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One Cook Place  
Bridgman, MI 49106  
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Washington, D.C. 20555-0001

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

Enclosed is the Donald C. Cook Nuclear Plant Annual Radiological Environmental Operating Report. This report covers the period from January 1, 2009, through December 31, 2009, and was prepared in accordance with the requirements of Technical Specification 5.6.2 and 10 CFR 50, Appendix I, Sections IV.B.2, IV.B.3, and IV.C.

This letter contains no new or modified regulatory commitments. Should you have any questions, please contact Mr. James M. Petro, Jr., Regulatory Affairs Manager, at (269) 466-2489.

Sincerely,

Joel P. Gebbie  
Site Vice President

RSP/rdw

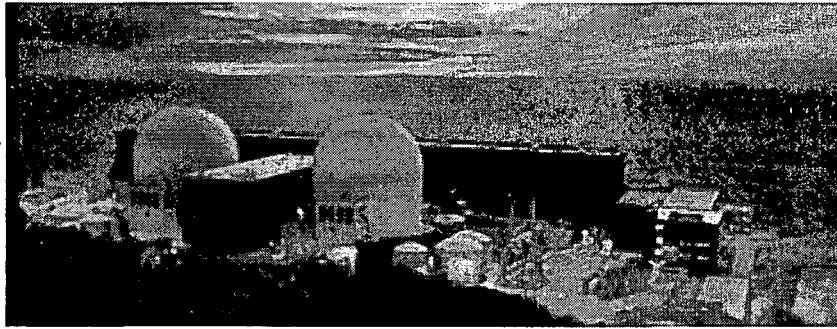
Enclosure: Annual Radiological Environmental Operating Report

c: T. A. Beltz, NRC Washington, DC  
J. T. King, MPSC, w/o enclosure  
S. M. Krawec, Ft. Wayne AEP, w/o enclosure  
MDNRE – WHMD/RPS  
NRC Resident Inspector  
M. A. Satorius, NRC Region III  
K. Yale, MDNRE

JE25  
NRR

ENCLOSURE TO AEP-NRC-2010-40

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT



# **Annual Radiological Environmental Operating Report**

**Indiana Michigan Power Company  
Donald C. Cook Nuclear Plant**

**RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM**

**January 1, 2009 – December 31, 2009**

**Docket No. 50-315, 50-316  
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## 1.0 EXECUTIVE SUMMARY

Implementation of the Donald C. Cook Nuclear Plant (CNP) Radiological Environmental Monitoring Program (REMP) continued during the period January through December 2009, in accordance with station Technical Specifications and Off-Site Dose Calculation Manual (ODCM).

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

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

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

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

Based on an evaluation of sample analyses results, it was determined that non-tritium radioactivity detected by the REMP was from outside sources, such as fallout from nuclear weapons tests and naturally-occurring radionuclides. Examples include the following:

- Four of four Lake Sediment samples contained naturally-occurring K-40.
- Naturally-occurring K-40 was detected in all eight fish samples.
- Both indicator and control Food Products samples (grapes) contained naturally-occurring K-40. All samples of broadleaf vegetation contained naturally-occurring K-40, with 17 of 20 samples also containing naturally-occurring Be-7.
- Three of 138 water samples (drinking, ground, and surface) indicated the presence of naturally-occurring K-40 and one of 138 contained the naturally-occurring Th-232 decay series, as indicated by AcTh228. Tritium was detected in six of 68 ground water samples. Site tritium modeling has indicated that the activity in five of these samples is the result of tritium recapture via

precipitation through gaseous releases out the unit vent. The activity in the sixth sample is attributed to an excursion event in the Turbine Room Sump in the spring of 2009 (AR #00848816). Tracking of well activity is performed at CNP via the REMP and Groundwater Protection Programs. This activity has no impact on public health and safety and is the result of effluent releases performed via licensed released paths and well within NRC limits.

- All 78 milk samples, from both indicator and control locations, detected naturally-occurring K-40, with no potentially CNP related radionuclides being found.

No sample analysis results exceeded or approached specified reporting levels.

This report was prepared for Indiana Michigan Power Company by AREVA NP, Inc. Sample collection and preparation were performed by CNP. Laboratory analyses were performed by the AREVA NP Environmental Laboratory (E-LAB).

## 2.0 INTRODUCTION

### 2.1 General Plant Site Information

Indiana Michigan Power Company's CNP is located on the southeastern shore of Lake Michigan approximately one mile northwest of Bridgman, Michigan. The site consists of two pressurized water reactors: Unit 1, 1084 MWe (Net Design Electrical Rating) and Unit 2, 1107 MWe (Net Design Electrical Rating). Unit 1 achieved initial criticality on January 18, 1975, and Unit 2 on March 10, 1978.

### 2.2 Program Design

The REMP for CNP was designed with specific objectives:

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

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

The REMP sampling requirements are given in Attachment 3.19 of the ODCM and summarized in Table 2.1 of this report. The identification of the required

sampling locations is also provided in Attachment 3.19 of the ODCM and Table 2.2 of this report. The monitoring locations are shown graphically in Figures 2.1 – 2.3.

### 2.3 Monitoring Zones

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

### 2.4 Pathways Monitored

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

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

### 2.5 Descriptions of Monitoring Pathways

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

#### 2.5.1 Air

Air samplers were installed at ten locations as required by the ODCM. These samplers operated continuously (except during weekly sample media replacement) within the specified sample flow rate range of 42 to 70 liters per minute (LPM). An Automatic Volume Totalizer was used to



measure the total volume of air sampled, total unit run time and volumetric flow rate.

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

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

#### 2.5.2 Surface Water

Two 125-milliliter surface water samples were collected from shoreline locations approximately 500 feet north and south of the plant centerline. Samples were composited daily over a month and the gamma aliquot was preserved with nitric acid. All samples receive a gamma isotopic analysis. A tritium analysis was performed on a quarterly composite from each of the sample points.

#### 2.5.3 Groundwater

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

#### 2.5.4 Drinking Water

One-liter samples were collected daily at the intake of the water purification plants for St. Joseph and Lake Township. The daily samples were composited over 14 days and the gamma isotopic/gross beta aliquot was preserved with nitric acid. The 14-day composite samples were analyzed for gross beta, gamma isotopic and Iodine (I-131). A quarterly composite was analyzed for Tritium (H-3).

#### 2.5.5 Sediment

Lake Michigan shoreline sediment samples were collected semi-annually approximately 500 feet north and south of the plant centerline. A 1-liter sample was collected from an area covered part time by wave action at each location. The sediment samples were analyzed for gamma isotopic content.

#### 2.5.6 Milk

At least once every fifteen days, a one-gallon milk sample was collected from the three remaining available farms located between 4.4 and

21 miles from the site. Two of these farms (cow) utilize a "bulk" storage tank arrangement while the third farm (goat) does not. All samples were preserved with 40 grams per gallon of sodium bisulfite at the time of collection. Samples were analyzed for low level I-131 and gamma-emitting radionuclides.

Due to the retirement of Glen Troy Farm's operator, the required number of indicator milk locations was not met in 2009. Though milk samples were collected at the remaining farms, the milk sampling program was considered suspended in 2009. Environmental personnel implemented broadleaf collection per the ODCM during the growing season as a result of not meeting the required number of milk indicator farms.

#### 2.5.7 Fish

Approximately four pounds of fish were collected two times a year from four locations using gill nets in Lake Michigan. The edible portions of the fish were analyzed for gamma-emitting radionuclides.

#### 2.5.8 Food Product

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

#### 2.5.9 Broadleaf Vegetation

Broadleaf vegetation sampling in lieu of milk collection was reinstated on December 16, 2004, and continued through 2009. This occurrence was necessitated by the retirement of an "indicator" milk farm operator and the inability to locate a suitable replacement farm via a special milk farm survey along with subsequent Annual Land Use Surveys. Three indicator and one control location were sampled monthly during the growing season (May – September). Samples consisted of at least 300 grams of media and were collected from different locations within 8 miles of the plant in the highest deposition factor land sectors with media present, and at an approximate distance of 20 miles from the plant in one of the less prevalent deposition factor land sectors. Samples were analyzed for gamma-emitting radionuclides and I-131.

#### 2.5.10 TLD Monitoring

Direct gamma radiation exposure was continuously monitored with the use of Panasonic UD-814 AS4 thermoluminescent dosimeters (TLDs). TLDs were posted at 27 locations in the environs surrounding CNP.

#### 2.5.11 Additional Groundwater Sample Analysis (non-ODCM required)

During 2009, additional groundwater samples not required by the ODCM were collected for informational purposes. These samples were collected at several onsite locations in 2009 and analyzed for tritium by the CNP Chemistry Department and AREVA NP. One liter samples were collected at Steam Generator (SG) designated wells once during the 4<sup>th</sup> Quarter of 2009 and analyzed for gamma isotopic for informational purposes.

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

The Groundwater Protection Initiative (GPI) Sample Data for 2009 indicates no groundwater contamination in excess of the reporting threshold of  $2.00\text{E-}5$   $\mu\text{Ci/mL}$  for tritium.

The LLD value used for counting of the samples varied between  $8.17\text{E-}7$  and  $9.30\text{E-}7$   $\mu\text{Ci/mL}$ , depending on which scintillation counter was used. This is well below the required minimum LLD value of  $2.00\text{E-}6$   $\mu\text{Ci/mL}$ .

Values found above the LLD were not abnormal, unexpected, or inconsistent with past sampling history. The samples from Well #14 were expected results from the release of tritiated water into the Absorption Pond. This release was through a licensed pathway and the well samples were anticipated, as indicated by the increased sample frequency of the nearby Well #15. The remaining results above the LLD were only slightly above the LLD and were located in areas identified to have recapture deposition of tritium from licensed radioactive gaseous release points.

The sample data indicates that no radioactive spills or unidentified leaks have occurred in 2009 impacting groundwater. The prediction of Well #14 results indicate proper well placement to ensure the protection of the groundwater and early identification of any abnormal conditions involving groundwater.

Table 2.1

**Sampling Frequency & Type of Analysis  
Based on ODCM, Rev. 23, Attachment 3.19**

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

Table 2.2

**2009 Radiological Environmental Monitoring Program  
Sampling Types and Locations**

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

**Table 2.2**  
**2009 Radiological Environmental Monitoring Program**  
**Sampling Types and Location**  
**(continued)**

<b>Exposure Pathway (Sample Type Designation)</b>	<b>Sample Station</b>	<b>Indicator/ Control</b>	<b>Location Description</b>
c. Surface (WS)	SWL-2	I	500 feet S of Plant Centerline – Site Boundary
	SWL-3	I	500 feet N of Plant Centerline - Site Boundary
d. Sediment (SE)	SL-2	I	500 feet S of Plant Centerline – Site Boundary
	SL-3	I	500 feet N of Plant Centerline – Site Boundary
<b>Ingestion</b>			
a. Milk (TM)	MR	I	4.8 miles* SE – Baroda, MI
	SF	I	4.4 miles* SSE – Baroda, MI
	LF	C	21 miles* S - La Porte, IN
b. Fish (FH)	ONS-N	I	0.3 mile N, Lake Michigan
	ONS-S	I	0.4 mile S, Lake Michigan
	OFS-N	C	3.5 miles N, Lake Michigan
	OFS-S	C	5.0 miles S, Lake Michigan
c. Food Products (TF)	ONS-G	I	Nearest sample to Plant in the highest D/Q land sector containing media.
	OFS-G	C	In a land sector containing media, ~20 miles from the Plant, in one of the less prevalent D/Q land Sectors
d. Vegetation (TV) [broadleaf vegetation taken in lieu of milk ]	WEST ONS-V	I	Within 8 mi. in highest annual average D/Q land Sector
	MIDD ONS-V	I	
	EAST ONS-V	I	
	WELL-Sec A	I	Backup location only (Not used in 2009)
	OFS-V	C	~20 miles from the Plant, in one of the less prevalent land wind directions

\* Values measured with Garmin City Navigator® North America software.

**Table 2.2**  
**2009 Radiological Environmental Monitoring Program**  
**Sampling Types and Location**  
**(continued)**

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

Table 2.3

**Environmental Lower Limit of Detection (LLD) Sensitivity Requirements  
ODCM, Rev. 23, Attachment 3.20**

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



Table 2.4

**Reporting Levels for Radioactivity Concentrations in Environmental Samples**  
**ODCM Rev. 23, Attachment 3.21**

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

Figure 2.1

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

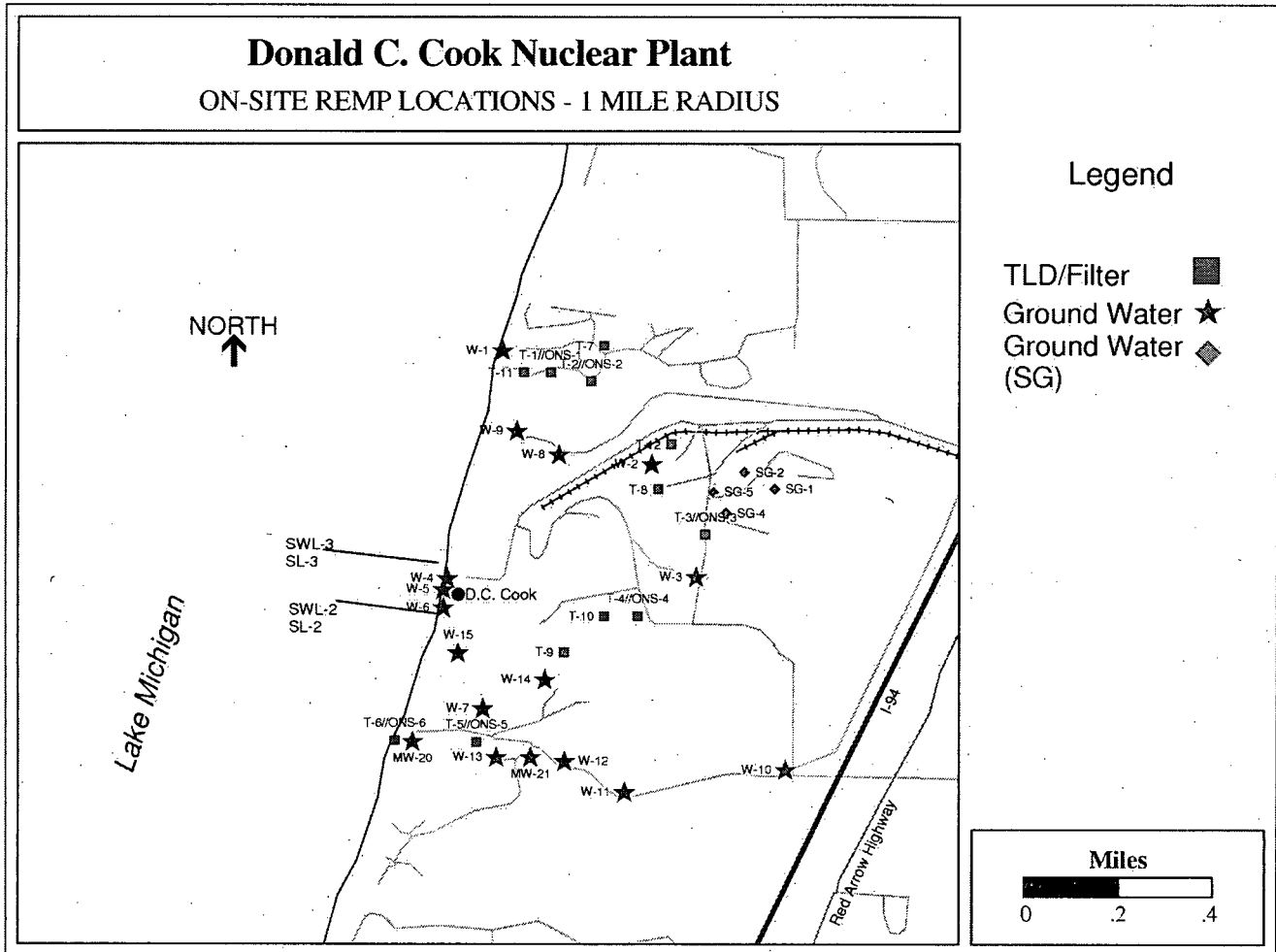


Figure 2.2

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

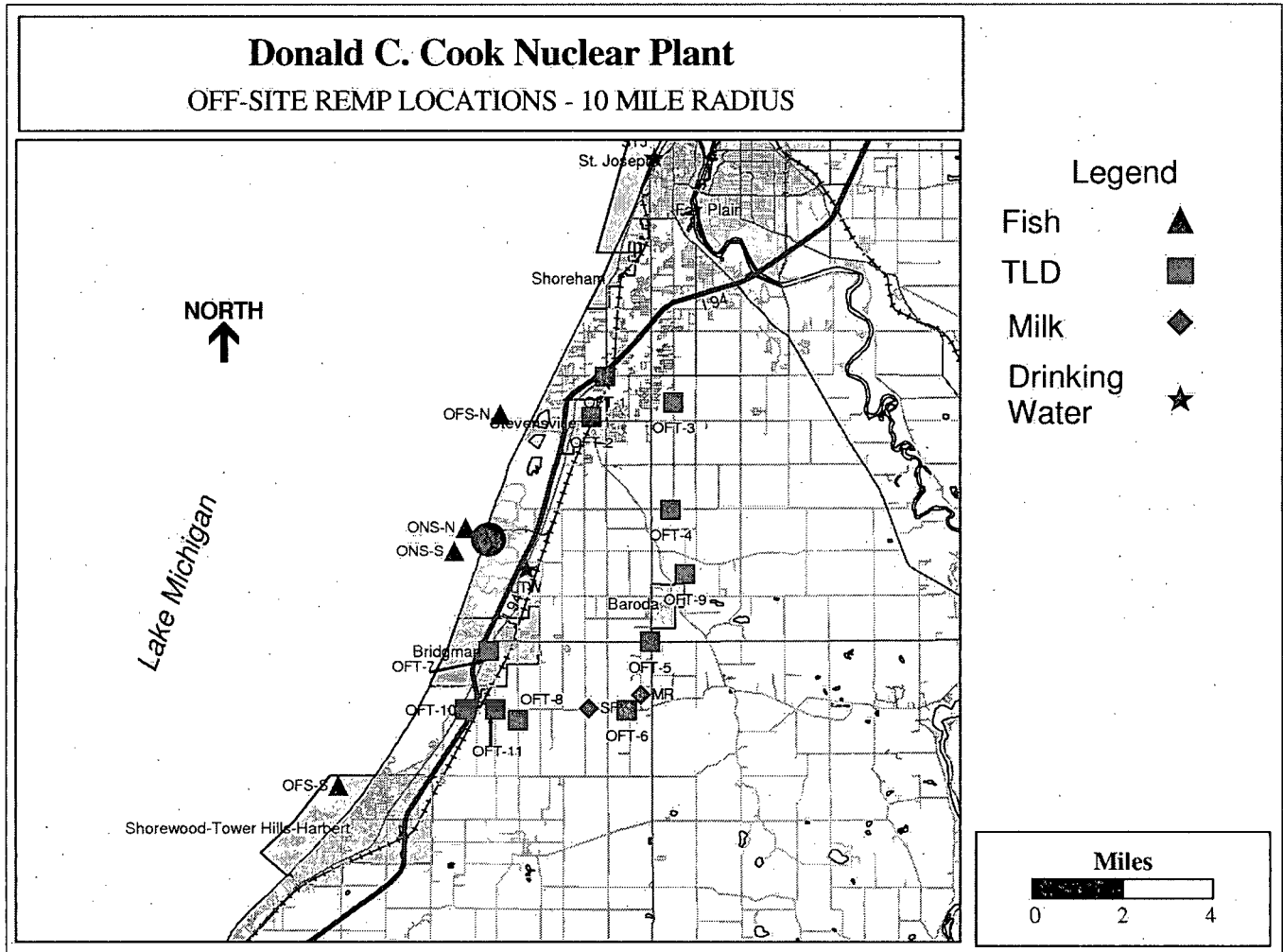
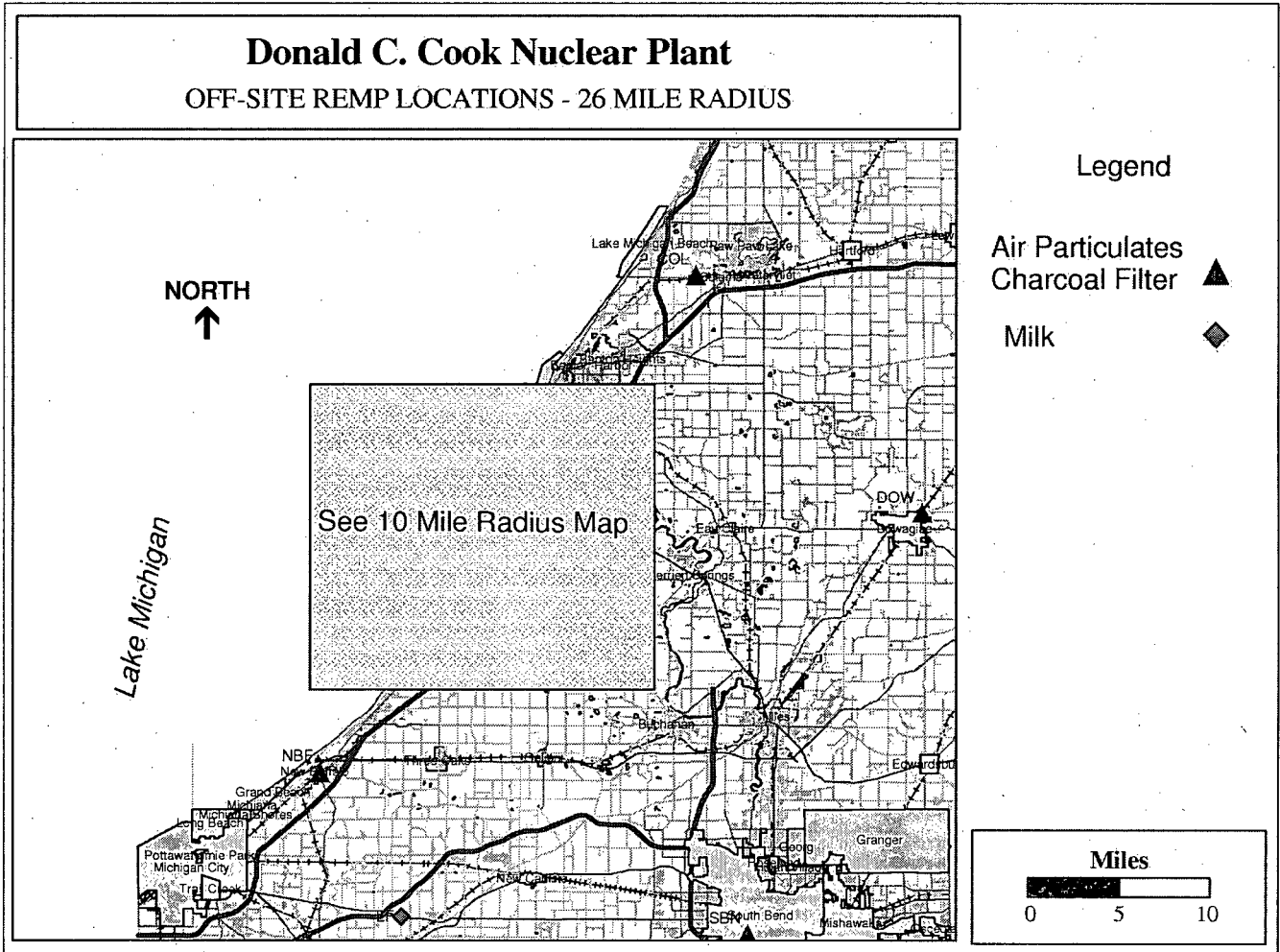


Figure 2.3

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



## 2.6 Samples Collected During 2009

Table 2.5 below summarizes the number of samples of each type collected during the 2009 reporting period and the number of analyses by station type for each media. A more detailed breakdown of the various analyses performed is provided in the data summary tables in Section 3, Table 3.1.

Table 2.5

## REMP Samples Collected in 2009

Sample Type	REMP Samples Collected in 2009		
	Total	Indicator	Control
Gamma Exposure Environmental TLD	108	48	60
Air Particulate	520	312	208
Charcoal Filter	520	312	208
Groundwater	68	68	0
Surface Water	20	20	0
Drinking Water	50	25	25
Sediment (Lake)	4	4	0
Food Products (grapes)	4	2	2
Vegetation (broadleaf)	20	15	5
Milk	78	52	26
Fish	8	4	4
<b>Total All Types</b>	<b>1,400</b>	<b>862</b>	<b>538</b>

### 3.0 RADIOLOGICAL DATA SUMMARY TABLES

This section summarizes the analytical results of the environmental samples that were collected during 2009. These results, shown in Table 3.1, are presented in a format similar to that prescribed in the NRC's Radiological Assessment Branch Technical Position on Environmental Monitoring (Reference 1). The results are ordered by sample media type and then by radionuclide for the monitoring zones described in Section 2.3. The units for each media type are also given. Table 3.2 provides information for TLD direct radiation measurements.

The left-most column of Table 3.1 contains the radionuclide of interest, the total number of analyses for that radionuclide in 2009, and the number of measurements that exceeded the Reporting Levels found in Table 2.4. The latter are classified as "Non-routine" measurements. The second column lists the required Lower Limit of Detection (LLD) for those radionuclides that have detection capability requirements specified in Table 2.3. The absence of a value in this column indicates that no LLD is specified in the ODCM for that radionuclide in that media.

For each media type and radionuclide, the remaining three columns summarize the data for the following categories of monitoring locations: (1) the Indicator stations, which were within the range of influence of the plant and which could be affected by plant activities; (2) the station which had the highest mean concentration during 2009, and (3) the Control stations, which were beyond the influence of the plant. Direct radiation monitoring stations (using TLDs) were grouped into Indicator and Control stations.

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

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

A sample was considered a "detectable measurement" when the concentration exceeded three times its associated standard deviation. The standard deviation on each measurement represents only the random uncertainty associated with the radioactive decay process (counting statistics), and not the propagation of all possible uncertainties in the analytical procedure.

The radionuclides reported in this section represent those that: (1) had an LLD requirement in Attachment 3.20 or, a Reporting Level listed in Attachment 3.21 of the ODCM, (2) had a positive measurement of radioactivity, whether it was naturally-occurring or man-made, or (3) were of specific interest for any other reason. The radionuclides that were routinely analyzed and reported by the AREVA NP Environmental Laboratory in a gamma spectroscopy analysis were: AcTh-228, Ag-108m, Ag-110m, Ba-140/La-140, Be-7, Ce-141, Ce-144, Co-57, Co-58, Co-60, Cr-51, Cs-134, Cs-137, Fe-59, I-131, K-40, Mn-54, Ru-103, Ru-106, Sb-124, Sb-125, Se-75, Zn-65 and Zr-95/Nb-95.

Data from TLD direct radiation measurements was provided in Table 3.2. The complete listing of quarterly TLD data is provided in Table 3.3.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**	
GR-B (520) (0)	0.01	3.0E -2 ( 1.3 - 5.4)E -2 (312/ 312)	ONS-5	3.1E -2 ( 1.3 - 5.1)E -2 (52/ 52)	3.0E -2 ( 1.4 - 5.2)E -2 (208/ 208)	
Be-7 (40) (0)		1.3E -1 ( 9.0 - 19.1)E -2 (24/ 24)	ONS-5	1.5E -1 ( 9.7 - 19.0)E -2 (4/ 4)	1.4E -1 ( 9.7 - 17.8)E -2 (16/ 16)	
K-40 (40) (0)		3.0E -3 ( -5.6 - 10.4)E -3 (0/ 24)	NBF	6.5E -3 ( 3.7 - 10.9)E -3 (0/ 4)	3.9E -3 ( -2.8 - 10.9)E -3 (0/ 16)	
Cr-51 (40) (0)		-3.5E -3 ( -3.3 - 1.1)E -2 (0/ 24)	ONS-3	1.6E -3 ( -4.0 - 5.8)E -3 (0/ 4)	-1.7E -3 ( -1.3 - 1.3)E -2 (0/ 16)	
Mn-54 (40) (0)		0.0E 0 ( -9.2 - 9.5)E -4 (0/ 24)	ONS-6	3.1E -4 ( -1.6 - 6.1)E -4 (0/ 4)	-4.3E -5 ( -4.8 - 3.2)E -4 (0/ 16)	
Co-57 (40) (0)		-2.4E -5 ( -3.7 - 2.5)E -4 (0/ 24)	SBN	9.5E -5 ( 1.2 - 15.0)E -5 (0/ 4)	1.5E -5 ( -2.1 - 2.0)E -4 (0/ 16)	
Co-58 (40) (0)		2.0E -5 ( -8.6 - 9.7)E -4 (0/ 24)	SBN	3.0E -4 ( -6.0 - 10.0)E -4 (0/ 4)	0.0E 0 ( -7.9 - 10.0)E -4 (0/ 16)	
Fe-59 (40) (0)		3.0E -4 ( -2.5 - 3.1)E -3 (0/ 24)	ONS-3	1.3E -3 ( 7.0 - 23.0)E -4 (0/ 4)	-4.3E -5 ( -2.2 - 2.1)E -3 (0/ 16)	
Co-60 (40) (0)		0.0E 0 ( -7.6 - 8.0)E -4 (0/ 24)	ONS-1	1.9E -4 ( -3.8 - 8.0)E -4 (0/ 4)	-7.1E -5 ( -6.3 - 4.4)E -4 (0/ 16)	
Zn-65 (40) (0)		-4.1E -4 ( -1.6 - 1.3)E -3 (0/ 24)	ONS-2	1.6E -4 ( -1.5 - 1.3)E -3 (0/ 4)	-4.6E -4 ( -1.9 - 1.0)E -3 (0/ 16)	
Se-75 (40) (0)		-8.0E -5 ( -8.8 - 6.8)E -4 (0/ 24)	ONS-5	1.6E -4 ( -1.9 - 6.8)E -4 (0/ 4)	-8.9E -5 ( -7.8 - 5.0)E -4 (0/ 16)	

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2009)**  
**(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Station	Mean Range No. Detected**	Station
Nb-95 (40) (0)		2.0E -4 ( -1.1 - 1.1)E -3 (0/ 24)	ONS-1	4.6E -4 ( -3.0 - 11.2)E -4 (0/ 4)		-2.3E -4 ( -1.2 - 1.3)E -3 (0/ 16)	
Zr-95 (40) (0)		-8.5E -5 ( -2.0 - 1.5)E -3 (0/ 24)	ONS-4	2.7E -4 ( -3.0 - 9.0)E -4 (0/ 4)		2.3E -5 ( -1.1 - 1.2)E -3 (0/ 16)	
Ru-103 (40) (0)		9.1E -5 ( -8.1 - 17.0)E -4 (0/ 24)	SBN	7.0E -4 ( 0.0 - 1.1)E -3 (0/ 4)		6.4E -5 ( -1.0 - 1.1)E -3 (0/ 16)	
Ru-106 (40) (0)		1.9E -4 ( -6.7 - 6.3)E -3 (0/ 24)	ONS-6	2.4E -3 ( -2.3 - 5.8)E -3 (0/ 4)		-1.2E -3 ( -4.4 - 2.3)E -3 (0/ 16)	
Ag-108m (40) (0)		5.1E -5 ( -4.4 - 4.7)E -4 (0/ 24)	ONS-6	3.2E -4 ( 1.3 - 4.7)E -4 (0/ 4)		-2.2E -5 ( -3.5 - 3.2)E -4 (0/ 16)	
Ag-110m (40) (0)		6.9E -5 ( -8.8 - 9.2)E -4 (0/ 24)	SBN	3.7E -4 ( 0.0 - 5.7)E -4 (0/ 4)		9.6E -5 ( -4.9 - 5.7)E -4 (0/ 16)	
Sb-124 (40) (0)		6.2E -4 ( -1.7 - 5.0)E -3 (0/ 24)	ONS-3	2.1E -3 ( 0.0 - 5.0)E -3 (0/ 4)		-8.9E -4 ( -3.8 - 1.6)E -3 (0/ 16)	
Sb-125 (40) (0)		-2.2E -4 ( -1.2 - 0.8)E -3 (0/ 24)	DOW	6.6E -4 ( 0.0 - 1.1)E -3 (0/ 4)		1.8E -5 ( -9.5 - 10.8)E -4 (0/ 16)	
I-131 (40) (0)		-5.2E -3 ( -5.0 - 8.1)E -2 (0/ 24)	ONS-1	2.4E -2 ( -6.0 - 81.0)E -3 (0/ 4)		5.3E -3 ( -6.5 - 15.8)E -2 (0/ 16)	
Cs-134 (40) (0)	0.06	-7.4E -5 ( -4.3 - 2.2)E -4 (0/ 24)	ONS-4	3.8E -5 ( -3.0 - 8.0)E -5 (0/ 4)		-1.1E -4 ( -8.7 - 1.9)E -4 (0/ 16)	
Cs-137 (40) (0)	0.06	7.6E -5 ( -3.2 - 6.0)E -4 (0/ 24)	COL	1.8E -4 ( 9.0 - 29.0)E -5 (0/ 4)		1.8E -5 ( -3.2 - 2.9)E -4 (0/ 16)	
Ba-140 (40) (0)		-2.7E -3 ( -2.5 - 1.6)E -2 (0/ 24)	SBN	9.9E -3 ( -9.6 - 36.0)E -3 (0/ 4)		1.1E -3 ( -1.2 - 3.6)E -2 (0/ 16)	
La-140 (40) (0)		-2.7E -3 ( -2.5 - 1.6)E -2 (0/ 24)	SBN	9.9E -3 ( -9.6 - 36.0)E -3 (0/ 4)		1.1E -3 ( -1.2 - 3.6)E -2 (0/ 16)	



Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Ce-141 (40) (0)		-1.3E -4 ( -2.0 - 1.0)E -3 (0/ 24)	ONS-1	4.3E -4 ( -1.0 - 1.0)E -3 (0/ 4)	-1.8E -4 ( -2.1 - 1.5)E -3 (0/ 16)
Ce-144 (40) (0)		4.4E -5 ( -2.5 - 4.1)E -3 (0/ 24)	ONS-5	1.0E -3 ( -6.5 - 41.0)E -4 (0/ 4)	3.9E -5 ( -1.8 - 2.6)E -3 (0/ 16)
Th-232 (40) (0)		1.0E -4 ( -2.1 - 2.0)E -3 (0/ 24)	ONS-1	6.1E -4 ( -2.1 - 2.0)E -3 (0/ 4)	2.4E -4 ( -1.9 - 2.0)E -3 (0/ 16)

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**
I-131	(520)	0.07	9.0E -5 ( -1.2 - 1.5)E -2 (0/ 312)	ONS-6	1.1E -3 ( -9.3 - 14.6)E -3 (0/ 52)	-3.8E -4 ( -1.8 - 1.4)E -2 (0/ 208)

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2009)**  
**(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**
H-3 (70) (0)	2000	3.8E 2 ( -8.5 - 58.5)E 2 (6/ 70)		W-14	1.6E 3 ( -7.0 - 585.0)E 1 (1/ 5)	NO DATA
Be-7 (68) (0)		-1.6E 0 ( -3.7 - 4.2)E 1 (0/ 68)		MW-20	9.0E 0 ( -5.0 - 23.0)E 0 (0/ 4)	NO DATA
K-40 (68) (0)		1.4E 1 ( -3.9 - 13.4)E 1 (3/ 68)		W-6	8.9E 1 ( 6.0 - 13.4)E 1 (1/ 4)	NO DATA
Cr-51 (68) (0)		1.8E 0 ( -3.2 - 2.7)E 1 (0/ 68)		MW-20	1.1E 1 ( -9.0 - 25.0)E 0 (0/ 4)	NO DATA
Mn-54 (68) (0)	15	-5.2E -1 ( -4.5 - 5.0)E 0 (0/ 68)		W-15	7.5E -1 ( -8.0 - 22.0)E -1 (0/ 4)	NO DATA
Co-57 (68) (0)		1.3E -1 ( -3.1 - 2.8)E 0 (0/ 68)		W-12	1.2E 0 ( 5.0 - 20.0)E -1 (0/ 4)	NO DATA
Co-58 (68) (0)	15	-5.4E -1 ( -3.7 - 2.9)E 0 (0/ 68)		W-6	8.5E -1 ( -7.0 - 24.0)E -1 (0/ 4)	NO DATA
Fe-59 (68) (0)	30	4.2E -1 ( -1.1 - 0.9)E 1 (0/ 68)		W-6	2.8E 0 ( -2.6 - 7.1)E 0 (0/ 4)	NO DATA
Co-60 (68) (0)	15	-4.3E -1 ( -5.3 - 4.0)E 0 (0/ 68)		W-3	8.6E -1 ( -1.4 - 21.0)E -1 (0/ 4)	NO DATA
Zn-65 (68) (0)	30	-2.1E 0 ( -1.8 - 2.1)E 1 (0/ 68)		W-15	1.8E 0 ( -6.6 - 7.1)E 0 (0/ 4)	NO DATA
Se-75 (68) (0)		-6.1E -2 ( -3.7 - 4.6)E 0 (0/ 68)		MW-21	1.6E 0 ( 1.1 - 2.5)E 0 (0/ 4)	NO DATA

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**
Nb-95 (68) (0)	15	-3.0E -1 ( -5.7 - 8.9)E 0 (0/ 68)		W-11	1.2E 0 ( -2.0 - 29.0)E -1 (0/ 4)	NO DATA
Zr-95 (68) (0)	30	-1.9E -1 ( -7.9 - 5.6)E 0 (0/ 68)		MW-21	1.7E 0 ( -3.5 - 5.6)E 0 (0/ 4)	NO DATA
Ru-103 (68) (0)		-9.9E -1 ( -6.0 - 3.5)E 0 (0/ 68)		W-7	1.2E 0 ( -1.6 - 3.5)E 0 (0/ 4)	NO DATA
Ru-106 (68) (0)		-5.3E 0 ( -3.8 - 3.8)E 1 (0/ 68)		MW-21	5.0E 0 ( -4.0 - 25.0)E 0 (0/ 4)	NO DATA
Ag-108m (68) (0)		-2.2E -1 ( -3.8 - 3.4)E 0 (0/ 68)		W-1	1.6E 0 ( 6.0 - 28.0)E -1 (0/ 4)	NO DATA
Ag-110m (68) (0)		-3.8E -1 ( -4.4 - 5.5)E 0 (0/ 68)		W-6	1.8E 0 ( 4.0 - 35.0)E -1 (0/ 4)	NO DATA
Sb-124 (68) (0)		-5.0E -1 ( -1.1 - 0.9)E 1 (0/ 68)		W-8	1.6E 0 ( -3.5 - 5.5)E 0 (0/ 4)	NO DATA
Sb-125 (68) (0)		-7.4E -1 ( -6.7 - 6.1)E 0 (0/ 68)		W-14	2.9E 0 ( 7.0 - 61.0)E -1 (0/ 4)	NO DATA
I-131 (68) (0)	1	1.3E -1 ( -8.2 - 8.0)E 0 (0/ 68)		W-5	2.4E 0 ( -2.6 - 5.8)E 0 (0/ 4)	NO DATA
Cs-134 (68) (0)	15	2.7E -2 ( -3.2 - 2.8)E 0 (0/ 68)		W-13	1.2E 0 ( -2.0 - 28.0)E -1 (0/ 4)	NO DATA
Cs-137 (68) (0)	18	-3.1E -1 ( -5.1 - 3.3)E 0 (0/ 68)		W-15	1.1E 0 ( -1.0 - 3.3)E 0 (0/ 4)	NO DATA
Ba-140 (68) (0)	60	6.0E -1 ( -8.5 - 9.2)E 0 (0/ 68)		W-8	2.7E 0 ( 1.8 - 4.1)E 0 (0/ 4)	NO DATA
La-140 (68) (0)	15	6.0E -1 ( -8.5 - 9.2)E 0 (0/ 68)		W-8	2.7E 0 ( 1.8 - 4.1)E 0 (0/ 4)	NO DATA

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Ce-141 (68) (0)		-1.2E 0 ( -1.2 - 0.7)E 1 (0/ 68)	W-4	1.8E 0 ( -6.0 - 47.0)E -1 (0/ 4)	NO DATA
Ce-144 (68) (0)		5.0E -1 ( -1.9 - 2.9)E 1 (0/ 68)	W-6	8.9E 0 ( -9.7 - 29.0)E 0 (0/ 4)	NO DATA
Th-232 (68) (0)		7.9E -1 ( -1.5 - 1.5)E 1 (0/ 68)	W-12	7.5E 0 ( -2.2 - 14.9)E 0 (0/ 4)	NO DATA

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

**MEDIUM: Steam Generator Facility Water (SG)    UNITS: pCi/liter**

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**
H-3 (4) (0)	2000	-1.8E 2 ( -3.0 - -0.8)E 2 (0/ 4)		SG-4	-8.0E 1 (0/ 1)	NO DATA

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Station	Mean Range No. Detected**	Station
GR-B (52) (0)	4	3.0E 0 ( 3.0 - 62.0)E -1 (11/ 26)	STJ	3.6E 0 ( 1.7 - 6.2)E 0 (15/ 26)	STJ	3.6E 0 ( 1.7 - 6.2)E 0 (15/ 26)	STJ
H-3 (8) (0)	2000	-1.5E 2 ( -9.0 - 10.1)E 2 (0/ 4)	STJ	-6.3E 1 ( -7.1 - 5.5)E 2 (0/ 4)	STJ	-6.3E 1 ( -7.1 - 5.5)E 2 (0/ 4)	STJ
Be-7 (50) (0)		-4.4E 0 ( -4.2 - 1.8)E 1 (0/ 25)	STJ	1.4E 0 ( -1.6 - 2.3)E 1 (0/ 25)	STJ	1.4E 0 ( -1.6 - 2.3)E 1 (0/ 25)	STJ
K-40 (50) (0)		-1.2E -1 ( -3.7 - 3.2)E 1 (0/ 25)	STJ	1.1E 1 ( -1.8 - 5.4)E 1 (0/ 25)	STJ	1.1E 1 ( -1.8 - 5.4)E 1 (0/ 25)	STJ
Cr-51 (50) (0)		-3.8E 0 ( -3.2 - 2.0)E 1 (0/ 25)	STJ	-5.4E -1 ( -1.6 - 2.0)E 1 (0/ 25)	STJ	-5.4E -1 ( -1.6 - 2.0)E 1 (0/ 25)	STJ
Mn-54 (50) (0)	15	-4.6E -1 ( -2.9 - 2.4)E 0 (0/ 25)	STJ	-8.0E -4 ( -4.5 - 3.0)E 0 (0/ 25)	STJ	-8.0E -4 ( -4.5 - 3.0)E 0 (0/ 25)	STJ
Co-57 (50) (0)		-5.2E -2 ( -1.7 - 2.1)E 0 (0/ 25)	STJ	2.9E -2 ( -1.9 - 2.1)E 0 (0/ 25)	STJ	2.9E -2 ( -1.9 - 2.1)E 0 (0/ 25)	STJ
Co-58 (50) (0)	15	-5.9E -1 ( -2.3 - 1.3)E 0 (0/ 25)	STJ	2.0E -1 ( -3.1 - 2.8)E 0 (0/ 25)	STJ	2.0E -1 ( -3.1 - 2.8)E 0 (0/ 25)	STJ
Fe-59 (50) (0)	30	1.1E -1 ( -6.2 - 5.2)E 0 (0/ 25)	STJ	1.0E 0 ( -4.5 - 8.4)E 0 (0/ 25)	STJ	1.0E 0 ( -4.5 - 8.4)E 0 (0/ 25)	STJ
Co-60 (50) (0)	15	-3.5E -1 ( -4.6 - 2.5)E 0 (0/ 25)	STJ	1.4E -2 ( -3.8 - 2.9)E 0 (0/ 25)	STJ	1.4E -2 ( -3.8 - 2.9)E 0 (0/ 25)	STJ

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**		
Nb-95 (50) (0)	15	1.1E -1 ( -2.9 - 3.5)E 0 (0/ 25)	LTW	1.1E -1 ( -2.9 - 3.5)E 0 (0/ 25)	-2.8E -1 ( -6.0 - 4.1)E 0 (0/ 25)		
Zn-65 (50) (0)	30	1.6E -1 ( -1.6 - 1.1)E 1 (0/ 25)	LTW	1.6E -1 ( -1.6 - 1.1)E 1 (0/ 25)	-1.2E 0 ( -7.1 - 11.6)E 0 (0/ 25)		
Se-75 (50) (0)		-8.0E -3 ( -3.0 - 2.6)E 0 (0/ 25)	LTW	-8.0E -3 ( -3.0 - 2.6)E 0 (0/ 25)	-6.0E -2 ( -2.3 - 2.3)E 0 (0/ 25)		
Zr-95 (50) (0)	30	2.6E -1 ( -5.6 - 6.7)E 0 (0/ 25)	STJ	3.3E -1 ( -7.9 - 5.0)E 0 (0/ 25)	3.3E -1 ( -7.9 - 5.0)E 0 (0/ 25)		
Ru-103 (50) (0)		-1.1E 0 ( -3.7 - 1.8)E 0 (0/ 25)	LTW	-1.1E 0 ( -3.7 - 1.8)E 0 (0/ 25)	-1.5E 0 ( -3.8 - 1.3)E 0 (0/ 25)		
Ru-106 (50) (0)		-3.0E 0 ( -2.2 - 1.7)E 1 (0/ 25)	LTW	-3.0E 0 ( -2.2 - 1.7)E 1 (0/ 25)	-3.2E 0 ( -3.1 - 1.9)E 1 (0/ 25)		
Ag-108m (50) (0)		6.4E -2 ( -2.5 - 3.0)E 0 (0/ 25)	LTW	6.4E -2 ( -2.5 - 3.0)E 0 (0/ 25)	-2.6E -1 ( -2.0 - 2.2)E 0 (0/ 25)		
Ag-110m (50) (0)		5.2E -1 ( -1.9 - 5.3)E 0 (0/ 25)	LTW	5.2E -1 ( -1.9 - 5.3)E 0 (0/ 25)	-4.8E -1 ( -4.3 - 2.7)E 0 (0/ 25)		
Sb-124 (50) (0)		-3.9E -1 ( -7.1 - 15.1)E 0 (0/ 25)	STJ	-2.2E -1 ( -6.2 - 5.8)E 0 (0/ 25)	-2.2E -1 ( -6.2 - 5.8)E 0 (0/ 25)		
Sb-125 (50) (0)		2.3E -1 ( -6.7 - 7.0)E 0 (0/ 25)	LTW	2.3E -1 ( -6.7 - 7.0)E 0 (0/ 25)	-3.6E -1 ( -5.6 - 8.5)E 0 (0/ 25)		
I-131 (52) (0)	1	3.1E -2 ( -4.1 - 5.0)E -1 (0/ 26)	LTW	3.1E -2 ( -4.1 - 5.0)E -1 (0/ 26)	1.1E -2 ( -2.9 - 8.3)E -1 (0/ 26)		
Cs-134 (50) (0)	15	1.2E -1 ( -3.2 - 3.0)E 0 (0/ 25)	STJ	3.3E -1 ( -1.2 - 2.3)E 0 (0/ 25)	3.3E -1 ( -1.2 - 2.3)E 0 (0/ 25)		
Cs-137 (50) (0)	18	-1.2E -1 ( -3.5 - 4.2)E 0 (0/ 25)	STJ	-1.5E -2 ( -2.2 - 4.0)E 0 (0/ 25)	-1.5E -2 ( -2.2 - 4.0)E 0 (0/ 25)		



Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**		
Ba-140 (50) (0)	60	1.2E 0 ( -7.0 - 10.7)E 0 (0/ 25)	LTW	1.2E 0 ( -7.0 - 10.7)E 0 (0/ 25)	4.3E -1 ( -6.8 - 8.6)E 0 (0/ 25)		
La-140 (50) (0)	15	1.2E 0 ( -7.0 - 10.7)E 0 (0/ 25)	LTW	1.2E 0 ( -7.0 - 10.7)E 0 (0/ 25)	3.6E -1 ( -6.8 - 8.6)E 0 (0/ 25)		
Ce-141 (50) (0)		-1.8E 0 ( -9.1 - 3.1)E 0 (0/ 25)	STJ	-1.6E -1 ( -6.7 - 7.7)E 0 (0/ 25)	-1.6E -1 ( -6.7 - 7.7)E 0 (0/ 25)		
Ce-144 (50) (0)		2.3E 0 ( -8.6 - 12.9)E 0 (0/ 25)	LTW	2.3E 0 ( -8.6 - 12.9)E 0 (0/ 25)	8.7E -1 ( -2.0 - 1.7)E 1 (0/ 25)		
Th-232 (50) (0)		9.9E -1 ( -1.6 - 4.0)E 1 (1/ 25)	STJ	1.2E 0 ( -1.5 - 1.4)E 1 (0/ 25)	1.2E 0 ( -1.5 - 1.4)E 1 (0/ 25)		

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**
H-3 (8) (0)	2000	-1.3E 2 ( -5.7 - 5.3)E 2 (0/ 8)		SWL-2	-4.3E 1 ( -5.2 - 4.0)E 2 (0/ 4)	NO DATA
Be-7 (20) (0)		1.4E -1 ( -1.4 - 1.2)E 1 (0/ 20)		SWL-2	1.3E 0 ( -1.0 - 0.9)E 1 (0/ 10)	NO DATA
K-40 (20) (0)		4.8E 0 ( -1.6 - 5.1)E 1 (0/ 20)		SWL-3	1.1E 1 ( -9.1 - 51.0)E 0 (0/ 10)	NO DATA
Cr-51 (20) (0)		1.3E 0 ( -1.7 - 1.8)E 1 (0/ 20)		SWL-2	4.9E 0 ( -9.0 - 18.0)E 0 (0/ 10)	NO DATA
Mn-54 (20) (0)	15	-9.1E -2 ( -1.8 - 0.7)E 0 (0/ 20)		SWL-2	0.0E 0 ( -1.8 - 0.7)E 0 (0/ 10)	NO DATA
Co-57 (20) (0)		2.5E -1 ( -8.9 - 14.3)E -1 (0/ 20)		SWL-3	5.6E -1 ( -5.9 - 14.3)E -1 (0/ 10)	NO DATA
Co-58 (20) (0)	15	-1.9E -1 ( -1.6 - 1.0)E 0 (0/ 20)		SWL-2	-1.8E -1 ( -1.3 - 1.0)E 0 (0/ 10)	NO DATA
Fe-59 (20) (0)	30	3.8E -1 ( -1.9 - 3.1)E 0 (0/ 20)		SWL-2	8.8E -1 ( -1.4 - 3.1)E 0 (0/ 10)	NO DATA
Co-60 (20) (0)	15	-6.8E -2 ( -1.1 - 2.5)E 0 (0/ 20)		SWL-2	3.5E -1 ( -8.5 - 25.0)E -1 (0/ 10)	NO DATA
Zn-65 (20) (0)	30	-8.2E -1 ( -6.4 - 4.9)E 0 (0/ 20)		SWL-3	-2.0E -2 ( -2.4 - 4.9)E 0 (0/ 10)	NO DATA
Se-75 (20) (0)		4.8E -2 ( -1.7 - 2.5)E 0 (0/ 20)		SWL-2	5.0E -2 ( -9.2 - 16.0)E -1 (0/ 10)	NO DATA

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations
		Mean Range	No. Detected**	Station	Mean Range	No. Detected**
Nb-95 (20) (0)	15	1.2E -1 ( -2.3 - 1.7)E 0 (0/ 20)		SWL-2	2.2E -1 ( -1.6 - 1.7)E 0 (0/ 10)	NO DATA
Zr-95 (20) (0)	30	-2.5E -1 ( -2.8 - 2.7)E 0 (0/ 20)		SWL-3	-1.7E -1 ( -2.8 - 2.7)E 0 (0/ 10)	NO DATA
Ru-103 (20) (0)		-1.1E 0 ( -3.2 - 1.0)E 0 (0/ 20)		SWL-2	-7.5E -1 ( -2.8 - 0.9)E 0 (0/ 10)	NO DATA
Ru-106 (20) (0)		4.8E -1 ( -1.8 - 1.3)E 1 (0/ 20)		SWL-2	8.1E -1 ( -1.8 - 1.3)E 1 (0/ 10)	NO DATA
Ag-108m (20) (0)		1.1E -1 ( -1.4 - 2.2)E 0 (0/ 20)		SWL-2	2.3E -1 ( -1.4 - 2.2)E 0 (0/ 10)	NO DATA
Ag-110m (20) (0)		-5.0E -4 ( -1.1 - 1.8)E 0 (0/ 20)		SWL-2	5.2E -2 ( -1.0 - 1.8)E 0 (0/ 10)	NO DATA
Sb-124 (20) (0)		-9.5E -1 ( -4.4 - 2.7)E 0 (0/ 20)		SWL-2	-5.1E -1 ( -4.1 - 1.6)E 0 (0/ 10)	NO DATA
Sb-125 (20) (0)		2.1E -1 ( -3.4 - 3.2)E 0 (0/ 20)		SWL-2	7.0E -1 ( -2.2 - 3.2)E 0 (0/ 10)	NO DATA
I-131 (20) (0)	1	-4.3E -1 ( -6.9 - 13.0)E 0 (0/ 20)		SWL-2	4.7E -1 ( -5.4 - 13.0)E 0 (0/ 10)	NO DATA
Cs-134 (20) (0)	15	4.5E -2 ( -1.1 - 0.9)E 0 (0/ 20)		SWL-2	2.8E -1 ( -4.1 - 9.4)E -1 (0/ 10)	NO DATA
Cs-137 (20) (0)	18	2.3E -1 ( -8.1 - 24.0)E -1 (0/ 20)		SWL-3	2.7E -1 ( -8.1 - 18.0)E -1 (0/ 10)	NO DATA
Ba-140 (20) (0)	60	-1.0E 0 ( -8.0 - 5.7)E 0 (0/ 20)		SWL-2	-5.1E -1 ( -5.1 - 5.7)E 0 (0/ 10)	NO DATA
La-140 (20) (0)	15	-1.0E 0 ( -8.0 - 5.7)E 0 (0/ 20)		SWL-2	-5.1E -1 ( -5.1 - 5.7)E 0 (0/ 10)	NO DATA

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Ce-141 (20) (0)		5.0E -4 ( -4.9 - 3.1)E 0 (0/ 20)	SWL-3	9.3E -1 ( -2.6 - 3.1)E 0 (0/ 10)	NO DATA
Ce-144 (20) (0)		-1.1E 0 ( -1.4 - 0.7)E 1 (0/ 20)	SWL-2	5.9E -1 ( -5.8 - 6.9)E 0 (0/ 10)	NO DATA
Th-232 (20) (0)		1.5E 0 ( -6.1 - 7.6)E 0 (0/ 20)	SWL-3	2.4E 0 ( -8.0 - 76.0)E -1 (0/ 10)	NO DATA

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Be-7 (4) (0)		6.5E 1 ( -2.4 - 3.1)E 2 (0/ 4)	SL-3	9.4E 1 ( 5.0 - 13.8)E 1 (0/ 2)	NO DATA
K-40 (4) (0)		7.6E 3 ( 5.8 - 9.3)E 3 (4/ 4)	SL-3	7.6E 3 ( 6.2 - 9.0)E 3 (2/ 2)	NO DATA
Cr-51 (4) (0)		6.2E 1 ( 1.0 - 18.0)E 1 (0/ 4)	SL-2	9.5E 1 ( 1.0 - 18.0)E 1 (0/ 2)	NO DATA
Mn-54 (4) (0)		1.0E 0 ( -1.0 - 1.2)E 1 (0/ 4)	SL-2	1.3E 0 ( -1.4 - 4.0)E 0 (0/ 2)	NO DATA
Co-57 (4) (0)		-4.0E 0 ( -1.1 - 0.3)E 1 (0/ 4)	SL-3	-3.8E 0 ( -8.0 - 0.4)E 0 (0/ 2)	NO DATA
Co-58 (4) (0)		-1.1E 1 ( -3.8 - 1.6)E 1 (0/ 4)	SL-3	-1.1E 1 ( -1.6 - -0.5)E 1 (0/ 2)	NO DATA
Fe-59 (4) (0)		2.2E 1 ( -4.0 - 7.8)E 1 (0/ 4)	SL-3	5.1E 1 ( 2.3 - 7.8)E 1 (0/ 2)	NO DATA
Co-60 (4) (0)		1.4E 0 ( -1.8 - 2.8)E 1 (0/ 4)	SL-3	1.1E 1 ( -5.7 - 28.0)E 0 (0/ 2)	NO DATA
Zn-65 (4) (0)		-9.0E 0 ( -5.0 - 9.2)E 1 (0/ 4)	SL-2	2.2E 1 ( -4.9 - 9.2)E 1 (0/ 2)	NO DATA
Se-75 (4) (0)		5.4E 0 ( -1.0 - 9.1)E 0 (0/ 4)	SL-3	6.8E 0 ( 6.6 - 7.0)E 0 (0/ 2)	NO DATA
Nb-95 (4) (0)		9.0E 0 ( -1.1 - 3.7)E 1 (0/ 4)	SL-2	1.3E 1 ( -1.1 - 3.7)E 1 (0/ 2)	NO DATA

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**		
Zr-95 (4) (0)		1.2E 1 ( -1.3 - 3.3)E 1 (0/ 4)	SL-3	1.8E 1 ( 2.0 - 33.0)E 0 (0/ 2)		NO DATA	
Ru-103 (4) (0)		-1.2E 1 ( -3.5 - 0.0)E 1 (0/ 4)	SL-2	-3.9E 0 ( -7.8 - 0.0)E 0 (0/ 2)		NO DATA	
Ru-106 (4) (0)		-4.6E 1 ( -1.5 - 0.8)E 2 (0/ 4)	SL-3	2.9E 1 ( -2.3 - 8.0)E 1 (0/ 2)		NO DATA	
Ag-108m (4) (0)		-1.0E 1 ( -3.9 - 0.5)E 1 (0/ 4)	SL-3	-3.8E 0 ( -4.0 - -3.5)E 0 (0/ 2)		NO DATA	
Ag-110m (4) (0)		-1.8E 1 ( -2.9 - -1.1)E 1 (0/ 4)	SL-2	-1.6E 1 ( -1.8 - -1.4)E 1 (0/ 2)		NO DATA	
Sb-124 (4) (0)		7.7E 0 ( -4.9 - 5.8)E 1 (0/ 4)	SL-3	2.7E 1 ( -4.4 - 58.0)E 0 (0/ 2)		NO DATA	
Sb-125 (4) (0)		-1.1E 1 ( -2.6 - 1.1)E 1 (0/ 4)	SL-2	-5.0E -1 ( -1.2 - 1.1)E 1 (0/ 2)		NO DATA	
I-131 (4) (0)		-6.0E 1 ( -1.9 - 0.2)E 2 (0/ 4)	SL-2	-3.5E 1 ( -7.0 - 0.0)E 1 (0/ 2)		NO DATA	
Cs-134 (4) (0)	150	4.7E 0 ( -2.1 - 20.0)E 0 (0/ 4)	SL-2	9.9E 0 ( -2.0 - 200.0)E -1 (0/ 2)		NO DATA	
Cs-137 (4) (0)	180	1.3E 1 ( 3.2 - 27.0)E 0 (0/ 4)	SL-2	2.0E 1 ( 1.3 - 2.7)E 1 (0/ 2)		NO DATA	
Ba-140 (4) (0)		-1.9E 1 ( -1.8 - 0.6)E 2 (0/ 4)	SL-2	2.2E 1 ( 0.0 - 4.4)E 1 (0/ 2)		NO DATA	
La-140 (4) (0)		4.8E 1 ( -9.0 - 110.0)E 0 (0/ 4)	SL-2	5.1E 1 ( -9.0 - 110.0)E 0 (0/ 2)		NO DATA	
Ce-141 (4) (0)		-9.5E 0 ( -6.7 - 4.0)E 1 (0/ 4)	SL-2	8.0E 0 ( -2.4 - 4.0)E 1 (0/ 2)		NO DATA	

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Ce-144 (4) (0)		-3.9E 1 ( -1.4 - 0.3)E 2 (0/ 4)	SL-2	2.5E 1 ( 1.9 - 3.0)E 1 (0/ 2)	NO DATA
Th-232 (4) (0)		4.8E 1 ( -4.6 - 9.5)E 1 (0/ 4)	SL-2	8.2E 1 ( 6.9 - 9.5)E 1 (0/ 2)	NO DATA

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

MEDIUM: Milk (TM) UNITS: pCi/liter

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Be-7 (78) (0)		-2.7E 0 ( -3.4 - 3.2)E 1 (0/ 52)	SF	1.4E 0 ( -2.4 - 3.2)E 1 (0/ 26)	-9.4E 0 ( -4.3 - 1.6)E 1 (0/ 26)
K-40 (78) (0)		1.6E 3 ( 1.2 - 2.1)E 3 (52/ 52)	MR	1.8E 3 ( 1.5 - 2.1)E 3 (26/ 26)	1.4E 3 ( 1.3 - 1.6)E 3 (26/ 26)
Cr-51 (78) (0)		1.5E 0 ( -2.9 - 6.6)E 1 (0/ 52)	LF	4.5E 0 ( -3.5 - 4.2)E 1 (0/ 26)	4.5E 0 ( -3.5 - 4.2)E 1 (0/ 26)
Mn-54 (78) (0)		-1.0E -1 ( -3.3 - 4.6)E 0 (0/ 52)	SF	1.2E -1 ( -3.3 - 3.6)E 0 (0/ 26)	5.4E -2 ( -4.9 - 3.9)E 0 (0/ 26)
Co-57 (78) (0)		1.2E -1 ( -2.4 - 2.9)E 0 (0/ 52)	MR	2.2E -1 ( -2.1 - 2.9)E 0 (0/ 26)	-1.4E -2 ( -1.9 - 2.0)E 0 (0/ 26)
Co-58 (78) (0)		-3.0E -1 ( -3.5 - 5.9)E 0 (0/ 52)	SF	1.7E -1 ( -3.1 - 5.9)E 0 (0/ 26)	-2.7E -1 ( -4.0 - 5.8)E 0 (0/ 26)
Fe-59 (78) (0)		-1.0E -1 ( -1.1 - 1.2)E 1 (0/ 52)	MR	9.7E -1 ( -8.6 - 12.0)E 0 (0/ 26)	5.5E -1 ( -9.4 - 10.6)E 0 (0/ 26)
Co-60 (78) (0)		4.0E -1 ( -3.6 - 6.6)E 0 (0/ 52)	LF	7.7E -1 ( -3.0 - 3.5)E 0 (0/ 26)	7.7E -1 ( -3.0 - 3.5)E 0 (0/ 26)
Zn-65 (78) (0)		-2.3E 0 ( -1.3 - 1.1)E 1 (0/ 52)	LF	-1.6E 0 ( -1.4 - 1.2)E 1 (0/ 26)	-1.6E 0 ( -1.4 - 1.2)E 1 (0/ 26)
Se-75 (78) (0)		-3.3E -1 ( -5.4 - 3.6)E 0 (0/ 52)	LF	1.5E 0 ( -2.4 - 5.7)E 0 (0/ 26)	1.5E 0 ( -2.4 - 5.7)E 0 (0/ 26)
Nb-95 (78) (0)		-8.9E -1 ( -7.1 - 4.5)E 0 (0/ 52)	SF	-1.6E -1 ( -6.5 - 4.5)E 0 (0/ 26)	-5.4E -1 ( -7.9 - 4.2)E 0 (0/ 26)



Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2009)**  
**(continued)**

**MEDIUM: Milk (TM) UNITS: pCi/liter**

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Station	Mean Range No. Detected**	Station
Zr-95 (78) (0)		6.1E -1 ( -7.2 - 7.9)E 0 (0/ 52)	MR	1.0E 0 ( -7.2 - 7.9)E 0 (0/ 26)		3.8E -3 ( -9.0 - 5.7)E 0 (0/ 26)	
Ru-103 (78) (0)		-1.3E 0 ( -6.1 - 4.1)E 0 (0/ 52)	LF	-3.8E -1 ( -4.0 - 3.5)E 0 (0/ 26)		-3.8E -1 ( -4.0 - 3.5)E 0 (0/ 26)	
Ru-106 (78) (0)		-3.3E 0 ( -4.4 - 3.1)E 1 (0/ 52)	LF	4.2E 0 ( -3.3 - 3.5)E 1 (0/ 26)		4.2E 0 ( -3.3 - 3.5)E 1 (0/ 26)	
Ag-108m (78) (0)		-4.1E -1 ( -6.6 - 3.2)E 0 (0/ 52)	LF	2.3E -2 ( -1.7 - 4.1)E 0 (0/ 26)		2.3E -2 ( -1.7 - 4.1)E 0 (0/ 26)	
Ag-110m (78) (0)		-8.8E -2 ( -7.7 - 6.0)E 0 (0/ 52)	SF	6.5E -2 ( -5.6 - 3.8)E 0 (0/ 26)		-3.5E -1 ( -3.7 - 5.1)E 0 (0/ 26)	
Sb-124 (78) (0)		1.4E -1 ( -9.0 - 13.6)E 0 (0/ 52)	SF	2.6E -1 ( -4.8 - 8.7)E 0 (0/ 26)		-1.3E -1 ( -1.3 - 1.1)E 1 (0/ 26)	
Sb-125 (78) (0)		1.1E -1 ( -8.5 - 10.6)E 0 (0/ 52)	SF	5.1E -1 ( -8.5 - 10.2)E 0 (0/ 26)		1.4E -1 ( -1.1 - 0.7)E 1 (0/ 26)	
I-131 (78) (0)	1	4.1E -2 ( -2.3 - 5.3)E -1 (0/ 53)	LR	2.6E -1 (0/ 1)		6.8E -2 ( -3.0 - 6.2)E -1 (0/ 25)	
Cs-134 (78) (0)	15	-3.4E -1 ( -3.1 - 3.5)E 0 (0/ 52)	SF	2.2E -1 ( -2.1 - 2.1)E 0 (0/ 26)		-3.2E -1 ( -3.7 - 3.1)E 0 (0/ 26)	
Cs-137 (78) (0)	18	1.3E -2 ( -4.3 - 4.4)E 0 (0/ 52)	LF	3.0E -1 ( -4.0 - 5.8)E 0 (0/ 26)		3.0E -1 ( -4.0 - 5.8)E 0 (0/ 26)	
Ba-140 (78) (0)	60	-8.7E -1 ( -6.6 - 7.8)E 0 (0/ 52)	LF	1.6E 0 ( -6.1 - 14.0)E 0 (0/ 26)		1.6E 0 ( -6.1 - 14.0)E 0 (0/ 26)	
La-140 (78) (0)	15	-8.7E -1 ( -6.6 - 7.8)E 0 (0/ 52)	LF	1.6E 0 ( -6.1 - 14.0)E 0 (0/ 26)		1.6E 0 ( -6.1 - 14.0)E 0 (0/ 26)	
Ce-141 (78) (0)		-1.2E 0 ( -1.1 - 0.5)E 1 (0/ 52)	MR	-4.3E -1 ( -6.3 - 4.6)E 0 (0/ 26)		-1.6E 0 ( -9.9 - 4.3)E 0 (0/ 26)	

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

MEDIUM: Milk (TM) UNITS: pCi/liter

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Ce-144 (78) (0)		-1.4E 0 ( -1.6 - 2.6)E 1 (0/ 52)	MR	1.0E 0 ( -1.3 - 2.6)E 1 (0/ 26)	-2.6E 0 ( -2.3 - 1.5)E 1 (0/ 26)
Th-232 (78) (0)		-6.0E -1 ( -2.7 - 2.0)E 1 (0/ 52)	SF	2.0E -1 ( -1.5 - 2.0)E 1 (0/ 26)	-2.8E 0 ( -1.5 - 1.3)E 1 (0/ 26)

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2009)**  
**(continued)**

**MEDIUM: Fish (FH)    UNITS: pCi/kg**

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Be-7 (8) (0)		-4.7E 1 ( -1.5 - 0.2)E 2 (0/ 4)	OFS-S	8.0E 1 ( 0.0 - 1.6)E 2 (0/ 2)	3.6E 1 ( -6.5 - 16.0)E 1 (0/ 4)
K-40 (8) (0)		3.0E 3 ( 2.3 - 3.7)E 3 (4/ 4)	ONS-N	3.3E 3 ( 3.0 - 3.7)E 3 (2/ 2)	2.5E 3 ( 2.1 - 3.0)E 3 (4/ 4)
Cr-51 (8) (0)		1.0E 1 ( -6.8 - 20.0)E 1 (0/ 4)	ONS-N	8.0E 1 ( -4.0 - 20.0)E 1 (0/ 2)	8.0E 0 ( -1.6 - 1.4)E 2 (0/ 4)
Mn-54 (8) (0)	130	1.0E 0 ( -4.0 - 11.0)E 0 (0/ 4)	OFS-S	8.5E 0 ( 6.0 - 11.0)E 0 (0/ 2)	6.3E 0 ( -9.0 - 17.0)E 0 (0/ 4)
Co-57 (8) (0)		-6.7E 0 ( -2.2 - 0.5)E 1 (0/ 4)	OFS-S	4.7E 0 ( 2.7 - 6.6)E 0 (0/ 2)	4.1E 0 ( 2.7 - 6.6)E 0 (0/ 4)
Co-58 (8) (0)	130	5.7E 0 ( -4.0 - 10.0)E 0 (0/ 4)	OFS-N	9.5E 0 ( 4.0 - 15.0)E 0 (0/ 2)	6.8E 0 ( -5.0 - 15.0)E 0 (0/ 4)
Fe-59 (8) (0)	260	-3.0E 0 ( -4.3 - 1.8)E 1 (0/ 4)	OFS-S	4.5E 1 ( 1.9 - 7.1)E 1 (0/ 2)	2.4E 1 ( -5.0 - 71.0)E 0 (0/ 4)
Co-60 (8) (0)	130	-3.0E -1 ( -1.2 - 1.1)E 1 (0/ 4)	OFS-N	9.0E 0 ( -2.0 - 20.0)E 0 (0/ 2)	5.0E 0 ( -8.0 - 20.0)E 0 (0/ 4)
Zn-65 (8) (0)	260	-1.3E 1 ( -5.9 - 3.2)E 1 (0/ 4)	OFS-N	1.8E 1 ( 1.4 - 2.2)E 1 (0/ 2)	-1.0E 0 ( -4.0 - 2.2)E 1 (0/ 4)
Se-75 (8) (0)		1.0E 1 ( 0.0 - 2.0)E 1 (0/ 4)	ONS-N	1.0E 1 ( 0.0 - 2.0)E 1 (0/ 2)	-2.0E 0 ( -2.0 - 1.5)E 1 (0/ 4)
Nb-95 (8) (0)		-4.8E 0 ( -1.8 - 0.4)E 1 (0/ 4)	OFS-S	1.4E 1 ( 1.4 - 1.4)E 1 (0/ 2)	1.1E 1 ( 1.0 - 15.0)E 0 (0/ 4)

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2009)**  
**(continued)**

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**	
Zr-95 (8) (0)		-1.3E 0 ( -2.4 - 1.8)E 1 (0/ 4)		ONS-N	7.5E 0 ( -3.0 - 18.0)E 0 (0/ 2)	-2.4E 1 ( -6.9 - 1.7)E 1 (0/ 4)	
Ru-103 (8) (0)		-6.1E 0 ( -1.8 - 0.3)E 1 (0/ 4)		OFS-N	0.0E 0 ( -1.4 - 1.4)E 1 (0/ 2)	-3.8E 0 ( -2.2 - 1.4)E 1 (0/ 4)	
Ru-106 (8) (0)		-7.3E 1 ( -2.0 - 1.9)E 2 (0/ 4)		OFS-S	3.0E 1 ( -1.3 - 1.9)E 2 (0/ 2)	-2.8E 1 ( -1.7 - 1.9)E 2 (0/ 4)	
Ag-108m (8) (0)		-5.0E -1 ( -1.2 - 1.3)E 1 (0/ 4)		ONS-S	9.4E 0 ( 5.9 - 13.0)E 0 (0/ 2)	-6.7E 0 ( -1.9 - 0.4)E 1 (0/ 4)	
Ag-110m (8) (0)		-2.5E 0 ( -1.8 - 1.3)E 1 (0/ 4)		OFS-S	1.7E 1 ( 7.0 - 27.0)E 0 (0/ 2)	1.3E 1 ( -6.0 - 27.0)E 0 (0/ 4)	
Sb-124 (8) (0)		3.8E 1 ( 8.0 - 56.0)E 0 (0/ 4)		ONS-N	4.4E 1 ( 3.2 - 5.6)E 1 (0/ 2)	-6.5E 0 ( -2.1 - 1.5)E 1 (0/ 4)	
Sb-125 (8) (0)		9.5E 0 ( -1.0 - 39.0)E 0 (0/ 4)		ONS-S	2.0E 1 ( 0.0 - 3.9)E 1 (0/ 2)	-1.1E 1 ( -3.1 - 1.8)E 1 (0/ 4)	
I-131 (8) (0)		-3.5E 0 ( -2.9 - 4.0)E 1 (0/ 4)		OFS-S	2.4E 1 ( 2.2 - 2.5)E 1 (0/ 2)	1.7E 1 ( -1.7 - 3.6)E 1 (0/ 4)	
Cs-134 (8) (0)	130	2.5E -1 ( -7.7 - 9.0)E 0 (0/ 4)		OFS-N	6.0E 0 ( 2.0 - 9.9)E 0 (0/ 2)	-1.0E 0 ( -1.8 - 1.0)E 1 (0/ 4)	
Cs-137 (8) (0)	150	1.9E 1 ( 9.1 - 36.0)E 0 (0/ 4)		ONS-N	2.9E 1 ( 2.2 - 3.6)E 1 (0/ 2)	3.3E 0 ( -7.0 - 8.0)E 0 (0/ 4)	
Ba-140 (8) (0)		1.2E 1 ( -1.2 - 4.9)E 1 (0/ 4)		ONS-N	3.1E 1 ( 1.2 - 4.9)E 1 (0/ 2)	6.5E 0 ( -1.3 - 2.0)E 1 (0/ 4)	
La-140 (8) (0)		1.2E 1 ( -1.2 - 4.9)E 1 (0/ 4)		ONS-N	3.1E 1 ( 1.2 - 4.9)E 1 (0/ 2)	6.5E 0 ( -1.3 - 2.0)E 1 (0/ 4)	
Ce-141 (8) (0)		-1.5E 1 ( -2.7 - 0.5)E 1 (0/ 4)		OFS-N	1.8E 1 ( 9.0 - 27.0)E 0 (0/ 2)	3.5E 0 ( -1.8 - 2.7)E 1 (0/ 4)	

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

**MEDIUM: Fish (FH) UNITS: pCi/kg**

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
<b>Ce-144</b>	(8) (0)	4.5E 1 ( -6.1 - 11.2)E 1 (0/ 4)	ONS-N	1.1E 2 ( 1.0 - 1.1)E 2 (0/ 2)	2.9E 1 ( -3.3 - 5.3)E 1 (0/ 4)
<b>Th-232</b>	(8) (0)	1.0E 0 ( -7.6 - 4.0)E 1 (0/ 4)	ONS-N	3.2E 1 ( 2.3 - 4.0)E 1 (0/ 2)	8.0E 0 ( -1.6 - 2.9)E 1 (0/ 4)

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

**MEDIUM: Food Products [Grapes] (TF)    UNITS: pCi/kg wet**

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Be-7 (4) (0)		8.7E 1 ( 7.2 - 10.2)E 1 (0/ 2)	OFS-G	1.1E 2 ( 9.9 - 11.4)E 1 (0/ 2)	1.1E 2 ( 9.9 - 11.4)E 1 (0/ 2)
K-40 (4) (0)		2.5E 3 ( 2.3 - 2.7)E 3 (2/ 2)	OFS-G	2.7E 3 ( 1.9 - 3.4)E 3 (2/ 2)	2.7E 3 ( 1.9 - 3.4)E 3 (2/ 2)
Cr-51 (4) (0)		4.1E 1 ( 2.6 - 5.6)E 1 (0/ 2)	ONS-G	4.1E 1 ( 2.6 - 5.6)E 1 (0/ 2)	-2.5E 0 ( -3.9 - 3.4)E 1 (0/ 2)
Mn-54 (4) (0)		7.5E 0 ( 4.5 - 10.4)E 0 (0/ 2)	ONS-G	7.5E 0 ( 4.5 - 10.4)E 0 (0/ 2)	7.2E 0 ( -1.0 - 145.0)E -1 (0/ 2)
Co-57 (4) (0)		-4.3E 0 ( -6.4 - -2.1)E 0 (0/ 2)	OFS-G	-1.3E 0 ( -5.8 - 3.1)E 0 (0/ 2)	-1.3E 0 ( -5.8 - 3.1)E 0 (0/ 2)
Co-58 (4) (0)		-9.4E 0 ( -1.1 - -0.8)E 1 (0/ 2)	OFS-G	7.5E -1 ( -5.6 - 7.1)E 0 (0/ 2)	7.5E -1 ( -5.6 - 7.1)E 0 (0/ 2)
Fe-59 (4) (0)		1.3E 1 ( 6.0 - 19.0)E 0 (0/ 2)	ONS-G	1.3E 1 ( 6.0 - 19.0)E 0 (0/ 2)	-1.7E 1 ( -1.8 - -1.6)E 1 (0/ 2)
Co-60 (4) (0)		-6.8E 0 ( -7.1 - -6.5)E 0 (0/ 2)	ONS-G	-6.8E 0 ( -7.1 - -6.5)E 0 (0/ 2)	-1.0E 1 ( -1.9 - -0.2)E 1 (0/ 2)
Zn-65 (4) (0)		-2.5E 0 ( -6.0 - 1.0)E 0 (0/ 2)	ONS-G	-2.5E 0 ( -6.0 - 1.0)E 0 (0/ 2)	-4.5E 0 ( -5.0 - -4.0)E 0 (0/ 2)
Se-75 (4) (0)		8.0E 0 ( 5.5 - 10.5)E 0 (0/ 2)	ONS-G	8.0E 0 ( 5.5 - 10.5)E 0 (0/ 2)	-1.9E 0 ( -4.0 - 0.2)E 0 (0/ 2)
Nb-95 (4) (0)		1.0E 1 ( 8.8 - 11.7)E 0 (0/ 2)	ONS-G	1.0E 1 ( 8.8 - 11.7)E 0 (0/ 2)	-4.4E 0 ( -5.5 - -3.3)E 0 (0/ 2)

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**		
Zr-95 (4) (0)		2.3E 0 ( 1.0 - 3.6)E 0 (0/ 2)	ONS-G	2.3E 0 ( 1.0 - 3.6)E 0 (0/ 2)	8.0E -1 ( -1.0 - 1.2)E 1 (0/ 2)		
Ru-103 (4) (0)		6.5E -1 ( -2.6 - 3.9)E 0 (0/ 2)	ONS-G	6.5E -1 ( -2.6 - 3.9)E 0 (0/ 2)	-5.0E 0 ( -7.9 - -2.0)E 0 (0/ 2)		
Ru-106 (4) (0)		6.5E 0 ( -4.9 - 6.2)E 1 (0/ 2)	ONS-G	6.5E 0 ( -4.9 - 6.2)E 1 (0/ 2)	5.0E -1 ( -1.0 - 1.0)E 2 (0/ 2)		
Ag-108m (4) (0)		-5.0E -2 ( -5.1 - 5.0)E 0 (0/ 2)	ONS-G	-5.0E -2 ( -5.1 - 5.0)E 0 (0/ 2)	-2.5E 0 ( -9.5 - 4.5)E 0 (0/ 2)		
Ag-110m (4) (0)		-5.6E 0 ( -7.9 - -3.3)E 0 (0/ 2)	ONS-G	-5.6E 0 ( -7.9 - -3.3)E 0 (0/ 2)	-7.3E 0 ( -9.5 - -5.0)E 0 (0/ 2)		
Sb-124 (4) (0)		2.0E 0 ( -3.0 - 7.0)E 0 (0/ 2)	ONS-G	2.0E 0 ( -3.0 - 7.0)E 0 (0/ 2)	-2.2E 1 ( -3.5 - -0.9)E 1 (0/ 2)		
Sb-125 (4) (0)		-5.0E -1 ( -5.0 - 4.0)E 0 (0/ 2)	ONS-G	-5.0E -1 ( -5.0 - 4.0)E 0 (0/ 2)	-2.4E 1 ( -4.1 - -0.7)E 1 (0/ 2)		
I-131 (8) (0)	60	-7.1E 0 ( -2.4 - 1.6)E 1 (0/ 4)	OFS-G	7.0E 0 ( -5.9 - 18.0)E 0 (0/ 4)	7.0E 0 ( -5.9 - 18.0)E 0 (0/ 4)		
Cs-134 (4) (0)	60	2.0E -1 ( -1.9 - 2.3)E 0 (0/ 2)	OFS-G	6.6E 0 ( 6.5 - 6.7)E 0 (0/ 2)	6.6E 0 ( 6.5 - 6.7)E 0 (0/ 2)		
Cs-137 (4) (0)	60	2.2E 0 ( 2.1 - 2.3)E 0 (0/ 2)	OFS-G	4.0E 0 ( 0.0 - 8.0)E 0 (0/ 2)	4.0E 0 ( 0.0 - 8.0)E 0 (0/ 2)		
Ba-140 (4) (0)		-9.0E 0 ( -2.0 - 0.2)E 1 (0/ 2)	OFS-G	1.5E 1 ( 0.0 - 3.0)E 1 (0/ 2)	1.5E 1 ( 0.0 - 3.0)E 1 (0/ 2)		
La-140 (4) (0)		-9.0E 0 ( -2.0 - 0.2)E 1 (0/ 2)	OFS-G	1.5E 1 ( 0.0 - 3.0)E 1 (0/ 2)	1.5E 1 ( 0.0 - 3.0)E 1 (0/ 2)		
Ce-141 (4) (0)		7.2E 0 ( 1.8 - 12.5)E 0 (0/ 2)	ONS-G	7.2E 0 ( 1.8 - 12.5)E 0 (0/ 2)	-8.1E 0 ( -2.1 - 0.5)E 1 (0/ 2)		

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

**MEDIUM: Food Products [Grapes] (TF)      UNITS: pCi/kg wet**

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Ce-144 (4) (0)		-5.0E -1 ( -4.0 - 3.0)E 0 (0/ 2)	ONS-G	-5.0E -1 ( -4.0 - 3.0)E 0 (0/ 2)	-1.5E 0 ( -3.0 - 0.0)E 0 (0/ 2)
Th-232 (4) (0)		-1.7E 1 ( -4.1 - 0.8)E 1 (0/ 2)	OFS-G	-5.0E -1 ( -1.4 - 1.3)E 1 (0/ 2)	-5.0E -1 ( -1.4 - 1.3)E 1 (0/ 2)

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.



Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
Be-7 (20) (0)		1.5E 3 ( 7.1 - 389.0)E 1 (13/ 15)	EAST ONS-V	1.9E 3 ( 4.5 - 38.9)E 2 (5/ 5)	7.5E 2 ( 3.4 - 14.0)E 2 (4/ 5)
K-40 (20) (0)		2.6E 3 ( 8.2 - 41.6)E 2 (15/ 15)	WEST ONS-V	3.0E 3 ( 8.2 - 36.5)E 2 (5/ 5)	2.6E 3 ( 1.7 - 4.2)E 3 (5/ 5)
Cr-51 (20) (0)		3.1E 0 ( -3.8 - 3.3)E 2 (0/ 15)	EAST ONS-V	6.1E 1 ( -1.1 - 3.3)E 2 (0/ 5)	-1.6E 1 ( -1.3 - 0.9)E 2 (0/ 5)
Mn-54 (20) (0)		-2.6E -1 ( -2.5 - 3.0)E 1 (0/ 15)	OFS-V	5.9E 0 ( -4.4 - 16.0)E 0 (0/ 5)	5.9E 0 ( -4.4 - 16.0)E 0 (0/ 5)
Co-57 (20) (0)		-1.0E 0 ( -1.1 - 0.7)E 1 (0/ 15)	WEST ONS-V	3.6E 0 ( 1.2 - 6.5)E 0 (0/ 5)	2.3E 0 ( -3.5 - 6.5)E 0 (0/ 5)
Co-58 (20) (0)		-8.4E -1 ( -2.3 - 1.6)E 1 (0/ 15)	EAST ONS-V	2.3E 0 ( -6.0 - 10.6)E 0 (0/ 5)	-9.1E 0 ( -4.3 - 0.8)E 1 (0/ 5)
Fe-59 (20) (0)		1.5E 0 ( -6.7 - 6.0)E 1 (0/ 15)	EAST ONS-V	5.6E 0 ( -8.0 - 18.0)E 0 (0/ 5)	4.6E 0 ( -5.0 - 3.1)E 1 (0/ 5)
Co-60 (20) (0)		1.3E 0 ( -1.4 - 1.5)E 1 (0/ 15)	WEST ONS-V	5.0E 0 ( -4.0 - 13.9)E 0 (0/ 5)	-8.1E 0 ( -4.0 - 0.6)E 1 (0/ 5)
Zn-65 (20) (0)		-1.1E 1 ( -8.7 - 4.2)E 1 (0/ 15)	OFS-V	5.4E 0 ( -3.7 - 3.6)E 1 (0/ 5)	5.4E 0 ( -3.7 - 3.6)E 1 (0/ 5)
Se-75 (20) (0)		-1.6E 0 ( -1.9 - 2.1)E 1 (0/ 15)	OFS-V	4.5E 0 ( -3.3 - 13.0)E 0 (0/ 5)	4.5E 0 ( -3.3 - 13.0)E 0 (0/ 5)
Nb-95 (20) (0)		-5.0E -1 ( -3.0 - 2.0)E 1 (0/ 15)	WEST ONS-V	7.0E 0 ( -4.0 - 20.0)E 0 (0/ 5)	-4.2E 0 ( -2.7 - 0.5)E 1 (0/ 5)

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2009)**  
**(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations		Station With Highest Mean		Control Stations	
		Mean Range No. Detected**		Station	Mean Range No. Detected**	Mean Range No. Detected**	
Zr-95 (20) (0)		8.4E 0 ( -2.7 - 3.5)E 1 (0/ 15)		EAST ONS-V	2.4E 1 ( 1.3 - 3.5)E 1 (0/ 5)	-4.8E 0 ( -2.9 - 1.9)E 1 (0/ 5)	
Ru-103 (20) (0)		-4.0E 0 ( -3.0 - 3.5)E 1 (0/ 15)		OFS-V	1.1E 0 ( -7.0 - 10.0)E 0 (0/ 5)	1.1E 0 ( -7.0 - 10.0)E 0 (0/ 5)	
Ru-106 (20) (0)		-6.1E 0 ( -1.6 - 2.0)E 2 (0/ 15)		OFS-V	1.4E 1 ( -7.0 - 7.9)E 1 (0/ 5)	1.4E 1 ( -7.0 - 7.9)E 1 (0/ 5)	
Ag-108m (20) (0)		6.6E -1 ( -2.1 - 1.4)E 1 (0/ 15)		OFS-V	6.0E 0 ( -1.3 - 19.6)E 0 (0/ 5)	6.0E 0 ( -1.3 - 19.6)E 0 (0/ 5)	
Ag-110m (20) (0)		-2.8E 0 ( -3.4 - 3.7)E 1 (0/ 15)		MIDD ONS-V	2.8E 0 ( -2.1 - 2.9)E 1 (0/ 5)	2.0E 0 ( -1.4 - 2.0)E 1 (0/ 5)	
Sb-124 (20) (0)		-4.5E 0 ( -1.0 - 0.6)E 2 (0/ 15)		WEST ONS-V	2.0E 1 ( -1.9 - 6.4)E 1 (0/ 5)	-6.0E -1 ( -4.0 - 3.7)E 1 (0/ 5)	
Sb-125 (20) (0)		-1.3E 0 ( -7.6 - 6.7)E 1 (0/ 15)		MIDD ONS-V	2.0E 1 ( -2.9 - 6.7)E 1 (0/ 5)	1.0E 1 ( -1.2 - 4.0)E 1 (0/ 5)	
I-131 (20) (0)	60	5.1E 0 ( -9.1 - 53.0)E 0 (0/ 15)		WEST ONS-V	1.0E 1 ( -9.1 - 53.0)E 0 (0/ 5)	3.6E 0 ( -4.8 - 10.0)E 0 (0/ 5)	
Cs-134 (20) (0)	60	-2.5E 0 ( -2.0 - 0.8)E 1 (0/ 15)		OFS-V	3.4E 0 ( -4.1 - 9.7)E 0 (0/ 5)	3.4E 0 ( -4.1 - 9.7)E 0 (0/ 5)	
Cs-137 (20) (0)	60	3.9E 0 ( -1.7 - 3.2)E 1 (0/ 15)		WEST ONS-V	4.8E 0 ( -5.0 - 24.0)E 0 (0/ 5)	-9.8E 0 ( -3.7 - 0.2)E 1 (0/ 5)	
Ba-140 (20) (0)		-5.7E 0 ( -1.2 - 1.1)E 2 (0/ 15)		MIDD ONS-V	-1.2E 0 ( -8.3 - 11.0)E 1 (0/ 5)	-7.0E 0 ( -3.2 - 2.8)E 1 (0/ 5)	
La-140 (20) (0)		-5.7E 0 ( -1.2 - 1.1)E 2 (0/ 15)		MIDD ONS-V	-1.2E 0 ( -8.3 - 11.0)E 1 (0/ 5)	-7.0E 0 ( -3.2 - 2.8)E 1 (0/ 5)	
Ce-141 (20) (0)		2.5E 0 ( -4.1 - 5.2)E 1 (0/ 15)		MIDD ONS-V	8.6E 0 ( -1.0 - 41.0)E 0 (0/ 5)	-6.6E 0 ( -2.0 - 1.0)E 1 (0/ 5)	

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2009)  
(continued)**

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

Radionuclides (No. Analyses) Non-Routine*	Required LLD	Indicator Stations	Station With Highest Mean		Control Stations
		Mean Range No. Detected**	Station	Mean Range No. Detected**	Mean Range No. Detected**
<b>Ce-144</b> (20) (0)		1.9E 0 ( -1.1 - 1.0)E 2 (0/ 15)	WEST ONS-V	2.7E 1 ( -6.0 - 58.0)E 0 (0/ 5)	1.2E 1 ( -3.8 - 7.4)E 1 (0/ 5)
<b>Th-232</b> (20) (0)		1.6E 1 ( -7.6 - 12.6)E 1 (0/ 15)	MIDD ONS-V	3.7E 1 ( -1.1 - 12.6)E 1 (0/ 5)	-1.7E 1 ( -5.5 - 4.8)E 1 (0/ 5)

\* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM

\*\* The fraction of sample analyses yielding detectable measurements (i.e., > 3 standard deviations) is shown in parantheses.

**Table 3.2**  
**2009**  
**Environmental TLD Exposure Rate Measurements**  
**( $\mu$ R/hr)**

	<b>Indicator TLDs</b>	<b>Control TLDs</b>	<b>Highest Mean (SBN)</b>
<b>Mean</b>	<b>5.2 <math>\pm</math> 0.5</b>	<b>5.8 <math>\pm</math> 0.8</b>	<b>7.4 <math>\pm</math> 0.5</b>
<b>Range</b>	<b>4.2 - 6.1</b>	<b>4.4 - 8.2</b>	<b>6.9-8.2</b>
<b>No. of Measurements*</b>	<b>48</b>	<b>60</b>	<b>4</b>

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

Table 3.3

**2009  
ENVIRONMENTAL TLD DATA SUMMARY**

Exposure Rate  
( $\mu\text{R/hr} \pm 1 \text{ std. dev.}$ )

Station Number	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Average Annual Exposure Rate ( $\mu\text{R/hr}$ )
T-01	5.7 $\pm$ 0.7	4.8 $\pm$ 0.1	5.5 $\pm$ 0.4	5.6 $\pm$ 0.3	5.4
T-02	5.1 $\pm$ 0.4	4.6 $\pm$ 0.1	5.5 $\pm$ 0.3	5.2 $\pm$ 0.3	5.1
T-03	4.8 $\pm$ 0.5	4.2 $\pm$ 0.2	4.6 $\pm$ 0.2	4.9 $\pm$ 0.3	4.6
T-04	6.1 $\pm$ 0.6	5.2 $\pm$ 0.2	6.1 $\pm$ 0.3	5.8 $\pm$ 0.3	5.8
T-05	5.0 $\pm$ 0.4	4.7 $\pm$ 0.2	5.9 $\pm$ 0.3	5.4 $\pm$ 0.3	5.2
T-06	5.0 $\pm$ 0.2	4.5 $\pm$ 0.1	5.6 $\pm$ 0.4	5.6 $\pm$ 0.4	5.2
T-07	5.1 $\pm$ 0.2	4.5 $\pm$ 0.1	5.7 $\pm$ 0.3	5.5 $\pm$ 0.4	5.2
T-08	5.0 $\pm$ 0.3	4.8 $\pm$ 0.2	5.6 $\pm$ 0.3	5.5 $\pm$ 0.4	5.2
T-09	5.2 $\pm$ 0.5	4.8 $\pm$ 0.1	5.3 $\pm$ 0.4	5.4 $\pm$ 0.4	5.2
T-10	5.4 $\pm$ 0.4	4.8 $\pm$ 0.3	5.7 $\pm$ 0.3	5.7 $\pm$ 0.3	5.4
T-11	5.2 $\pm$ 0.4	4.7 $\pm$ 0.2	5.6 $\pm$ 0.3	5.9 $\pm$ 0.3	5.4
T-12	4.9 $\pm$ 0.3	4.8 $\pm$ 0.2	5.5 $\pm$ 0.2	5.5 $\pm$ 0.3	5.2
NBF	5.8 $\pm$ 0.3	5.4 $\pm$ 0.1	6.6 $\pm$ 0.4	6.1 $\pm$ 0.3	6.0
SBN	6.9 $\pm$ 0.5	7.1 $\pm$ 0.2	8.2 $\pm$ 0.4	7.6 $\pm$ 0.4	7.4
DOW	4.8 $\pm$ 0.3	4.6 $\pm$ 0.2	5.3 $\pm$ 0.2	5.4 $\pm$ 0.3	5.0
COL	4.8 $\pm$ 0.4	4.4 $\pm$ 0.1	5.4 $\pm$ 0.5	5.2 $\pm$ 0.3	5.0
OFT-1	5.0 $\pm$ 0.2	4.8 $\pm$ 0.2	5.7 $\pm$ 0.3	5.5 $\pm$ 0.4	5.2
OFT-2	5.1 $\pm$ 0.2	5.1 $\pm$ 0.2	6.2 $\pm$ 0.3	5.8 $\pm$ 0.3	5.5
OFT-3	5.2 $\pm$ 0.2	5.2 $\pm$ 0.1	5.8 $\pm$ 0.3	5.6 $\pm$ 0.4	5.5
OFT-4	5.4 $\pm$ 0.3	5.6 $\pm$ 0.2	6.2 $\pm$ 0.2	6.2 $\pm$ 0.3	5.8
OFT-5	5.2 $\pm$ 0.3	5.2 $\pm$ 0.2	6.3 $\pm$ 0.4	5.8 $\pm$ 0.4	5.6
OFT-6	6.5 $\pm$ 0.8	6.5 $\pm$ 0.2	7.9 $\pm$ 0.6	6.7 $\pm$ 0.4	6.9
OFT-7	5.2 $\pm$ 0.2	5.4 $\pm$ 0.2	6.0 $\pm$ 0.3	5.4 $\pm$ 0.4	5.5
OFT-8	6.1 $\pm$ 0.4	6.1 $\pm$ 0.3	6.8 $\pm$ 0.3	6.4 $\pm$ 0.4	6.4
OFT-9	5.8 $\pm$ 0.3	5.8 $\pm$ 0.2	6.1 $\pm$ 0.4	6.2 $\pm$ 0.7	6.0
OFT-10	4.9 $\pm$ 0.2	4.9 $\pm$ 0.1	5.8 $\pm$ 0.3	5.5 $\pm$ 0.3	5.3
OFT-11	5.8 $\pm$ 0.3	5.9 $\pm$ 0.2	7.1 $\pm$ 0.3	8.1 $\pm$ 0.4	6.7

## 4.0 ANALYSIS OF ENVIRONMENTAL RESULTS

### 4.1 Sampling Program Deviations

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

All deviations from the sampling schedule shall be documented in the Annual Radiological Environmental Operating Report pursuant to Section 3.5.2 of the ODCM. The following deviations were noted for the 2009 sampling program:

1. 1/01/09 to 3/8/09: Due to personnel safety/seasonal unavailability issues (extremely harsh weather conditions and/or ice build up along the shoreline) routine sampling of Lake Michigan Surface Water at SWL-2 and SWL-3 was not performed. Data sheet 1, Documentation of Unavailable samples, of 12-THP-6010-RPP-630 was written to document this event. Actions to prevent recurrence of this issue are not practical at this time.
2. 1/01/09 to 12/31/09: The required number of indicator milk samples (minimum of three) was not collected due to the retirement of Glen Troy Farm's operator and failure to locate a suitable replacement farm.

This occurrence was documented using data sheet 1 (Documentation of Unavailable Samples) to 12-THP-6010-RPP-630 and in plant Condition Report 04351048.

Environmental Section personnel implemented OSD-001 required broadleaf sampling (monthly when available) per 12-THP-6010-RPP-638 "Collection of Grape and Broadleaf Samples" on 10/19/05.

The REMP Coordinator determined:

- a. Milk sampling would remain in effect at the three remaining locations (2 Indicator, 1 Control) in anticipation that an additional indicator farm or other suitable sampling regimen would be identified.
  - b. Actions to prevent recurrence of this issue are not practical at this time.
3. 1/1/09 to 5/28/09 and 9/29/09 to 12/31/09: Due to the seasonal unavailability of suitable vegetation, "Broadleaf In Lieu Of Milk" vegetation samples were not collected during these two periods.

These occurrences were documented using data sheet 1 (Documentation of Unavailable Samples) to 12-THP-6010-RPP-630.

Appropriate actions to identify vegetation continued throughout this time period. These actions consisted primarily of periodic inspections of sample collection areas.

No actions to prevent recurrence of this issue were identified at this time.

4. 01/22/2009 – The frequency of quarterly groundwater samples at Radiological Environmental Monitoring Program (REMP) wells W-4 and W-9 was 93 days. This exceeds the PMP-6010-OSD-001, Off-site Dose Calculation Manual, specified frequency of 92 days, but is within the 25 percent extension period allowed by the procedure. The sample period was extended due to poor weather conditions during the regularly scheduled groundwater collection period. The REMP Coordinator extended the sampling period per OSD-001 to ensure the groundwater samples could be collected safely. No CNP AR was generated due to the allocation falling within the bounds of the procedure.
5. 01/21/2009 – Collection of ground water sample from REMP well W-7 was delayed two days (94 day frequency) due to a loss of power at an overprotected power supply. This resulted in exceeding the specified frequency of 92 days, but is within the 25 percent extension period allowed by PMP-6010-OSD-001, Off-site Dose Calculation Manual. The outlet was replaced on 1/21/09 and the sample was collected on 1/23/09. CNP AR 844807 was generated to track this incident.
6. 02/18/2009 (ONS-2) – During weekly collection of environmental air samples the totalizer on air sample pump AVS28-6273 at air sample station ONS-2 lost its digital display when the pump was stopped. The sample information display went blank and read 'This unit un-calibrated'. Sample elapsed time was determined by subtracting the date and time (1315) of collection from 2/18/2009 from the date and time (1304) of collection from 2/11/2009. This equated to 168 hours and 11 minutes. Sample volume was estimated based on the sample elapsed time and the as found flow rate of the sample pump (59 liters per minute). This equates to 595.37 cubic meters. The offsite vendor for REMP samples (AREVA NP) was contacted with this information. CNP AR 846536 was generated to track and trend this issue. The totalizer was taken out of service on 2/18/09
7. 03/09/2009 – 03/10/2009 (ONS-2) – AC power loss to Air Station ONS-2 for approximately 25 hours, due to an EP power outage for a critical maintenance project. Data Sheet 1, Documentation of Unavailable Samples, of 12-THP-6010-RPP-630 was written to document this event. Cook Nuclear Plant (CNP) Action Request (AR) 851376 generated to track this incident. Action Request (AR) 853640 was generated on 6/26/2009 to document corrective actions taken to prevent power losses at Radiological Environmental Monitoring Program air sample station ONS-2 due to planned work activities.

8. 04/15/2009 (ONS-1) - During a review of REMP air sample collection documentation, the Elapsed Time (164:24) at onsite locations ONS-1 was approximately 4 hours lower than all other samples collected (10 total samples). This sample was collected on April 15, 2009 and spans the week of April 8, 2009 through the 15th. All other samples collected during this week had Elapsed Time readings between 168:20 and 168:32. The sample volume was not affected and the sampling equipment was operating appropriately when the sample was collected. According to the Benton Harbor Service Center (Outage #89779-1) power was lost at this location due to a vehicle accident with a pole on Red Arrow Highway breaking a cross arm and knocking out most of the circuit on April 11, 2009 at 0219. According to the outage report, power was restored at 0610. Telemetric remote monitoring equipment installed at ONS-1 indicated a power restoration call at 0613 on April 11, 2009. No evaluation of this issue is required.
9. 06/03/09 (ONS-2) -There was a reduced run time of about six hours at ONS-2, due to a planned power outage. Temporary power was set up on 6/2/09 at 12:20 to reduce the duration of the run time loss. AR #851376 was generated to document this incident. This occurrence was documented using data sheet 1 (Documentation of Unavailable Samples) to 12-THP-6010-RPP-630.
10. 6/10/2009 (ONS-5) - Following a review of air sample collection documentation for the REMP, it appears as though there was a loss of power at air sampling station ONS-5 for approximately 25 hours. ONS-5 is located off Livingston Road just south of the plant. As recorded, the elapsed time was 142.33 hours. The remaining nine air sampling stations averaged 167 hours during this same time period. The time period in question was during June 10, 2009 through June 17, 2009. ONS-5 is powered via BE0365000137 transformer pole and BE0365000179 service pole off Livingston Road. I&M Distribution personnel in Benton Harbor were contacted regarding this issue. Though severe weather was in the area at this time, they have no records of a power outage during this time period that would have impacted this location. Adequate sample was collected for analysis. Due to the nature of this condition and the source of the power outage unknown, AR #85389 was generated as a tracking mechanism of this incident. This occurrence was documented using data sheet 1 (Documentation of Unavailable Samples) to 12-THP-6010-RPP-630.
11. 6/17/2009 – 6/24/2009 (ONS-1) - Air Sample Station ONS-1 had a 6 hour runtime shortage of an expected 168 hours. A temporary power outage occurred on 6/19/09. Notification of the power interruption was not received from the Telemetric monitoring system. Data sheet 1, Documentation of Unavailable samples, of 12-THP-6010-RPP-630 was written to document this event. AR #862271 was written to track the Telemetric monitoring system issue.
12. 07/01/09 (ONS-5) - When performing media changeout on REMP air station ONS-5, no display was on the Air Volume Totalizer (AVT) (Sample pump/AVT # 6265: Cal Due Date 7-31-09) where sample elapsed time, flow-rate, and total sample volume should have been displayed. Pressing the STOP button at this time had no effect. The pump/totalizer was turned OFF using the switch at the bottom of the AVT and the pump shut down. It was turned back ON and the



display lit up with what is suspected to have been the current elapsed time and accumulated sample volume. The information displayed indicated that the pump had not run for 65 of the 167 hour run time expected and sample volume was 220 cubic meters lower than the expected 600 cubic meters. The information was recorded and the AVT reset. The sample media was replaced, and all indications appeared normal. After contact with the REMP coordinator, the sample pump was replaced using new sample pump/AVT #6271 (Cal Due Date 6-8-2010). AR #09182043 was written to document this issue. These occurrences were documented using data sheet 1 (Documentation of Unavailable Samples) of 12-THP-6010-RPP-630.

13. 7/29/2009 (ONS-1) - During weekly collection of environmental air samples for the REMP on 07/29/2009, the totalizer digital display on air sample pump AVS28-6270 at air station ONS-1, read all zeros. Sample elapsed time and volume could not be recorded due to the totalizer display of zero. Sample elapsed time was determined by subtracting the date and time (1252) of collection from 07/22/2009 from the date and time (1228) of collection on 07/29/2009. This equates to 167 hours and 32 minutes. Sample volume was estimated based on the sample elapsed time and the as left flow rate (6l liters per minute) from 07/22/2009. This equates to 613.17 cubic meters. The REMP Coordinator was notified and the air sampling pump AVS28-6270 was replaced with spare pump AVS28-6261. AVS28-6270 was taken out of service per procedure and given to RP Instrumentation for evaluation. Data sheet 1, Documentation of Unavailable sample, from 12-THP-6010-RPP-630 was initiated to document the issue. AR #09212046 written to document this issue.
14. 8/26/09 (SBN) – The South Bend (SBN) background Air Station runtime was about 11 hours short of an expected 168 hours spanning the dates of 8/19/09 to 8/26/09. A possible power outage (although unsubstantiated) may have occurred at this location. CNP AR #2010-2377 was written to document this incident. These occurrences were documented using data sheet 1 (Documentation of Unavailable Samples) to 12-THP-6010-RPP-630. No actions to prevent recurrence of this issue have been identified at this time
15. 9/02/09 (NBF) – NBF Air Station was powered down due to construction at the sub-station. The duration of the power interruption was 2 hours and 18 minutes. The normal run-time of the sampling equipment is approximately 168 hours. The necessary power outage was discussed in advance with New Buffalo Sub-station personnel. Contingency measures were ready if it became necessary to extend the outage significantly. This air station is one of four control air stations. All on-site and other control samples collected were the expected sample times and volumes. Data sheet 1, Documentation of Unavailable Samples, of 12-THP-6010-RPP-630 was written to document this event. Action Request # 09246035 was written to document this issue. No further investigation required.
16. 10/7/09 (ONS-1) – Air Sample Station ONS-1 had a 5 hour runtime shortage of an expected 168 hours. A temporary power outage of some kind is the suspected cause. Data sheet 1, Documentation of Unavailable samples, of 12-THP-6010-RPP-630 was written to document this event. The Benton Harbor Service Center was contacted on this issue and they had no record of any power

outage in that area. Cook Nuclear Plant (CNP) Action Request (AR) #859047 was generated to track this event. AR #854416 was generated to document tree trimming activities at air sample stations ONS-1, 2 and 5 that would improve reliability by reducing the potential of damage caused by fallen trees and or branches.

17. 12/16/09 (COL) – The Coloma (COL) Air Sampling Station air sampling pump was not running when the technician went to collect the sample. A transformer fire in the sub-station switch yard, where the air sampler is located, took out all power to the switch yard. Power was restored to the Air sampling equipment on 12/17/09. This incident caused a sample run time shortage of about 91 hours during the sampling period from 12/9/09 to 12/16/09 and 23 hours from 12/16/09 to 12/23/09. Data sheet 1, Documentation of Unavailable samples, of 12-THP-6010-RPP-630 was written to document this event. Cook Nuclear Plant (CNP) AR #09351068 was generated to track this event. Work will be done on the Telemetric monitoring system to restore reliable notification of power interruptions to the air sampling stations. AR #862271 was written to track the Telemetric monitoring system issue.
18. 12/15/2009 TLD OFT-5 (Shawnee West of Cleveland): TLD housing and TLD were missing during the quarterly collection period at OFT-5. The area encompassing a forty foot radius from the installed location was searched. However, due to heavy amounts of snow, the TLD was not found. Data sheet 1, Documentation of Unavailable samples, of 12-THP-6010-RPP-630 was written to document this event. A new TLD and housing was installed for the 1<sup>st</sup> Quarter 2010 TLD. AR #09351071 was written to document this issue. Subsequently on 12/18/2009, the 4<sup>th</sup> Quarter 2009 TLD was found by a member of the public and returned to D. C. Cook personnel. The TLD was submitted to AREVA for analysis.

#### 4.2 Comparison of Achieved LLD with Requirements

Attachment 3.20 from the ODCM (Table 2.4 in this report) lists the required Lower Limits of Detection (LLDs) for routine environmental sample analyses. As discussed in Section 3.5.2 Bases of the ODCM, on occasion, an LLD may not be achieved due to situations such as a low sample volume. In such a case, the ODCM requires the identification and discussion of the contributing factors in the Annual Radiological Environmental Operating Report. These factors are summarized below.

Actual E-LAB analyses were typically 2.5 to 3 times more “sensitive” than the LLDs required by the ODCM. For each analysis having an LLD requirement, the *a posteriori* or “after the fact” LLD calculated for that analysis was compared with the required LLD. Appendix D includes flags in the far right hand margin for any occurrences of exceeded MDC’s (note that the terms LLD and Minimum Detectable Concentration (MDC) are used interchangeably in this assessment).

During 2009, there were no cases where the MDC exceeded the LLD requirement.

#### 4.3 Results Compared Against Reporting Levels

ODCM Section 3.5.2 requires a discussion in the Annual Radiological Environmental Operating Report of any instance that a radionuclide concentration exceeds the reporting levels given in Attachment 3.21 (Table 2.4 in this report). Reporting Levels are the environmental concentrations that relate to the ALARA design dose objectives of 10 CFR 50, Appendix I. It should be noted that environmental concentrations were averaged over calendar quarters for the purposes of this comparison, and that Reporting Levels apply only to measured levels of radioactivity due to plant effluents. During 2009, no Reporting Levels were exceeded.

#### 4.4 Data Analysis by Media Type – Discussion

The 2009 REMP data for each media type are discussed below. Media types were arranged in the same order as in Table 3.1. Graphical plots of monitoring data are also shown in Figures 4.1 to 4.5. With respect to data plots, all results were plotted, whether they were "detectable" or "non-detectable."

##### 4.4.1 Air Particulate

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

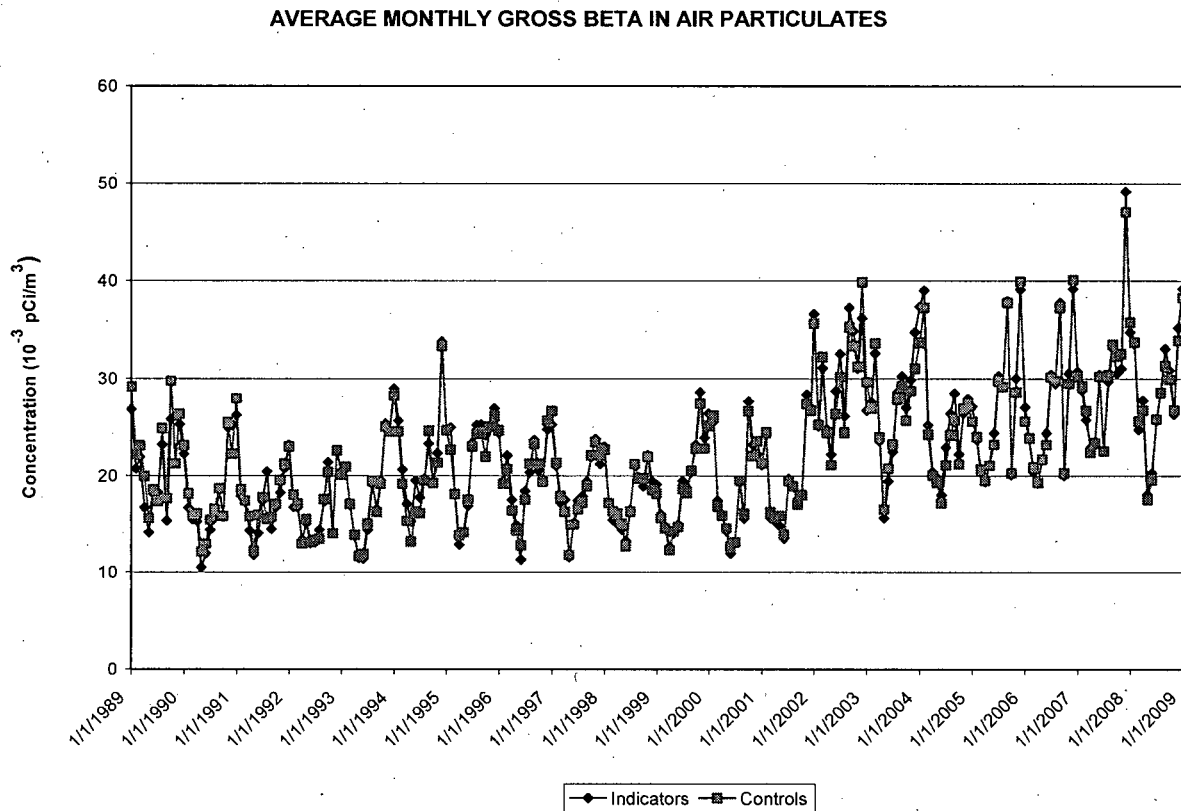
Figure 4.1 shows the gross beta concentrations in air particulate filters collected for the operating period from 1989 through 2009. While gross beta concentrations were detectable on all but one particulate samples and at all locations, there was no significant difference between the average monthly gross beta concentration at the indicator stations and the control stations during 2009 as shown in Figure 4.1.

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

Results for gamma isotopic analysis performed on quarterly composites of the weekly particulate samples have been listed in Table 3.1. No gamma-emitting nuclides were identified in any of the samples collected in 2009.

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

Figure 4.1



#### 4.4.2 Airborne Iodine

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

No iodine was detected in any of the Indicator or Control samples.

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

#### 4.4.3 Groundwater (Well)

Groundwater samples were collected from seventeen well locations on a quarterly frequency and analyzed for gamma isotopic and tritium.

The presence of naturally-occurring K-40 was identified in three samples out of sixty-eight collected. The presence of K-40 in groundwater samples is attributed to natural occurrences since it is not a fission or activation product related to plant operations. No additional gamma-emitting nuclides were identified in any of the samples collected in 2009.

Tritium was detected above the associated MDC in six groundwater samples. CNP Action Request 852796 and 848816 were generated to track these occurrences. These occurrences are detailed in Table 4.1. The low level activity in five of these samples were in areas identified to have recapture via precipitation of gaseous releases through licensed, radioactive, gaseous release points. One of these samples (W-14) was an expected result from the release of tritiated water into the Absorption Pond. This release was through a licensed pathway and the well sample was anticipated. Tritium activity in these wells is being tracked by the CNP groundwater protection initiative (GPI). Figures 4.2, 4.3 and 4.4 plot the tritium levels (both "detectable" and "non-detectable") for groundwater.

**Table 4.1 Tritium Concentrations Measured Above MDC**

Location	Concentration (pCi/l)	Reference Date
W-4	1420	1-22-09
W-4	1640	2-18-09
W-4	1360	7-22-09
W-5	1390	7-22-09
W-6	1220	7-22-09
W-14	5850	10-19-09

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of CNP's PRMP. While the low level tritium activity listed above is believed to be from plant operations, it is well below action levels and has no significant impact on public health and safety.

Figure 4.2

TRITIUM IN GROUNDWATER

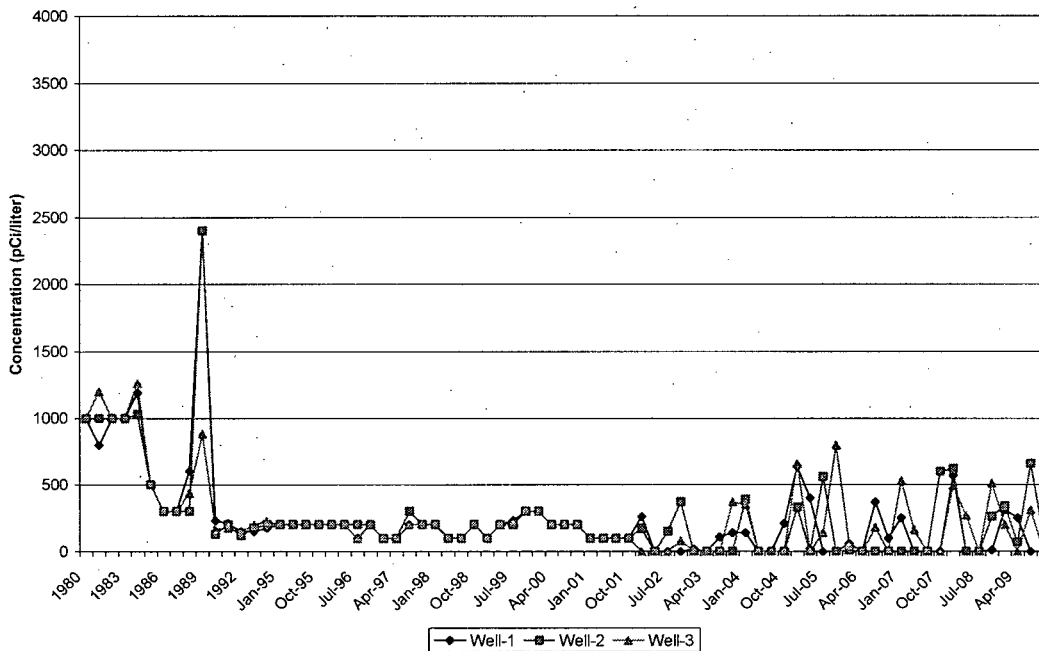


Figure 4.3

TRITIUM IN GROUNDWATER

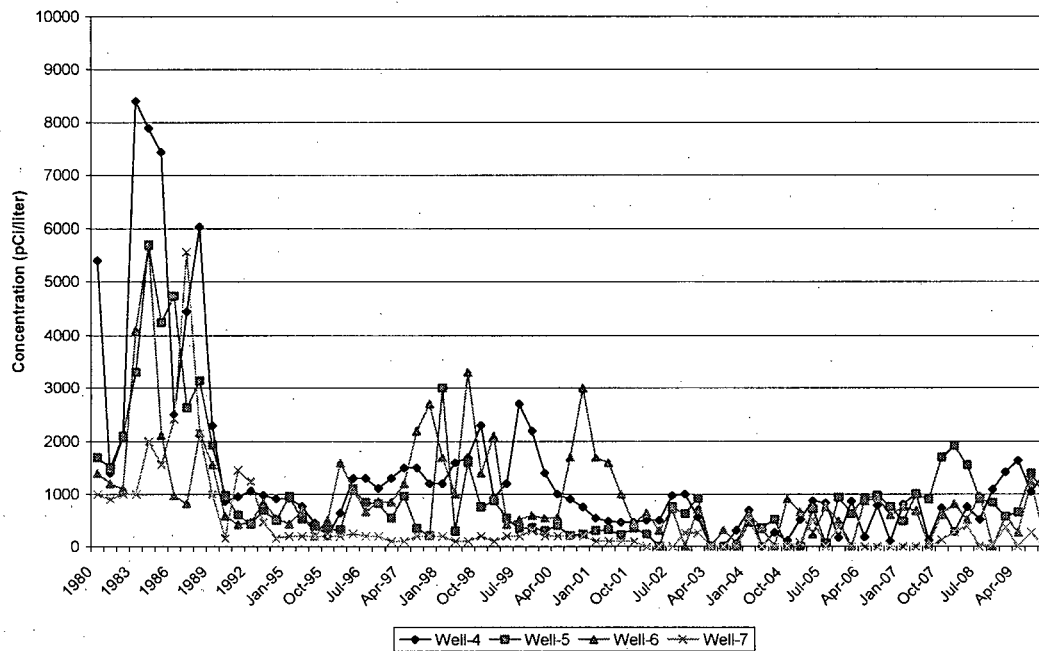
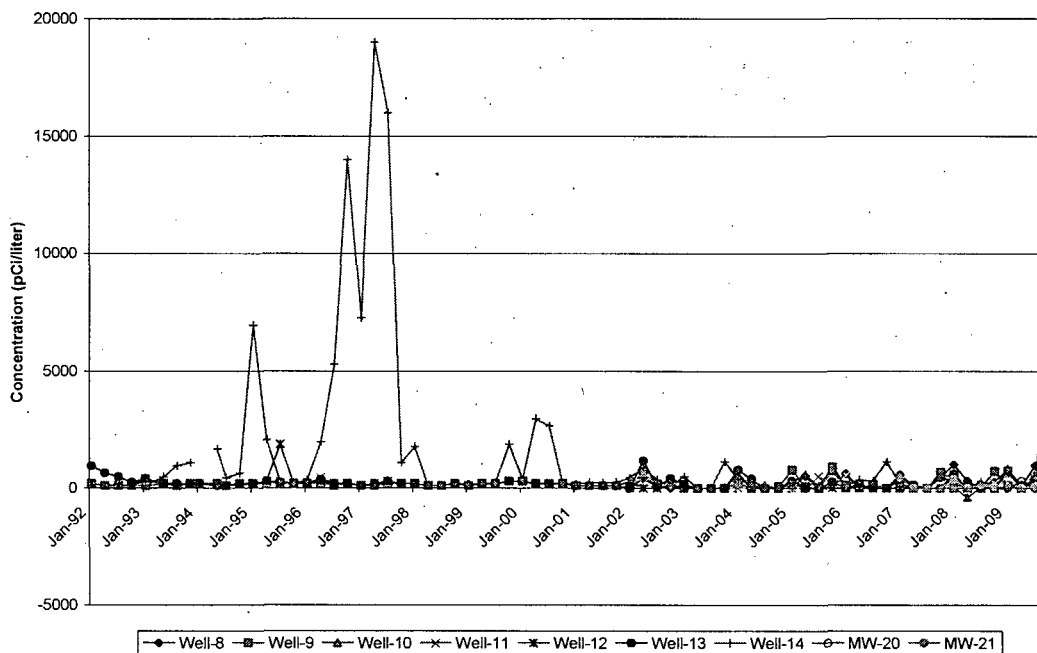


Figure 4.4

## TRITIUM IN GROUNDWATER



## 4.4.4 Drinking Water

Drinking water samples were collected from one indicator and one control station and analyzed for gamma isotopic, gross beta radioactivity and a quarterly composite for tritium.

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

Figure 4.5 shows a plot of the tritium data since 1989. Starting in 2002, all data was plotted, whether the results were negative or positive as described in Section 4.4. No tritium was detected in drinking water samples in 2009.

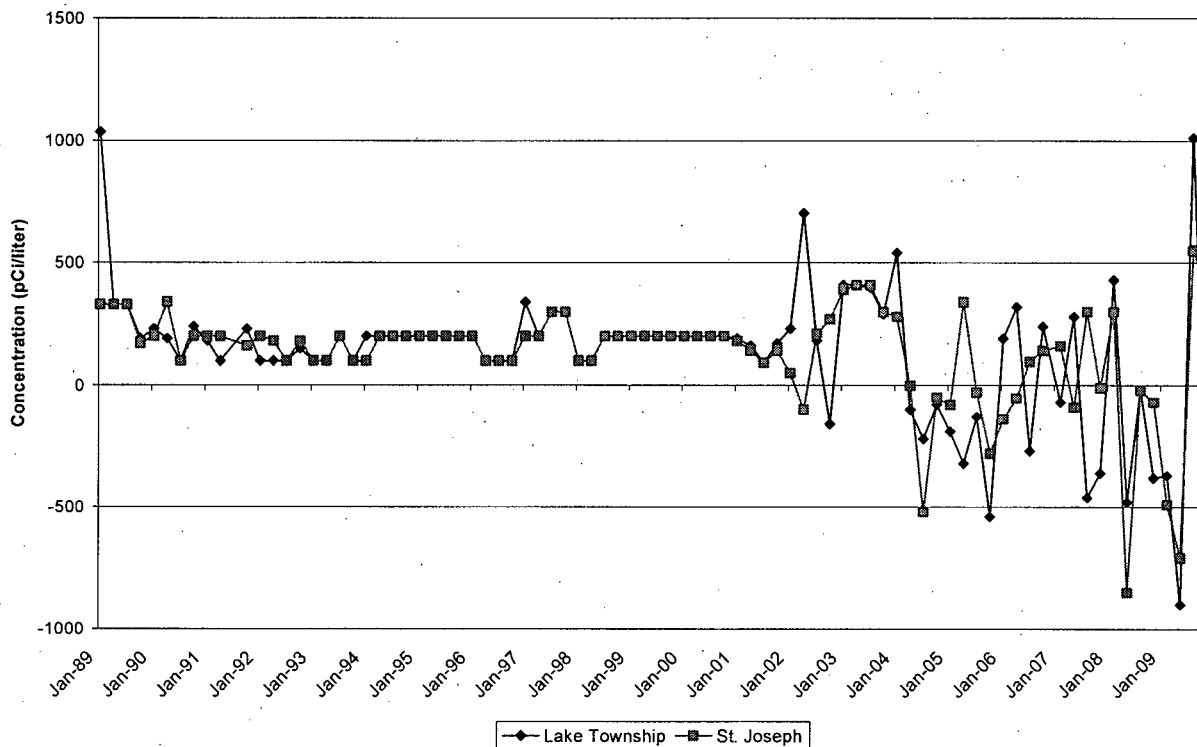
During 2009, the presence of gross beta radioactivity was identified in 12 indicator and 15 control samples, with activity levels similar to those observed in recent years. One indicator sample contained the naturally-occurring Th-232 decay series, as indicated by AcTh228. No tritium or other gamma-emitting nuclides were identified in any 2009 samples.

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

This information, coupled with the identification of detectable levels of gross beta activity in both the indicator and control samples, supported the conclusion that these occurrences were not attributable to plant operations.

Figure 4.5

## TRITIUM IN DRINKING WATER



## 4.4.5 Surface Water

Surface water samples were collected from two locations and analyzed for gamma-emitting radionuclides and tritium (quarterly). No gamma-emitting nuclides were detected in any of the samples collected in 2009. No tritium was detected in any of the samples collected in 2009.

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

## 4.4.6 Sediment

Semiannual samples of lake sediments were collected from two indicator stations and analyzed for gamma-emitting nuclides. During 2009, naturally-occurring K-40 was detected in all sediment samples. No other gamma-emitting nuclides were detected in any of the samples collected in 2009. Unlike past operational and pre-operational periods where traces of Cs-137 were found, no detectable Cs-137 was identified in 2009 samples.

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



of a naturally-occurring nuclide (K-40) was not attributed to plant operation.

#### 4.4.7 Milk

Milk samples were collected bi-weekly from two indicator and one control station during 2009.

Results of all sample analyses identified the presence of naturally-occurring K-40, ranging in concentration from 1180 to 2116 pCi/liter, which falls into a similar range as found in previous years.

An Iodine-131 specific low level detection analysis did not identify its presence in any sample.

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

#### 4.4.8 Food Products & Vegetation

Vegetation samples (broad-leaf) analyzed for gamma-emitting nuclides identified the presence of naturally occurring K-40 and Be-7. No other gamma-emitting nuclides were detected in any of the samples.

An annual sample of food products (grapes) was analyzed for gamma-emitting radionuclides. Analysis identified only the presence of naturally-occurring K-40. While food product sampling was not performed as part of CNP's PRMP, the information detailed above was evaluated and found to be consistent with data obtained during the plant's operational history. The presence of naturally occurring radionuclides was not attributed to plant operations.

#### 4.4.9 Fish

Fish samples were collected on two occasions at two indicator and two control locations. Naturally-occurring K-40 was detected in all the samples. No other plant related radionuclides were detected in any of the samples.

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

Specifically, the PRMP had identified that trace levels of Cs-137 were present in fish samples prior to plant operations and attributed these occurrences to fallout. Also, during the operational history of CNP, the presence of Cs-137 had been identified in indicator and control fish samples collected as recent as 2008. Only naturally occurring radionuclides were detected in 2009 samples. The presence of these radionuclides were not the result of plant operations.

#### 4.4.10 Gamma Exposure Rate

Direct radiation was continuously measured at 27 locations surrounding CNP with thermoluminescent dosimeters (TLDs). All TLDs were collected quarterly and processed at the AREVA NP Environmental Laboratory.

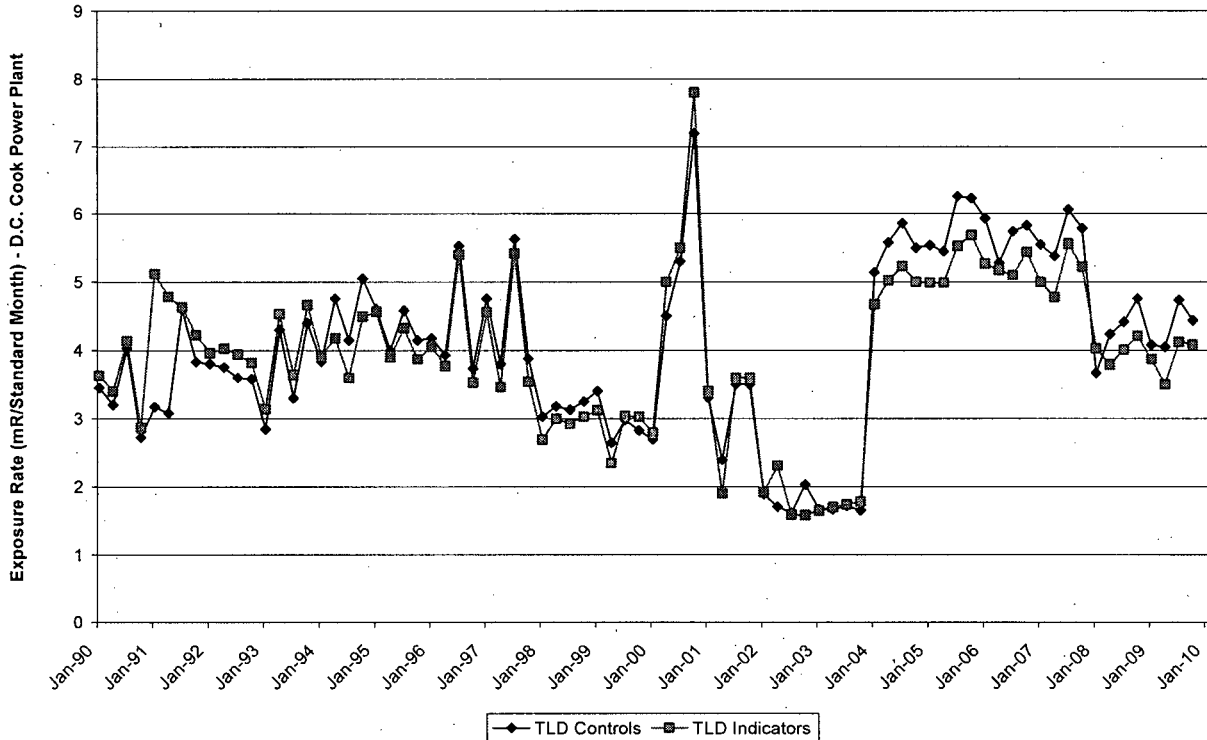
The results in Tables 3.2 and 3.3 show that the mean exposure rates for the Indicator and Control categories were not significantly different in total for 2009. As shown in Figure 4.6, there is a similar annual cycle at both indicator and control locations. The lowest point of the cycle typically occurred during the winter months. This was attributed primarily to the attenuating effect of the snow cover and frozen ground on radon emissions and on direct irradiation by naturally-occurring radionuclides in the soil. Also contributing to the variation in radiation levels at different field sites was the random distribution of radionuclides in the underlying soil, rock or nearby building materials. Figure 4.6 also illustrates that the average trend line over the last five years for the control stations runs slightly higher than that for the in-close indicator stations, suggesting that there is no detectable plant component of direct radiation that can be seen above the natural background exposure rate.

In 2002, the AREVA NP Laboratory assumed responsibility for calibration and processing of the TLDs used for these activities. The Panasonic 802 (UD-814) TLDs that had historically been used to measure direct radioactivity around CNP were replaced with Panasonic Model UD-814 AS4 TLDs.

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

Figure 4.6

## DIRECT RADIATION - QUARTERLY TLD RESULTS

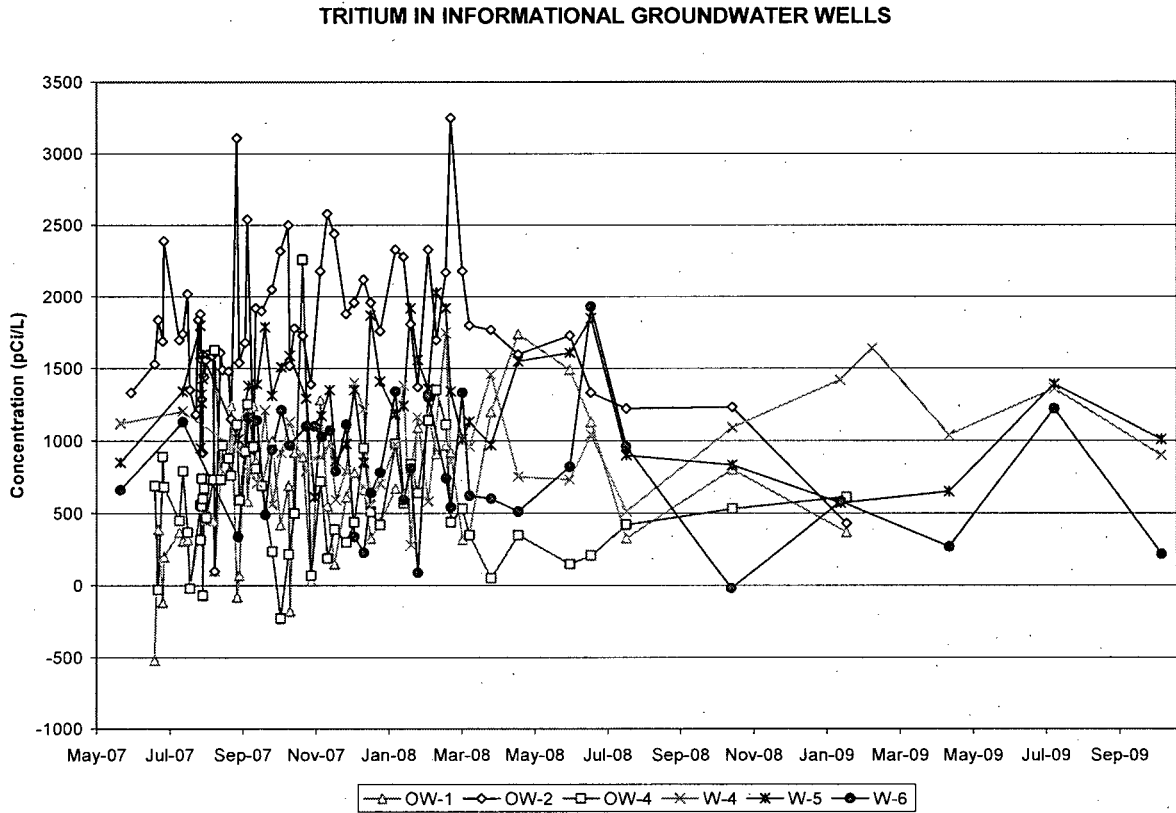


## 4.4.11 Additional Sample Analysis (non-ODCM required samples)

Groundwater (Radioactive Equipment Storage Facility, Steam Generator wells) –two one-liter well water samples were taken at 4 locations periodically. These samples were analyzed for gamma isotopic and gross alpha/beta by the AREVA NP Laboratory. All samples indicated the presence of gross beta activity, which is consistent with operational history.

Informational Groundwater Wells – Samples were collected at several locations during 2009 and analyzed for tritium by the CNP Chemistry Department and AREVA NP. Activity ranged from less than the MDC to 1640 pCi/L. Figure 4.7 shows a plot of the tritium concentration in these additional groundwater wells. Tritium activity in these wells is being tracked by the CNP Groundwater Protection Program and the REMP. This activity is believed to be the result of tritium recapture via precipitation through gaseous releases from the unit vent exhausts and then pooling around site buildings. This low level tritium activity has no significant environmental impact on public health and safety.

Figure 4.7



## 4.4.12 Additional Sample Analysis (NEI Groundwater Protection Initiative)

**Table 4.2**

## Groundwater Protection Initiative Data for Location W-1 – W8

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

Date	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8
01/19/2009			<LLD					
01/21/2009		<LLD						<LLD
01/22/2009	<LLD			<LLD	<LLD	<LLD		
01/23/2009							<LLD	
02/18/2009				<LLD				
04/22/2009			<LLD					
04/23/2009	<LLD	<LLD						<LLD
04/24/2009				<LLD	1.20E-6	<LLD	<LLD	
07/20/2009			<LLD				<LLD	<LLD
07/22/2009				<LLD	<LLD			
07/23/2009	<LLD	<LLD				<LLD		
08/10/2009					<LLD			
10/20/2009	<LLD							<LLD
10/21/2009		<LLD		1.38E-6	1.04E-6	<LLD		
12/21/2009							<LLD	

**Table 4.3**

## Groundwater Protection Initiative Data for Location MW-22D, MW22M, MW22S, MW24D, MW24M, MW24S, MW25D and MW25M

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

Date	MW-22D	MW-22M	MW-22S	MW-24D	MW-24M	MW-24S	MW-25D	MW-25M
11/11/2009	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD		
11/17/2009							<LLD	<LLD
12/07/2009	<LLD	<LLD	<LLD					

**Table 4.4**

## Groundwater Protection Initiative Data for Location MW25S, MW26D, MW26M, MW26S, MW27D, MW27M, MW27S

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

Date	MW-25S	MW-26D	MW-26M	MW-26S	MW-27D	MW-27M	MW-27S
09/29/2009		<LLD	<LLD	<LLD			
11/17/2009	<LLD				<LLD	<LLD	<LLD

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

**Table 4.5**

Groundwater Protection Initiative Data for Location W-9 – W15 and OW1  
 Samples analyzed for tritium. Values noted are in microcuries per milliliter (uCi/mL)  
 Lower Limit of Detection = LLD

Date	W-9	W-10	W-11	W-12	W-13	W-14	W-15	OW-1
01/19/2009				<LLD			<LLD	
01/20/2009		<LLD			<LLD	<LLD		
01/21/2009			<LLD					
01/22/2009	<LLD							
01/27/2009								<LLD
04/22/2009		<LLD			<LLD	<LLD	<LLD	
04/23/2009	<LLD		<LLD	<LLD				
04/24/2009								<LLD
05/22/2009							<LLD	
06/17/2009							<LLD	
06/19/2009							<LLD	
06/23/2009							<LLD	
06/25/2009							<LLD	
06/30/2009							<LLD	
07/02/2009							<LLD	
07/08/2009							<LLD	
07/15/2009							<LLD	
07/17/2009							<LLD	
07/20/2009		<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	
07/23/2009	<LLD							
07/24/2009							<LLD	
07/28/2009							<LLD	
08/04/2009							<LLD	
08/06/2009							<LLD	
08/13/2009							<LLD	
08/17/2009							<LLD	
08/20/2009							<LLD	
08/24/2009							<LLD	
08/31/2009							<LLD	
09/03/2009							<LLD	
09/08/2009							<LLD	

**Table 4.5 (Continued)**

Groundwater Protection Initiative Data for Location W-9 – W15 and OW1  
 Samples analyzed for tritium. Values noted are in microcuries per milliliter (uCi/mL)  
 Lower Limit of Detection = LLD

Date	W-9	W-10	W-11	W-12	W-13	W-14	W-15	OW-1
09/11/2009							<LLD	
09/15/2009							<LLD	
09/17/2009							<LLD	
09/21/2009							<LLD	
09/24/2009							<LLD	
09/28/2009							<LLD	
10/01/2009							<LLD	
10/06/2009							<LLD	
10/08/2009							<LLD	
10/15/2009							<LLD	
10/19/2009							<LLD	
10/20/2009	<LLD		<LLD	<LLD				
10/22/2009							<LLD	
10/26/2009							<LLD	
10/29/2009							<LLD	
11/02/2009							<LLD	
11/05/2009							<LLD	
11/09/2009							<LLD	
11/10/2009						1.25E-6		
11/12/2009						<LLD		
11/16/2009							<LLD	
11/20/2009							<LLD	
11/24/2009							<LLD	
11/30/2009							<LLD	
12/03/2009							<LLD	
12/07/2009			<LLD		<LLD	6.60E-6	<LLD	
12/14/2009			<LLD		<LLD		<LLD	
12/22/2009						<LLD	<LLD	
12/28/2009					<LLD	<LLD	<LLD	

Table 4.6

Groundwater Protection Initiative Data for Location OW-2 – OW4, EW18, EW19, MW20, MW21 and 95-11A

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

Date	OW-2	OW-3	OW-4	EW-18	EW-19	MW-20	MW-21	95-11A
01/19/2009					<LLD			
01/21/2009						<LLD	<LLD	<LLD
01/26/2009				<LLD				
01/27/2009	<LLD	<LLD	<LLD	<LLD				
04/22/2009					<LLD			
04/23/2009						<LLD	<LLD	
04/24/2009	<LLD		<LLD					
05/07/2009				<LLD				<LLD
05/22/2009								<LLD
07/20/2009				<LLD	<LLD	<LLD	<LLD	<LLD
10/20/2009				<LLD		<LLD	<LLD	
10/21/2009	1.09E-6							
12/07/2009							<LLD	
12/14/2009							<LLD	
12/22/2009							<LLD	



## 5.0 OFF-SITE DOSE EQUIVALENT COMMITMENTS

The purpose of this section is to evaluate off-site dose consequences (dose equivalent commitments) associated with CNP radioactive liquid and airborne effluents. The method utilizes Regulatory Guide 1.109/ODCM models and actual measurements of the concentrations of radioactivity in environmental media to compute the dose consequences resulting from the consumption of these foods.

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

During 2009, all radionuclides detected with respect to pathways to man were naturally occurring and consistent with the CNP PRMP.

## 6.0 SUMMARY OF REMP, ODCM, AND VENDOR CHANGES

## REVISION SUMMARY

Procedure No: PMP-6010-OSD-001

Rev. No.: 23

Title: OFF-SITE DOSE CALCULATION MANUAL

Alteration	Justification
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002. This is an administrative procedure governing the conduct of facility operations. Changes to this document are made in accordance with Technical Specification 5.5.1 and implemented through 12-EA-6090-ENV-114, Effectiveness Review for ODCM/PCP Programs.
Step 3.8.3 was altered to change reference to a retention schedule number.	Retention schedule numbers are no longer used. AR 815440. Editorial Change Criteria (ECC) n.
Attachment 3.7, table notation c. was altered to add momentary interruptions to maintain sampling capability.	Enhancement to specifically include activities that are momentary in nature, similar to sampling, such as draining off rainwater. This has no negative impact on actual monitoring and actually maintains sampling as much as possible. ECC q is appropriate since the time frame is similar and the frequency is much less than sampling.
Attachment 3.19 was altered to comply with NUREG 1301. Clarification was made of where to sample and how many samples.	This does not involve a change of procedure intent and complies with ECC q. Samples are already being performed and this change clarifies where and how many.
Attachment 3.19 footnote was added evaluating positive sample results as a trigger for hard to detect nuclide analysis.	Per NEI 07-07. AR 815252. This does not involve a change of procedure intent and complies with ECC q.
Added a bullet to step 3.5.1 to include in the purpose of the REMP program assisting in fulfilling the requirements of the Groundwater Protection Initiative (GPI).	This does not involve a change of procedure intent and complies with ECC q as this is an administrative action for documentation purposes only of a role REMP is already fulfilling. This clarification will assist outside organizations understanding REMP's role in supporting the GPI.

## REVISION SUMMARY

Procedure No: PMP-6010-OSD-001

Rev. No.: 23

Title: OFF-SITE DOSE CALCULATION MANUAL

Alteration	Justification
Altered step 3.5.3 b to align with NUREG 1301 section 3.12.2 Land Use Census. Clarification made on where to sample and how many samples to obtain. Removed term "grape" to avoid confusion between food and leaf samples.	This does not involve a change of procedure intent and complies with ECC q. Samples are already being performed and this change clarifies what, where, and how many.
Added step 3.7.2i to document non-REMP samples taken for the Groundwater Protection Initiative.	Per NEI 07-07. AR 835273. This does not involve a change of procedure intent and complies with ECC q as this is an administrative action for documentation purposes only.
Added a Use Reference for PMP-6090-PCP-100 as step 5.1.4 for documentation of submission of any Special Reports.	This does not involve a change of procedure intent and complies with ECC q as this is an administrative action for documentation purposes only.
Added reference to NUREG-1301 in step 5.2.1 e and re-numbered remaining steps.	This document is used as a source reference for this procedure and should be listed as such. ECC n
Corrected the FSAR reference to UFSAR in step 3.5.1 j.	Minor correction that does not involve a change of procedure intent and complies with ECC n
Added bullets to step 3.5.2.a.5 to document the submission of any Special Reports using PMP-6090-PCP-100 and forwarding a copy to the ENV Manager	This does not involve a change of procedure intent and complies with ECC q as this is an administrative action for documentation purposes only.
Added reference to NEI 07-07 Groundwater Protection Initiative in step 5.2.1 ii	This document is used as a source reference for this procedure and should be listed as such. ECC n
Added reference to ANI 07-01 Potential for Unmonitored and Unplanned Off-Site Releases of Radioactive Material in step 5.2.1 jj	This document is used as a source reference for this procedure and should be listed as such. ECC n
Step 3.7.2a was altered to reflect the change in submittal date in Technical Specifications 5.6.3.	AR 849862. This does not involve a change of procedure intent and complies with ECC n

## REVISION SUMMARY

Procedure No: PMP-6010-OSD-001

Rev. No.: 23

Title: OFF-SITE DOSE CALCULATION MANUAL

Alteration	Justification
Attachment 3.4 sections 1b, 2d, 3a, 3b, and 5b were re-formatted for clarification of the statements, spelling out acceptable instrument configurations.	This does not involve a change of procedure intent and complies with ECC n. Removes uncertainty on which conditions are acceptable for operability.
Attachment 3.4 Notation 3 was corrected to reference the appropriate Technical Specification.	AR 845922. This does not involve a change of procedure intent and complies with ECC n
Attachment 3.4 Notation 8 was clarified to specify Iodine and Particulates were to be analyzed for weekly.	This does not involve a change of procedure intent and complies with ECC n. Removes uncertainty on which analyses were required to be performed.
Added a bullet to step 3.7.1b to document non-REMP samples taken for informational or non-program specific investigations.	NRC recommendation. AR 821985. This does not involve a change of procedure intent and complies with ECC q as this is an administrative action for documentation purposes only.

## REVISION SUMMARY

Procedure No: 12 THP-6010-RPP-642

Rev. No.: 4

Title: COLLECTION OF DRINKING WATER SAMPLES

Alteration	Justification
General	Revision 4 addresses comments made in action request 837099. The revision also includes minor editorial changes that do not affect the intent of the procedure.
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002, this is an administrative procedure governing the conduct of facility operations. Also all changes to this procedure implement the ODCM.
Added Step 1.2	There was no scope in the previous revision.
Added Step 2.1	Included the qualification required to perform this task.
Removed "for submission to Chemistry" from Step 2.6	Daily Lake Township samples may go offsite for analysis.
Added Step 4.3.5	Step requires user to retain the original sample until results are known (AR 837099).
Added two conditional statements to Step 6.2	Provides final condition information on what to do with the retained samples.

## REVISION SUMMARY

Procedure No: 12 THP-6010-RPP-634

Rev. No.: 10

Title: COLLECTION OF REMP GROUNDWATER SAMPLES

Alteration	Justification
General	Revision 10 addresses the suggested procedure changes in AR 837098. The revision also includes comments made via a standard review, technical review, and management review.
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002, this is an administrative procedure governing the conduct of facility operations. Also all changes to this procedure implement the ODCM.
Removed equipment list in Step 2.1.	Change – The equipment list was added to the pre-job brief for this activity.
Added Steps 2.2 and 2.3	Change – Included information regarding qualifications for sampling groundwater locations.
Added Step 4.2.3c and 4.3.3c	Change – A second 125 mL sample will be retained for each location so that a sample is available for re-analysis.
Removed Caution before Step 4.7.10	Change – This caution referred to a lesson learned on a pump that is no longer used during sample collection. It was added to the pre-job brief for this task.
Moved SMH-004 reference to Step 7.1.2	Editorial Correction (n) – Per the definition of PMP-2010-PRC-002, a reference directing the user to another document is a use reference.
Removed reference to RP calculation 94-03	Change – This calculation deals with the calculation of well purge volumes. This procedure incorporates calculated purge volumes for the user, thus eliminating any field calculations.
Removed reference to CR 94-2333	Change – This CR deals with a missed sample at well W-2 due to failed equipment and its removal does not affect the intent of this procedure.

## REVISION SUMMARY

Procedure No: 12 THP-6010-RPP-640  
 Title: LAND USE CENSUS

Rev. No.: 6

## Alteration

## Justification

General	Revision 6 to this procedure addresses issues in AR 0841705 and includes a correction to acronym usage.
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002. This is an administrative procedure governing the conduct of facility operations. All changes implement the ODCM and do not change the intent of the procedure.
Step 4.1 NOTE – Spelled out the acronym REMP	Editorial Correction criteria f, Abbreviations/Spelling – spelling out an acronym the first time it is used in the procedure.
Step 4.4.1 – Added information pertaining to each land sector within 5 miles of the plant.	Change – This allows the user to identify the closest of each item in each land sector to the D.C. Cook Plant. This was an improvement noted in the 2009 Quick Hit REMP Self Assessment.
Step 4.5.1 – Added information pertaining to each land sector within 5 miles of the plant.	Change – This allows the user to identify the closest of each item in each land sector to the D.C. Cook Plant. This was an improvement noted in the 2009 Quick Hit REMP Self Assessment.
Data Sheet 1 – Added land sectors A – K to tables for “Closest Milk Producing Animal”, “Closest Livestock for Consumption”, and “Closest Garden...”	Change – This allows the user to identify the closest of each item in each land sector to the D.C. Cook Plant. This was an improvement noted in the 2009 Quick Hit REMP Self Assessment.

Table 6.1 below summarizes the changes made by the AREVA NP Environmental Laboratory to the procedures it uses for the Donald C. Cook Nuclear Plant REMP.

Table 6.1

**AREVA NP ENVIRONMENTAL LABORATORY  
UPDATED PROCEDURES ISSUED DURING CALENDAR YEAR 2009**

PROCEDURE NUMBER	TITLE	REVISION NUMBER	EFFECTIVE DATE	SUMMARY OF REVISION
120	Sample Storage and Accountability	20	09/30/09	Updated disposal discussions to place Part 50 sample disposal under LIMS control. Added verification of disposal methods by CHO/Haz Waste personnel. Clarified storage of Part 50/61 liquid scintillation vials. Deleted sewerage disposal option. Added a reference.
305	Preparation of Environmental and Bioassay Media for Analysis of Gamma Ray Emitters	24	08/10/09	Minor editorial changes. Slight changes to order of steps for ease of processing. Eliminated duplication in several sections. Added a new 0.5 L Marinelli beaker geometry. Updated Ra-228 preparation and counting sections for CR 09-11.
320	Preparation and Analysis of Environmental Water and Soil/Sediment/Sludge Samples for Gross Alpha and/or Gross Beta Radioactivity	27	09/15/09	Minor editorial changes. Added ability to modify non-EPA drinking water hold times if a client requested it and management approved.
340	The Determination of Iodine-131 in Environmental Media Using Anion Exchange Chromatography	30	11/30/09	Minor editorial changes. Section A.1 Vegetation /Food Crops sample preparation steps were revised to incorporate enhancements made to the procedure.
365	The Determination of $^{55}\text{Fe}$ , $^{63}\text{Ni}$ , $^{89,90}\text{Sr}$ , $^{241}\text{Am}$ , $^{242}\text{Cm}$ , $^{243/244}\text{Cm}$ and $^{238}\text{Pu}$ , $^{239/240}\text{Pu}$ , $^{241}\text{Pu}$ in Environmental and Bioassay Matrices	16	11/25/09	Reagents section: 15. Nickel carrier - replaced "preparation of" with "commercially available solution". 24. Strontium tracer values were changed from "5,000 - 10,000 dpm/ml," to "5,000 - 20,000 dpm/mL". The sample fraction volume taken for ICP analysis was clarified for Fe-55 and Ni-63. Weight notations in the procedure and FORMS were deleted to conform to the LIMS process.



PROCEDURE NUMBER	TITLE	REVISION NUMBER	EFFECTIVE DATE	SUMMARY OF REVISION
368	The Determination of Sr-89,90 in Environmental Media Via Cerenkov Counting	13	11/20/09	Changed 3M HN03 to 8M as necessary in various sections of the procedure. Changed the amount of 3% EDTA rinse solution to 1000mL for a 2000g milk sample. The soil method (Strong Acid Leach) section of the procedure was changed to reflect the method that elicits the best recovery for a majority of the soil samples routinely processed. The flow chart was corrected to reflect procedural changes.
382	The Determination of Radium Isotopes In Bioassay Matrices	5	07/10/09	Precaution number 5 in the previous revision erroneously stated that Ra-224 may be in equilibrium with Th232. This revision corrects "Th-232" to "Th-228" as this is the correct parent\daughter equilibrium condition for Ra-224. No changes were required of the software as the decay correction calculation correctly uses the Th-228 half-life.
385	The Determination of Radium Isotopes in Environmental Matrices by Alpha Spectrometry	8	07/10/09	Precaution number 5 in the previous revision erroneously stated that Ra-224 may be in equilibrium with Th232. This revision corrects "Th-232" to "Th-228" as this is the correct parent\daughter equilibrium condition for Ra-224. No changes were required of the software as the decay correction calculation correctly uses the Th-228 half-life.
395	The Sequential Determination of Isotopic Uranium, Thorium and Radium in Environmental Matrices by Alpha Spectrometry	5	07/10/09	Precaution number 5 in the previous revision erroneously stated that Ra-224 may be in equilibrium with Th232. This revision corrects "Th-232" to "Th-228" as this is the correct parent\daughter equilibrium condition for Ra-224. No changes were required of the software as the decay correction calculation correctly uses the Th-228 half-life.
430	Operation and Calibration of the Beta-Gamma Coincidence Units for I-131	15	05/25/09	Revised to add the correct AREVA NP Protection of Proprietary Information statement.
600	Development, Documentation, Verification, and Validation of Computer Software	13	11/02/09	Step E.7 was revised to require the analyst to ensure that all possible permutations of the end product are tested, and to require that two independent people knowledgeable of the required specifications review the V&V. Quality impact: This change will significantly improve the V&V process.

PROCEDURE NUMBER	TITLE	REVISION NUMBER	EFFECTIVE DATE	SUMMARY OF REVISION
692	Report Generation Using LIMS	4	09/29/09	Minor editorial changes. Added a reference. Added a description of sample disposal reports.
710	Quality Control of Laboratory Instrumentation	20	08/06/09	Modified the equipment history section to permit use of a FORM or logbook. Modified the FORM for ease of use. Added dosimetry references and descriptions of calibration, QC and maintenance. Updated the liquid scintillation background statements.
715	Preparation of Tolerance Charts	21	07/14/09	Reformatted the entire procedure for ease of use. Added a reference for Beta-Gamma counter QC. Modified the Beta-Gamma QC limit to 6% based on the newly added Reference. Specified that the 1-sigma value be compared to the 1% value for nuclear instruments.
720	Preparation of Radioactive Standards and Source Matrices	21	06/18/09	Verification criteria for radioactive standards and source matrices were revised. Source verification forms were added to enable better documentation of prepared sources. Process check solutions with the exception of C-14 shall be valid for two years. Quality impact: enhanced due to non-ambiguity and better documentation.
730	Preparation and Verification of Carriers and Radiotracers	23	06/15/09	Verification criteria for stable carriers and radiotracers were revised to ensure consistency with procedure 720.
755	Good Laboratory Practices	0	07/07/09	New procedure created.
765	Guidelines for Maintaining the ELGA MEDICA 15 Water Systems	4	05/18/09	Revised the procedure to reflect the new deionized water systems installed in the environmental & part 50/61 lab areas. Quality Impact: enhanced due to state of the art water quality.

PROCEDURE NUMBER	TITLE	REVISION NUMBER	EFFECTIVE DATE	SUMMARY OF REVISION
770	Laboratory Quality Assurance and Control Programs	4	09/29/09	Duplicate sample submittal steps were added to indicate when duplicate samples should be analyzed at the same time as the reference samples. Sample preparation steps were added for MAPEP soil and vegetation samples. A step was added to require that internal assessment reports be issued within 30 days of completion of the assessment. A step was added to define internal assessment findings and recommendations and require that findings be documented in a Condition Report. Quality impact: Improved quality through timely documentation of assessment findings and recommendations.
790	Laboratory Batch Quality Control Handling	2	03/16/09	Several steps were added to make the procedure flow better. Flexibility to start sample analyses prior to creation of the batch QC samples, with management approval, was added. Unnecessary sections of FORM 790.2 were deleted.
1014	Calibration of the Panasonic UD-710A TLD Reader	12	11/03/09	A precaution was added to allow a grace period of +/-33% to the calibration periodicity requirement.
1030	Daily Quality Control Response Check of the Panasonic UD-710A TLD Reader	11	11/03/09	A step was added to require that the room temperature and humidity be recorded in the logbook each day the instrument is used.

## 7.0 REFERENCES

1. USNRC Radiological Assessment Branch Technical Position, "An Acceptable Radiological Environmental Monitoring Program," Revision 1, November 1979.
2. NCRP Report No. 94, Exposure of the Population in the United States and Canada from Natural Background Radiation, National Council on Radiation Protection and Measurements, 1987.

## **APPENDIX A**

### **SYNOPSIS OF ANALYSIS TECHNIQUES**

## GROSS ALPHA/BETA ANALYSIS

Air particulate samples, collected on a weekly basis aid in verifying the in-plant controls used for monitoring the release of radioactive materials. The samples are transmitted to the laboratory for gross beta radioactivity analysis. Air particulate samples are analyzed on a low background alpha/beta gas proportional counting unit, for a predetermined amount of time, following a delay of a 100-hour minimum to allow for the decay of radon products. Blank filters, either provided by the client, or of the same size and type as the client filters are used for background subtraction. If the beta activity concentration is greater than 0.2 pCi/m<sup>3</sup>, the sample may need to be analyzed for individual gamma emitters. Each sample is composited by sampling location and held until the end of the quarter for a gamma isotopic analysis.

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

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

## GAMMA SPECTROMETRY

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

Decay corrections are typically made from the time of count to the end of collection. Exceptions are as follows: composite water samples, which may be decayed to the mid-point of sampling, and charcoal cartridges and air particulate composites, for which a "decay during sampling" calculation is included. All gamma spectrometry analyses account for decay during the counting interval.

Serial decay corrections are required for parent/daughter radionuclide relationships. Milk and water samples requiring analysis for Ba-140/La-140 are held for eight days after collection,

before analysis, in order to allow most of the unsupported La-140 (present at the time of collection) to decay and in order for the La-140 to achieve transient equilibrium with Ba-140. The La-140 concentration is then calculated from the parent, Ba-140. The Nb-95 concentration, however, is assumed to be unsupported, and is calculated independently of its parent Zr-95, as long as Zr-95 is not detected in the sample. If Zr-95 is detected, the supported Nb-95 is calculated and subtracted from the total Nb-95, to yield the unsupported Nb-95 concentration.

### LOW LEVEL IODINE ANALYSIS

The low detection limit required for I-131 in milk and water samples can only be achieved by radiochemical separation and concentration of the iodine. Milk samples may be preserved with sodium bisulfite or refrigerated after collection and are treated as soon as they arrive at the Laboratory with formaldehyde and methimazole (if preservation was not performed in the field). Vegetation samples are treated with NaOH. A known amount of stable iodide is added to the sample to quantify the final recovery. When iodine-131 activity is observed or anticipated, the original iodide content of the sample is also quantified via an Orion Four Star Ion Analyzer. The technique for initially isolating the iodine in a sample depends on its biological or physical form.

Vegetation is leached with sodium hydroxide, baked to an ash, and filtered. The iodide is then confined on anion exchange resin. Soil is leached with sodium hydroxide and then filtered. Drinking water, estuary, river, and groundwater are treated with bleach, and then reduced using hydroxylamine hydrochloride and sodium bisulfite to convert any form of iodine to iodide which is then confined on anion exchange resin. Preserved milk undergoes anion exchange.

Now isolated, the sample's iodine content is ready to be oxidized to periodate by bleach, treated with nitric acid, and then extracted in toluene, wherein it is reduced to elemental iodine by hydroxylamine hydrochloride, reduced to iodide by sodium bisulfite, and finally precipitated as cuprous iodide for I-131 measurement by beta-gamma coincidence counting.

The beta-gamma coincidence system combines a plastic scintillator beta detector and associated electronics with a well-type Na(I) gamma detector. The amplified outputs from the detector assemblies are processed by timing single channel analyzers (TSCA). The gamma TSCA is optimized for the full width at tenth maximum of the 364.5 keV gamma photon of I-131. The resulting signal from each TSCA is relayed to a coincidence analyzer. The beta transition and prompt 364.5 keV gamma transition from I-131 register a coincidence count. Beta gamma coincidence counting allows for a very low background since the system is optimized for I-131. A typical counting time for low level iodine analysis is two hundred minutes.

### H-3 ANALYSIS

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

The sample preparation step may involve extracting H-3 from the matrix in the presence of NaOH and  $\text{KMnO}_4$  or in the presence of HCl and  $\text{H}_2\text{O}_2$  and allowing for sufficient equilibration time so that a complete transposition of tritium with stable hydrogen has occurred.

A window is set on the multi-channel analyzer associated with the liquid scintillation counting system which is optimized for the tritium beta energy. Additional windows are also set and

evaluated to ensure that the distilled samples are free of interferences. A typical counting time for H-3 analysis is fifteen minutes.



**APPENDIX B**

**2009 LAND USE CENSUS**

## 2009 Radiological Environmental Monitoring Program

### Land Use Census Summary

Date: October 1, 2009

#### Purpose

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

A summary of the 2009 LUC is detailed below.

#### Dairy Farm Survey

A dairy farm survey was conducted from September 23 through September 30, 2009 to update the following information :

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

As a result of information obtained during the census period and the remainder of 2009, it was determined that no identified dairy farms had ceased milking operations (Glen Troy farm had ceased milk production in 2004 but was just removed from the Michigan Department of Agriculture List of Berrien County Dairy Farms in 2008). Additionally, no new dairy farms were located in the county during this year's door-to-door survey.

Due to the cessation of milking operations at the Glen Troy Farms in 2004, the census identified only two farms/residences within eight miles of the CNP which have dairy animals providing milk for human consumption. These farms were:

Monroe Residence (REMP Designation: MR)  
10627 Miller Road  
Baroda, MI 49101

Shuler Farm (REMP Designation: SF)  
2791 Snow Rd.  
Baroda, MI 49101

As CNP REMP requirements specify that a minimum of three milk farms are needed to support the milk sampling process, the milk sampling program is considered suspended at this time.

In accordance with REMP guidance, vegetation "in lieu of" milk sampling has been instituted as a compensatory action for this condition. Additionally, it was concluded that

milk sampling would remain in effect at the remaining REMP related locations for informational purposes and to support the restart of this program in the event a third farm could be located.

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

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

#### Livestock for Consumption Survey

The Livestock Survey conducted as part of the LUC identified locations of livestock potentially used for human consumption. Locations identified by this survey were limited to those within Berrien County and are listed on Attachment 1. The location which was determined to be the "Closest Livestock for Consumption (meat)" did not change from the 2008 report and was given REMP designation **MEAT** (Distance From CNP: 1.48 miles [7,789 feet]) and recorded as part of this census on the associated Data Sheet 1 to 12-THP-6010-RPP-640 "Land Use Census".

#### Residential Land Use Survey

From June 1, 2008 to June 1, 2009, there were no new residential building permits issued in the Lake Township sections that border the CNP property (sections 5, 6, 7, and 8). As these permits did not affect designations of the "closest residence" in any sectors, no further consideration for the purposes of residential radiological evaluations was required.

Per email correspondence with the Berrien County Health Department, there were no groundwater permits issued in Lake Township Sections 5, 6, 7, or 8 during this time period.

#### Garden Census, Grape and Broadleaf Sampling

A survey of nearby properties was conducted to verify the location which had been determined to be the "Closest Garden Producing Fresh Leafy Vegetables." The nearest garden was found in Sector C at 7379 Rosemary Rd. (0.91 miles [4,805 feet] from CNP) and is identical to the 2008 report. This location was given REMP designation TGB and recorded as part of this census on the associated Data Sheet 1 to 12-THP-6010-RPP-640 "Land Use Census". The Midas Dose Assessment Program determined there was no change in dose commitment. Data Sheet 1 has been updated to reflect this information.

In lieu of conducting the Garden Census as part of this LUC, grape and broadleaf sampling were performed as close to the site boundary as possible in a land sector which 1) contains sample media and 2) has the highest average deposition factor (D/Q). For grape samples, a location along the south side of CNP's Owner Controlled Area was selected as the indicator location (near roadside west of Groundwater Well 13 and south of Groundwater

Well 7). Control samples were obtained in a less prevalent sector approximately 20 miles from the site boundary (along the west side of East Clay Street northeast of New Buffalo High School) in Sector K. It should be noted that the requirement for annual broadleaf sampling was satisfied by the monthly vegetation ("in lieu of milk") samples collected throughout 2009.

The 2009 Land Use Census identified no relevant changes in usage to areas surrounding the CNP. The identified changes in this report have been evaluated per PMP-6010-OSD-001 Off-Site Dose Calculation Manual and represent no changes in dose commitment.

**APPENDIX C**  
**QUALITY ASSURANCE PROGRAM**

## QUALITY ASSURANCE PROGRAM

The quality assurance program at the AREVA NP Environmental Laboratory (E-LAB) is designed to serve two overall purposes: 1) Establish a measure of confidence in the measurement process to assure the licensee, regulatory agencies and the public that analytical results are accurate and precise; and 2) identify deficiencies in the sampling and/or measurement process to those responsible for these operations so that corrective action can be taken. Quality assurance is applied to all steps of the measurement process, including the collection, measurement, and reporting of data, as well as to the record keeping of the final results. Quality control, as part of the quality assurance program, provides a means to control and measure the characteristics of the measurement equipment and processes relative to established requirements.

The E-LAB employs a comprehensive quality assurance program designed to monitor the quality of analytical processing to ensure reliable environmental monitoring data. The program includes the use of controlled procedures for all work activities, a nonconformance and corrective action tracking system, systematic internal audits, audits by external groups, a laboratory quality control program, and a staff training program. Monitoring programs include the Intralaboratory Quality Control Program administered by the Laboratory QA Officer and a third-party cross check program administered by Analytics, Inc. Together, these programs are targeted to supply QC/QA sources at 5% of the client sample analysis load.

This summary reports all intralaboratory and third party results received by the E-LAB on or before December 31, 2009.

### Intralaboratory Quality Control Program

The E-LAB QA Officer administers an extensive intralaboratory quality control program in which process check samples are submitted for analysis. These samples are "spiked" with a known amount of radioactive material and are routinely submitted in triplicate to evaluate the bias and precision of a measurement process. Additionally, numerous samples of various matrices are periodically re-analyzed as part of the internal duplicate analysis program. Table C-1 provides the summary of the process control program results for January to December 2009. Of the 478 analyses evaluated for bias, 98.8% passed the acceptance criteria and 95.5% of the 133 results evaluated for precision were acceptable. The E-LAB internal acceptance criteria are summarized at the end of Table C-1.

### Third Party Cross Check Program

The E-LAB participates in a third party cross check program managed by Analytics Inc. to satisfy the requirement of the Environmental Technical Specification/ODCM. The E-LAB Analytics program was originally used to augment the EPA Intercomparison Program that it now replaces. The current program is designed to be comparable to the pre-1996 EPA PE Program in terms of the number of samples, matrices, and nuclides. The results for the 4<sup>th</sup> quarter 2008 through the 3<sup>rd</sup> quarter 2009 are summarized in Table C-2. The 4<sup>th</sup> quarter 2009 sample results are not included in this report as the final results were not received from the reporting laboratory in the timeframe covered by this report. This data will be provided in the Quality Assurance Program summary for the subsequent year. Each sample is normally analyzed in triplicate and

the results are evaluated against the internal acceptance criteria described in E-LAB Manual 100 "Laboratory Quality Assurance Plan." This acceptance protocol is used for all interlaboratory programs with no pre-set acceptance criteria. When results fall outside of the acceptance criteria, an investigation is initiated to determine the cause of the problem and if appropriate, corrective measures are taken. The E-LAB internal acceptance criteria are summarized at the end of Table C-1.

#### Environmental TLD Quality Assurance Program

Performance documentation of the routine processing of the Panasonic environmental TLD (thermoluminescent dosimeter) program at the E-LAB is provided by the dosimetry quality assurance testing program. This program includes independent third party performance testing by the Pacific Northwest National Laboratory (typically semi-annually) and internal performance testing conducted by the Laboratory QA Officer. Under these programs, sets of six dosimeters are irradiated to ANSI-specified testing criteria and submitted for processing as "unknowns." The bias and precision of TLD processing is measured against this standard and is used to indicate trends and changes in performance. Instrumentation checks, although routinely performed and representing between 5-10% of the TLDs processed, are not presented in this report.

Eighty-four internal performance tests were conducted in 2009 by the E-LAB. These tests were made on 14 separate sets of six dosimeters. All of the 84 individual measurements, when evaluated against the acceptance criteria for high-energy photons, met the E-LAB Internal Acceptance Criteria for bias ( $\pm 20.1\%$ ) and precision ( $\pm 12.8\%$ ).

Third party irradiations were performed by the Pacific Northwest National Laboratory. The third party dosimeters were analyzed along with second and fourth quarter client dosimeters. Both sets of six dosimeters passed the mean bias criteria of  $\pm 20.1\%$ . All twelve dosimeter evaluations met the E-LAB individual acceptance criteria for bias ( $\pm 20.1\%$ ) and precision ( $\pm 12.8\%$ ).

#### **Percentage of Individual Dosimeters that passed E-LAB Internal Criteria**

Dosimeter Type	Number Tested	% Passed Bias Criteria	% Passed Precision Criteria
Panasonic Environmental	84	100	100

#### **Summary of Third Party Dosimeter Testing**

Dosimeter Type	Exposure Period	ANSI Category	%(Bias $\pm$ SD) *
Panasonic Environmental	FH 2009	II	8.1 +/- 2.0
	SH 2009	II	-1.8 +/- 2.5

\* Performance criteria are the same as the internal criteria.

Note: Results are expressed as the delivered exposure for environmental TLD. ANSI HPS N13.29-1995 (Draft) Category II, High energy photons (Cs-137 or Co-60).

**TABLE C.1****E-LAB RESULTS IN THE INTRALABORATORY PROCESS CONTROL PROGRAM  
January - December 2009**

	Bias Criteria (1)		Precision Criteria (1), (2)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
<b>Air Particulate</b>				
Gross Beta	255	0	0	0
<b>Air Charcoal</b>				
Gamma-Quantitative	156	0	0	0
<b>Food (Aquatic/Terrestrial)</b>				
Gamma	0	0	16	0
Sr-90	0	0	4	0
<b>Milk</b>				
Gamma	0	0	0	0
Iodine (LL)	3	0	3	0
Sr-89	0	0	0	0
Sr-90	0	0	0	0
<b>Soil/Sed.</b>				
Gamma	0	0	0	0
Sr-90	0	0	0	0
H-3	0	0	6	0
<b>Vegetation (Aquatic/Terrestrial)</b>				
Gamma	0	0	0	0
Iodine (LL)	0	0	0	0
<b>Water</b>				
Gross Alpha	5	1	8	0
Gross Beta	6	0	10	2
Gamma	26	0	56	2
Iodine (LL)	0	0	0	2
Sr-89	0	0	0	0
Sr-90	3	0	0	0
Tritium	23	0	24	0
<b>Total Number In Range:</b>	<b>477</b>	<b>1</b>	<b>127</b>	<b>6</b>
<b>Percentage of Total Processed</b>	<b>99.8</b>	<b>0.2</b>	<b>95.5</b>	<b>4.5</b>
<b>Sum of Analyses:</b>	<b>478</b>		<b>133</b>	

- (1) Percent Bias Acceptance Criteria:  
 $\leq 20$  (or within 2 sigma of known)  
 For Gross Alpha and Beta,  $\leq 25$  (or within 2 sigma of known)  
 For Sr-89/90,  $\leq 25$  (or within 2 sigma of known)

Percent Precision Acceptance Criteria:  
 $\leq 20$  (or within 2 sigma of mean)

- (2) Some Precision data generated from non-positive client samples for specific contractual evaluations.



**TABLE C.2**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM\***  
**Quarter 4, 2008 - Quarter 3, 2009**

SAMPLE NUMBER	QUARTER/ YEAR	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE <sup>4</sup>	KNOWN VALUE <sup>4</sup>	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6346-162	4 <sup>th</sup> /2008	Water	Gross Alpha	104	114	0.91	Agreement
E6346-162	4 <sup>th</sup> /2008	Water	Gross Beta	208	204	1.02	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	I-131LL	57.5	64.1	0.90	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	I-131	54.3	64.1	0.85	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Ce-141	209	224	0.93	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Cr-51	299	288	1.04	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Cs-134	141	157	0.90	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Cs-137	134	140	0.96	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Co-58	115	122	0.94	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Mn-54	172	178	0.97	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Fe-59	122	117	1.04	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Zn-65	203	214	0.95	Agreement
E6347-162	4 <sup>th</sup> /2008	Water	Co-60	154	156	0.99	Agreement
E6348-162	4 <sup>th</sup> /2008	Water	Sr-89	78.8	97.7	0.81	Agreement
E6348-162	4 <sup>th</sup> /2008	Water	Sr-90	14.1	13.4	1.05	Agreement
E6349-162	4 <sup>th</sup> /2008	Water	H-3	10300	10200	1.01	Agreement
E6350-162	4 <sup>th</sup> /2008	Charcoal	I-131	53.1	53.6	0.99	Agreement
E6351-162	4 <sup>th</sup> /2008	Filter	Gross Alpha	72.3	63.2	1.14	Agreement
E6351-162	4 <sup>th</sup> /2008	Filter	Gross Beta	127	113	1.12	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Ce-141	112	119	0.94	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Cr-51	152	153	0.99	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Cs-134	77.8	83.6	0.93	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Cs-137	76.8	74.6	1.03	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Co-58	63.1	64.9	0.97	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Mn-54	91.8	94.6	0.97	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Fe-59	60.4	62.5	0.97	Agreement
E6352-162	4 <sup>th</sup> /2008	Filter	Zn-65	110	114	0.96	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	I-131LL	72.4	79.9	0.91	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	I-131	74.3	79.9	0.93	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Ce-141	184	191	0.96	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Cr-51	235	246	0.96	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Cs-134	125	134	0.93	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Cs-137	119	120	1.00	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Co-58	105	104	1.01	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Mn-54	152	152	1.00	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Fe-59	107	100	1.06	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Zn-65	177	183	0.97	Agreement
E6353-162	4 <sup>th</sup> /2008	Milk	Co-60	135	133	1.01	Agreement

**TABLE C.2 (cont'd)**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM\***  
**Quarter 4, 2008 - Quarter 3, 2009**

SAMPLE NUMBER	QUARTER/ YEAR <sup>3</sup>	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE <sup>4</sup>	KNOWN VALUE <sup>4</sup>	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6558-162	1 <sup>st</sup> /2009	Water	Gross Alpha	120	162	0.75	Non-Agreement <sup>1</sup>
E6558-162	1 <sup>st</sup> /2009	Water	Gross Beta	189	203	0.93	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	I-131LL	63.2	69.0	0.92	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	I-131	58.8	69.0	0.85	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Ce-141	114	120	0.95	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Cr-51	365	387	0.94	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Cs-134	107	119	0.90	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Cs-137	136	141	0.96	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Co-58	145	151	0.96	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Mn-54	165	162	1.02	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Fe-59	128	127	1.01	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Zn-65	192	197	0.97	Agreement
E6559-162	1 <sup>st</sup> /2009	Water	Co-60	184	180	1.02	Agreement
E6560-162	1 <sup>st</sup> /2009	Water	Sr-89	80.5	94.5	0.85	Agreement
E6560-162	1 <sup>st</sup> /2009	Water	Sr-90	14.9	15.1	0.99	Agreement
E6561-162	1 <sup>st</sup> /2009	Water	H-3	4090	4480	0.91	Agreement
E6562-162	1 <sup>st</sup> /2009	Charcoal	I-131	70.5	79.4	0.89	Agreement
E6563-162	1 <sup>st</sup> /2009	Filter	Gross Alpha	140	122	1.15	Agreement <sup>2</sup>
E6563-162	1 <sup>st</sup> /2009	Filter	Gross Beta	168	153	1.10	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	I-131LL	72.9	79.3	0.92	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	I-131	69.1	79.3	0.87	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Ce-141	91.7	94.9	0.97	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Cr-51	300	305	0.98	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Cs-134	85	93.7	0.91	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Cs-137	115	111	1.04	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Co-58	121	119	1.01	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Mn-54	135	128	1.05	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Fe-59	109	99.9	1.09	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Zn-65	155	156	0.99	Agreement
E6564-162	1 <sup>st</sup> /2009	Milk	Co-60	146	142	1.03	Agreement
E6565-162	1 <sup>st</sup> /2009	Milk	Sr-89	80.1	97.7	0.82	Agreement
E6565-162	1 <sup>st</sup> /2009	Milk	Sr-90	14.5	15.6	0.93	Agreement

**TABLE C.2 (cont'd)**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM\***  
 Quarter 4, 2008 - Quarter 3, 2009

SAMPLE NUMBER	QUARTER/ YEAR	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE <sup>1</sup>	KNOWN VALUE <sup>1</sup>	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6711-162	2 <sup>nd</sup> /2009	Water	Gross Alpha	272	281	0.97	Agreement
E6711-162	2 <sup>nd</sup> /2009	Water	Gross Beta	157	141	1.11	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	I-131LL	83.5	88.3	0.95	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	I-131	87.4	88.3	0.99	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Ce-141	206	216	0.96	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Cr-51	290	304	0.95	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Cs-134	111	126	0.88	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Cs-137	148	146	1.02	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Co-58	70.3	69.8	1.01	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Mn-54	107	104	1.03	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Fe-59	97.7	92.9	1.05	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Zn-65	142	133	1.07	Agreement
E6712-162	2 <sup>nd</sup> /2009	Water	Co-60	231	237	0.97	Agreement
E6713-162	2 <sup>nd</sup> /2009	Water	Sr-89	77.8	91.1	0.85	Agreement
E6713-162	2 <sup>nd</sup> /2009	Water	Sr-90	13.1	13.6	0.96	Agreement
E6714-162	2 <sup>nd</sup> /2009	Water	H-3	12300	13300	0.92	Agreement
E6715-162	2 <sup>nd</sup> /2009	Charcoal	I-131	92.5	95.1	0.97	Agreement
E6716-162	2 <sup>nd</sup> /2009	Filter	Gross Alpha	102	118	0.86	Agreement
E6716-162	2 <sup>nd</sup> /2009	Filter	Gross Beta	60.3	59.3	1.02	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Ce-141	79.7	85.6	0.93	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Cr-51	116	121	0.96	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Cs-134	46.9	49.9	0.94	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Cs-137	59.8	57.9	1.03	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Co-58	27.4	27.7	0.99	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Mn-54	41.0	41.3	0.99	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Fe-59	34.8	36.9	0.94	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Zn-65	52.4	52.9	0.99	Agreement
E6717-162	2 <sup>nd</sup> /2009	Filter	Co-60	88.3	94.0	0.94	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	I-131LL	94.7	102	0.93	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	I-131	97.7	102	0.96	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Ce-141	275	284	0.97	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Cr-51	395	400	0.99	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Cs-134	146	166	0.88	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Cs-137	187	192	0.97	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Co-58	90.0	91.9	0.98	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Mn-54	138	137	1.01	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Fe-59	130	122	1.06	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Zn-65	185	175	1.05	Agreement
E6718-162	2 <sup>nd</sup> /2009	Milk	Co-60	316	312	1.01	Agreement

**TABLE C.2 (cont'd)**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM**  
**Quarter 4, 2008 - Quarter 3, 2009**

SAMPLE NUMBER	QUARTER/ YEAR	SAMPLE MEDIA	NUCLIDE	REPORTED VALUE <sup>1</sup>	KNOWN VALUE <sup>2</sup>	RATIO E-LAB/ ANALYTICS	PERFORMANCE EVALUATION
E6823-162	3 <sup>rd</sup> /2009	Water	Gross Alpha	275	324	0.85	Agreement
E6823-162	3 <sup>rd</sup> /2009	Water	Gross Beta	281	287	0.98	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	I-131LL	100.9	98.4	1.02	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	I-131	87.7	98.4	0.89	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Ce-141	258	264	0.98	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Cr-51	199	212	0.94	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Cs-134	108	118	0.92	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Cs-137	175	177	0.99	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Co-58	94.8	95.4	0.99	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Mn-54	200	198	1.01	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Fe-59	146	141	1.04	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Zn-65	198	195	1.01	Agreement
E6824-162	3 <sup>rd</sup> /2009	Water	Co-60	149	154	0.97	Agreement
E6825-162	3 <sup>rd</sup> /2009	Water	Sr-89	88.9	105	0.85	Agreement
E6825-162	3 <sup>rd</sup> /2009	Water	Sr-90	18.1	18.5	0.98	Agreement
E6826-162	3 <sup>rd</sup> /2009	Water	H-3	13500	14100	0.96	Agreement
E6827-162	3 <sup>rd</sup> /2009	Charcoal	I-131	89.5	92.0	0.97	Agreement
E6828-162	3 <sup>rd</sup> /2009	Filter	Gross Alpha	251	265	0.95	Agreement
E6828-162	3 <sup>rd</sup> /2009	Filter	Gross Beta	239	235	1.02	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	I-131LL	97.2	98.6	0.99	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	I-131	104	98.6	1.06	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Ce-141	270	275	0.98	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Cr-51	217	221	0.98	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Cs-134	111	123	0.90	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Cs-137	188	185	1.02	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Co-58	99.2	99.4	1.00	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Mn-54	210	206	1.02	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Fe-59	159	147	1.08	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Zn-65	209	204	1.02	Agreement
E6829-162	3 <sup>rd</sup> /2009	Milk	Co-60	160	160	1.00	Agreement
E6830-162	3 <sup>rd</sup> /2009	Milk	Sr-89	91.8	107	0.86	Agreement
E6830-162	3 <sup>rd</sup> /2009	Milk	Sr-90	18.1	18.8	0.96	Agreement

**NOTES**

<sup>1</sup> The percent difference of the mean value from the known value exceeded the Manual 100 criterion for accuracy. CR 09-21 was issued to investigate the failure.

<sup>2</sup> Eckert & Ziegler Analytics changed the filter preparation method by reducing the thickness of the filter coating from 0.85 mg/cm<sup>2</sup> to 0.5 mg/cm<sup>2</sup>. An instrument recalibration, performed with a .5 mg/cm<sup>2</sup> coated filter, yielded an increase in alpha efficiency of 16%. Application of the new efficiency to the measured result yields a percent difference from the Analytics known value of -1.1%.

<sup>3</sup>These results were erroneously decay corrected to 03/20/09 rather than the true reference date of 03/19/09. This table reflects the results as reported to Analytics, prior to correction. All corrected results, other than gross alpha in water, met the agreement criteria. CR 09-29 was issued to address the reference date error.

<sup>4</sup>Reported and Known values expressed in units of pCi/Liter (Filters and Charcoal in pCi)

## **Appendix D**

### **2009 Data Summary**

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )	
AP	ONS-1	L14771-01	1/7/2009	Gross Beta	4.39E-02	2.90E-03	6.10E-03	*
AP	ONS-2	L14771-02	1/7/2009	Gross Beta	3.43E-02	2.60E-03	6.00E-03	*
AP	ONS-3	L14771-03	1/7/2009	Gross Beta	3.66E-02	2.70E-03	6.20E-03	*
AP	ONS-4	L14771-04	1/7/2009	Gross Beta	3.93E-02	2.80E-03	6.30E-03	*
AP	ONS-5	L14771-05	1/7/2009	Gross Beta	4.71E-02	2.90E-03	6.20E-03	*
AP	ONS-6	L14771-06	1/7/2009	Gross Beta	3.92E-02	2.90E-03	6.50E-03	*
AP	NBF	L14771-07	1/7/2009	Gross Beta	3.62E-02	2.70E-03	6.20E-03	*
AP	SBN	L14771-08	1/7/2009	Gross Beta	4.13E-02	2.70E-03	5.90E-03	*
AP	DOW	L14771-09	1/7/2009	Gross Beta	3.93E-02	2.70E-03	5.80E-03	*
AP	COL	L14771-10	1/7/2009	Gross Beta	3.71E-02	2.70E-03	5.90E-03	*
AP	ONS-1	L14812-01	1/14/2009	Gross Beta	4.06E-02	2.70E-03	5.10E-03	*
AP	ONS-2	L14812-02	1/14/2009	Gross Beta	4.03E-02	2.50E-03	4.50E-03	*
AP	ONS-3	L14812-03	1/14/2009	Gross Beta	4.43E-02	2.70E-03	4.80E-03	*
AP	ONS-4	L14812-04	1/14/2009	Gross Beta	4.67E-02	2.90E-03	4.70E-03	*
AP	ONS-5	L14812-05	1/14/2009	Gross Beta	4.64E-02	2.70E-03	4.80E-03	*
AP	ONS-6	L14812-06	1/14/2009	Gross Beta	4.58E-02	2.70E-03	4.80E-03	*
AP	NBF	L14812-07	1/14/2009	Gross Beta	4.59E-02	2.80E-03	5.00E-03	*
AP	SBN	L14812-08	1/14/2009	Gross Beta	4.72E-02	2.70E-03	4.80E-03	*
AP	DOW	L14812-09	1/14/2009	Gross Beta	4.71E-02	2.70E-03	4.70E-03	*
AP	COL	L14812-10	1/14/2009	Gross Beta	3.99E-02	2.50E-03	4.60E-03	*
AP	ONS-1	L14833-01	1/21/2009	Gross Beta	3.76E-02	2.60E-03	4.90E-03	*
AP	ONS-2	L14833-02	1/21/2009	Gross Beta	3.50E-02	2.30E-03	4.40E-03	*
AP	ONS-3	L14833-03	1/21/2009	Gross Beta	4.27E-02	2.60E-03	4.70E-03	*
AP	ONS-4	L14833-04	1/21/2009	Gross Beta	3.64E-02	2.40E-03	4.50E-03	*
AP	ONS-5	L14833-05	1/21/2009	Gross Beta	4.28E-02	2.60E-03	4.70E-03	*
AP	ONS-6	L14833-06	1/21/2009	Gross Beta	4.34E-02	2.70E-03	5.00E-03	*
AP	NBF	L14833-07	1/21/2009	Gross Beta	3.67E-02	2.50E-03	4.90E-03	*
AP	SBN	L14833-08	1/21/2009	Gross Beta	5.02E-02	2.80E-03	4.70E-03	*
AP	DOW	L14833-09	1/21/2009	Gross Beta	4.00E-02	2.50E-03	4.60E-03	*
AP	COL	L14833-10	1/21/2009	Gross Beta	3.05E-02	2.20E-03	4.40E-03	*
AP	ONS-1	L14857-01	1/28/2009	Gross Beta	4.26E-02	2.60E-03	4.60E-03	*
AP	ONS-2	L14857-02	1/28/2009	Gross Beta	4.33E-02	2.50E-03	4.30E-03	*
AP	ONS-3	L14857-03	1/28/2009	Gross Beta	4.49E-02	2.60E-03	4.50E-03	*
AP	ONS-4	L14857-04	1/28/2009	Gross Beta	4.30E-02	2.50E-03	4.40E-03	*
AP	ONS-5	L14857-05	1/28/2009	Gross Beta	4.86E-02	2.70E-03	4.50E-03	*
AP	ONS-6	L14857-06	1/28/2009	Gross Beta	3.88E-02	2.50E-03	4.70E-03	*
AP	NBF	L14857-07	1/28/2009	Gross Beta	3.97E-02	2.60E-03	4.80E-03	*
AP	SBN	L14857-08	1/28/2009	Gross Beta	4.25E-02	2.60E-03	4.60E-03	*
AP	DOW	L14857-09	1/28/2009	Gross Beta	4.57E-02	2.60E-03	4.30E-03	*
AP	COL	L14857-10	1/28/2009	Gross Beta	3.59E-02	2.30E-03	4.30E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L14872-01	2/4/2009	Gross Beta	4.49E-02	2.80E-03	5.90E-03	*
AP	ONS-2	L14872-02	2/4/2009	Gross Beta	3.76E-02	2.50E-03	5.30E-03	*
AP	ONS-3	L14872-03	2/4/2009	Gross Beta	3.98E-02	2.70E-03	5.70E-03	*
AP	ONS-4	L14872-04	2/4/2009	Gross Beta	3.69E-02	2.60E-03	5.70E-03	*
AP	ONS-5	L14872-05	2/4/2009	Gross Beta	3.93E-02	2.70E-03	5.70E-03	*
AP	ONS-6	L14872-06	2/4/2009	Gross Beta	4.10E-02	2.80E-03	6.10E-03	*
AP	NBF	L14872-07	2/4/2009	Gross Beta	3.94E-02	2.80E-03	6.10E-03	*
AP	SBN	L14872-08	2/4/2009	Gross Beta	3.74E-02	2.60E-03	5.70E-03	*
AP	DOW	L14872-09	2/4/2009	Gross Beta	3.58E-02	2.50E-03	5.50E-03	*
AP	COL	L14872-10	2/4/2009	Gross Beta	3.13E-02	2.50E-03	5.80E-03	*
AP	ONS-1	L14893-01	2/11/2009	Gross Beta	3.77E-02	2.80E-03	6.30E-03	*
AP	ONS-2	L14893-02	2/11/2009	Gross Beta	3.26E-02	2.60E-03	5.90E-03	*
AP	ONS-3	L14893-03	2/11/2009	Gross Beta	3.73E-02	2.70E-03	6.10E-03	*
AP	ONS-4	L14893-04	2/11/2009	Gross Beta	3.09E-02	2.40E-03	5.70E-03	*
AP	ONS-5	L14893-05	2/11/2009	Gross Beta	3.90E-02	2.60E-03	5.70E-03	*
AP	ONS-6	L14893-06	2/11/2009	Gross Beta	3.90E-02	2.70E-03	6.10E-03	*
AP	NBF	L14893-07	2/11/2009	Gross Beta	4.34E-02	2.90E-03	6.30E-03	*
AP	SBN	L14893-08	2/11/2009	Gross Beta	3.49E-02	2.60E-03	5.80E-03	*
AP	DOW	L14893-09	2/11/2009	Gross Beta	4.01E-02	2.70E-03	5.80E-03	*
AP	COL	L14893-10	2/11/2009	Gross Beta	3.69E-02	2.70E-03	6.00E-03	*
AP	ONS-1	L14911-01	2/18/2009	Gross Beta	2.92E-02	2.60E-03	6.30E-03	*
AP	ONS-2	L14911-02	2/18/2009	Gross Beta	2.93E-02	2.50E-03	6.00E-03	*
AP	ONS-3	L14911-03	2/18/2009	Gross Beta	2.90E-02	2.60E-03	6.20E-03	*
AP	ONS-4	L14911-04	2/18/2009	Gross Beta	2.52E-02	2.30E-03	5.80E-03	*
AP	ONS-5	L14911-05	2/18/2009	Gross Beta	3.06E-02	2.40E-03	5.70E-03	*
AP	ONS-6	L14911-06	2/18/2009	Gross Beta	3.54E-02	2.80E-03	6.50E-03	*
AP	NBF	L14911-07	2/18/2009	Gross Beta	2.73E-02	2.40E-03	5.90E-03	*
AP	SBN	L14911-08	2/18/2009	Gross Beta	2.94E-02	2.50E-03	5.90E-03	*
AP	DOW	L14911-09	2/18/2009	Gross Beta	2.99E-02	2.50E-03	5.90E-03	*
AP	COL	L14911-10	2/18/2009	Gross Beta	2.80E-02	2.50E-03	6.10E-03	*
AP	ONS-1	L14928-01	2/25/2009	Gross Beta	4.18E-02	2.80E-03	6.00E-03	*
AP	ONS-2	L14928-02	2/25/2009	Gross Beta	2.98E-02	2.40E-03	5.50E-03	*
AP	ONS-3	L14928-03	2/25/2009	Gross Beta	4.04E-02	2.90E-03	6.50E-03	*
AP	ONS-4	L14928-04	2/25/2009	Gross Beta	3.34E-02	2.60E-03	6.10E-03	*
AP	ONS-5	L14928-05	2/25/2009	Gross Beta	3.66E-02	2.60E-03	5.80E-03	*
AP	ONS-6	L14928-06	2/25/2009	Gross Beta	3.53E-02	2.70E-03	6.10E-03	*
AP	NBF	L14928-07	2/25/2009	Gross Beta	3.85E-02	2.70E-03	6.00E-03	*
AP	SBN	L14928-08	2/25/2009	Gross Beta	3.50E-02	2.60E-03	5.90E-03	*
AP	DOW	L14928-09	2/25/2009	Gross Beta	3.55E-02	2.60E-03	5.80E-03	*
AP	COL	L14928-10	2/25/2009	Gross Beta	2.86E-02	2.40E-03	5.70E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L14948-01	3/4/2009	Gross Beta	3.84E-02	2.60E-03	5.80E-03	*
AP	ONS-2	L14948-02	3/4/2009	Gross Beta	3.37E-02	2.40E-03	5.40E-03	*
AP	ONS-3	L14948-03	3/4/2009	Gross Beta	3.79E-02	2.80E-03	6.50E-03	*
AP	ONS-4	L14948-04	3/4/2009	Gross Beta	3.26E-02	2.60E-03	6.00E-03	*
AP	ONS-5	L14948-05	3/4/2009	Gross Beta	4.27E-02	2.70E-03	5.70E-03	*
AP	ONS-6	L14948-06	3/4/2009	Gross Beta	3.66E-02	2.60E-03	5.80E-03	*
AP	NBF	L14948-07	3/4/2009	Gross Beta	3.53E-02	2.70E-03	6.00E-03	*
AP	SBN	L14948-08	3/4/2009	Gross Beta	3.51E-02	2.50E-03	5.70E-03	*
AP	DOW	L14948-09	3/4/2009	Gross Beta	3.53E-02	2.50E-03	5.70E-03	*
AP	COL	L14948-10	3/4/2009	Gross Beta	3.28E-02	2.50E-03	5.60E-03	*
AP	ONS-1	L14962-01	3/11/2009	Gross Beta	3.52E-02	2.60E-03	5.60E-03	*
AP	ONS-2	L14962-02	3/11/2009	Gross Beta	3.58E-02	2.80E-03	6.30E-03	*
AP	ONS-3	L14962-03	3/11/2009	Gross Beta	3.89E-02	2.70E-03	5.80E-03	*
AP	ONS-4	L14962-04	3/11/2009	Gross Beta	3.24E-02	2.40E-03	5.30E-03	*
AP	ONS-5	L14962-05	3/11/2009	Gross Beta	3.66E-02	2.50E-03	5.00E-03	*
AP	ONS-6	L14962-06	3/11/2009	Gross Beta	3.89E-02	2.60E-03	5.30E-03	*
AP	NBF	L14962-07	3/11/2009	Gross Beta	3.95E-02	2.60E-03	5.30E-03	*
AP	SBN	L14962-08	3/11/2009	Gross Beta	3.60E-02	2.50E-03	5.20E-03	*
AP	DOW	L14962-09	3/11/2009	Gross Beta	3.47E-02	2.40E-03	5.10E-03	*
AP	COL	L14962-10	3/11/2009	Gross Beta	3.47E-02	2.50E-03	5.40E-03	*
AP	ONS-1	L14994-01	3/18/2009	Gross Beta	4.59E-02	2.70E-03	4.70E-03	*
AP	ONS-2	L14994-02	3/18/2009	Gross Beta	4.04E-02	2.50E-03	4.50E-03	*
AP	ONS-3	L14994-03	3/18/2009	Gross Beta	4.75E-02	2.80E-03	4.80E-03	*
AP	ONS-4	L14994-04	3/18/2009	Gross Beta	3.89E-02	2.50E-03	4.40E-03	*
AP	ONS-5	L14994-05	3/18/2009	Gross Beta	4.33E-02	2.50E-03	4.20E-03	*
AP	ONS-6	L14994-06	3/18/2009	Gross Beta	4.49E-02	2.60E-03	4.50E-03	*
AP	NBF	L14994-07	3/18/2009	Gross Beta	4.16E-02	2.60E-03	4.50E-03	*
AP	SBN	L14994-08	3/18/2009	Gross Beta	4.54E-02	2.60E-03	4.50E-03	*
AP	DOW	L14994-09	3/18/2009	Gross Beta	3.95E-02	2.40E-03	4.20E-03	*
AP	COL	L14994-10	3/18/2009	Gross Beta	4.00E-02	2.50E-03	4.50E-03	*
AP	ONS-1	L15013-01	3/25/2009	Gross Beta	3.66E-02	2.80E-03	6.30E-03	*
AP	ONS-2	L15013-02	3/25/2009	Gross Beta	3.38E-02	2.60E-03	6.10E-03	*
AP	ONS-3	L15013-03	3/25/2009	Gross Beta	3.47E-02	2.70E-03	6.20E-03	*
AP	ONS-4	L15013-04	3/25/2009	Gross Beta	3.34E-02	2.60E-03	6.00E-03	*
AP	ONS-5	L15013-05	3/25/2009	Gross Beta	3.67E-02	2.60E-03	5.70E-03	*
AP	ONS-6	L15013-06	3/25/2009	Gross Beta	3.72E-02	2.80E-03	6.40E-03	*
AP	NBF	L15013-07	3/25/2009	Gross Beta	4.07E-02	2.70E-03	6.10E-03	*
AP	SBN	L15013-08	3/25/2009	Gross Beta	3.35E-02	2.60E-03	6.00E-03	*
AP	DOW	L15013-09	3/25/2009	Gross Beta	3.41E-02	2.50E-03	5.70E-03	*
AP	COL	L15013-10	3/25/2009	Gross Beta	2.79E-02	2.40E-03	5.70E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )	
AP	ONS-1	L15026-01	4/1/2009	Gross Beta	2.42E-02	2.20E-03	5.10E-03	*
AP	ONS-2	L15026-02	4/1/2009	Gross Beta	2.43E-02	2.40E-03	5.90E-03	*
AP	ONS-3	L15026-03	4/1/2009	Gross Beta	2.25E-02	2.20E-03	5.30E-03	*
AP	ONS-4	L15026-04	4/1/2009	Gross Beta	2.09E-02	2.30E-03	5.70E-03	*
AP	ONS-5	L15026-05	4/1/2009	Gross Beta	2.03E-02	2.20E-03	5.40E-03	*
AP	ONS-6	L15026-06	4/1/2009	Gross Beta	2.79E-02	2.50E-03	6.10E-03	*
AP	NBF	L15026-07	4/1/2009	Gross Beta	2.91E-02	2.50E-03	5.80E-03	*
AP	SBN	L15026-08	4/1/2009	Gross Beta	2.65E-02	2.40E-03	5.80E-03	*
AP	DOW	L15026-09	4/1/2009	Gross Beta	2.64E-02	2.30E-03	5.40E-03	*
AP	COL	L15026-10	4/1/2009	Gross Beta	1.94E-02	2.10E-03	5.40E-03	*
AP	ONS-1	L15068-01	4/8/2009	Gross Beta	2.94E-02	2.50E-03	5.80E-03	*
AP	ONS-2	L15068-02	4/8/2009	Gross Beta	2.32E-02	2.40E-03	5.90E-03	*
AP	ONS-3	L15068-03	4/8/2009	Gross Beta	2.46E-02	2.30E-03	5.60E-03	*
AP	ONS-4	L15068-04	4/8/2009	Gross Beta	2.77E-02	2.40E-03	5.80E-03	*
AP	ONS-5	L15068-05	4/8/2009	Gross Beta	2.34E-02	2.30E-03	5.50E-03	*
AP	ONS-6	L15068-06	4/8/2009	Gross Beta	2.93E-02	2.50E-03	5.80E-03	*
AP	NBF	L15068-07	4/8/2009	Gross Beta	2.39E-02	2.40E-03	5.90E-03	*
AP	SBN	L15068-08	4/8/2009	Gross Beta	2.68E-02	2.50E-03	6.00E-03	*
AP	DOW	L15068-09	4/8/2009	Gross Beta	2.06E-02	2.20E-03	5.60E-03	*
AP	COL	L15068-10	4/8/2009	Gross Beta	2.45E-02	2.30E-03	5.70E-03	*
AP	ONS-1	L15092-01	4/15/2009	Gross Beta	3.48E-02	2.60E-03	5.80E-03	*
AP	ONS-2	L15092-02	4/15/2009	Gross Beta	2.98E-02	2.50E-03	5.70E-03	*
AP	ONS-3	L15092-03	4/15/2009	Gross Beta	3.34E-02	2.50E-03	5.70E-03	*
AP	ONS-4	L15092-04	4/15/2009	Gross Beta	3.08E-02	2.50E-03	5.70E-03	*
AP	ONS-5	L15092-05	4/15/2009	Gross Beta	3.31E-02	2.40E-03	5.40E-03	*
AP	ONS-6	L15092-06	4/15/2009	Gross Beta	3.65E-02	2.60E-03	5.70E-03	*
AP	NBF	L15092-07	4/15/2009	Gross Beta	3.20E-02	2.50E-03	5.70E-03	*
AP	SBN	L15092-08	4/15/2009	Gross Beta	3.03E-02	2.50E-03	5.60E-03	*
AP	DOW	L15092-09	4/15/2009	Gross Beta	3.06E-02	2.40E-03	5.40E-03	*
AP	COL	L15092-10	4/15/2009	Gross Beta	3.49E-02	2.50E-03	5.40E-03	*
AP	ONS-1	L15113-01	4/22/2009	Gross Beta	2.66E-02	2.30E-03	5.40E-03	*
AP	ONS-2	L15113-02	4/22/2009	Gross Beta	2.33E-02	2.30E-03	5.40E-03	*
AP	ONS-3	L15113-03	4/22/2009	Gross Beta	2.73E-02	2.40E-03	5.50E-03	*
AP	ONS-4	L15113-04	4/22/2009	Gross Beta	2.54E-02	2.30E-03	5.50E-03	*
AP	ONS-5	L15113-05	4/22/2009	Gross Beta	3.13E-02	2.40E-03	5.30E-03	*
AP	ONS-6	L15113-06	4/22/2009	Gross Beta	3.03E-02	2.50E-03	5.80E-03	*
AP	NBF	L15113-07	4/22/2009	Gross Beta	2.90E-02	2.40E-03	5.40E-03	*
AP	SBN	L15113-08	4/22/2009	Gross Beta	2.63E-02	2.30E-03	5.40E-03	*
AP	DOW	L15113-09	4/22/2009	Gross Beta	2.27E-02	2.20E-03	5.30E-03	*
AP	COL	L15113-10	4/22/2009	Gross Beta	2.65E-02	2.30E-03	5.20E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L15141-01	4/29/2009	Gross Beta	2.26E-02	2.20E-03	5.50E-03	*
AP	ONS-2	L15141-02	4/29/2009	Gross Beta	1.85E-02	2.10E-03	5.40E-03	*
AP	ONS-3	L15141-03	4/29/2009	Gross Beta	2.57E-02	2.30E-03	5.60E-03	*
AP	ONS-4	L15141-04	4/29/2009	Gross Beta	2.15E-02	2.20E-03	5.60E-03	*
AP	ONS-5	L15141-05	4/29/2009	Gross Beta	2.80E-02	2.40E-03	5.70E-03	*
AP	ONS-6	L15141-06	4/29/2009	Gross Beta	2.43E-02	2.40E-03	5.80E-03	*
AP	NBF	L15141-07	4/29/2009	Gross Beta	2.64E-02	2.40E-03	5.70E-03	*
AP	SBN	L15141-08	4/29/2009	Gross Beta	2.50E-02	2.30E-03	5.50E-03	*
AP	DOW	L15141-09	4/29/2009	Gross Beta	2.14E-02	2.10E-03	5.00E-03	*
AP	COL	L15141-10	4/29/2009	Gross Beta	2.07E-02	2.20E-03	5.60E-03	*
AP	ONS-1	L15178-01	5/6/2009	Gross Beta	2.90E-02	2.40E-03	5.60E-03	*
AP	ONS-2	L15178-02	5/6/2009	Gross Beta	2.86E-02	2.40E-03	5.60E-03	*
AP	ONS-3	L15178-03	5/6/2009	Gross Beta	2.88E-02	2.50E-03	5.80E-03	*
AP	ONS-4	L15178-04	5/6/2009	Gross Beta	2.55E-02	2.40E-03	5.70E-03	*
AP	ONS-5	L15178-05	5/6/2009	Gross Beta	3.46E-02	2.50E-03	5.60E-03	*
AP	ONS-6	L15178-06	5/6/2009	Gross Beta	3.56E-02	2.60E-03	5.80E-03	*
AP	NBF	L15178-07	5/6/2009	Gross Beta	2.61E-02	2.40E-03	5.80E-03	*
AP	SBN	L15178-08	5/6/2009	Gross Beta	3.16E-02	2.50E-03	5.60E-03	*
AP	DOW	L15178-09	5/6/2009	Gross Beta	2.52E-02	2.20E-03	5.10E-03	*
AP	COL	L15178-10	5/6/2009	Gross Beta	2.52E-02	2.30E-03	5.50E-03	*
AP	ONS-1	L15198-01	5/13/2009	Gross Beta	2.62E-02	2.30E-03	5.50E-03	*
AP	ONS-2	L15198-02	5/13/2009	Gross Beta	2.25E-02	2.10E-03	5.20E-03	*
AP	ONS-3	L15198-03	5/13/2009	Gross Beta	2.63E-02	2.20E-03	5.10E-03	*
AP	ONS-4	L15198-04	5/13/2009	Gross Beta	2.03E-02	2.10E-03	5.10E-03	*
AP	ONS-5	L15198-05	5/13/2009	Gross Beta	2.42E-02	2.20E-03	5.20E-03	*
AP	ONS-6	L15198-06	5/13/2009	Gross Beta	2.61E-02	2.30E-03	5.40E-03	*
AP	NBF	L15198-07	5/13/2009	Gross Beta	2.35E-02	2.30E-03	5.50E-03	*
AP	SBN	L15198-08	5/13/2009	Gross Beta	2.53E-02	2.30E-03	5.30E-03	*
AP	DOW	L15198-09	5/13/2009	Gross Beta	2.40E-02	2.10E-03	4.80E-03	*
AP	COL	L15198-10	5/13/2009	Gross Beta	2.15E-02	2.10E-03	5.10E-03	*
AP	ONS-1	L15230-01	5/20/2009	Gross Beta	2.60E-02	2.30E-03	5.50E-03	*
AP	ONS-2	L15230-02	5/20/2009	Gross Beta	2.13E-02	2.10E-03	5.20E-03	*
AP	ONS-3	L15230-03	5/20/2009	Gross Beta	2.42E-02	2.20E-03	5.20E-03	*
AP	ONS-4	L15230-04	5/20/2009	Gross Beta	2.04E-02	2.10E-03	5.20E-03	*
AP	ONS-5	L15230-05	5/20/2009	Gross Beta	2.68E-02	2.50E-03	6.10E-03	*
AP	ONS-6	L15230-06	5/20/2009	Gross Beta	2.87E-02	2.40E-03	5.60E-03	*
AP	NBF	L15230-07	5/20/2009	Gross Beta	2.53E-02	2.30E-03	5.60E-03	*
AP	SBN	L15230-08	5/20/2009	Gross Beta	2.62E-02	2.30E-03	5.50E-03	*
AP	DOW	L15230-09	5/20/2009	Gross Beta	2.30E-02	2.20E-03	5.30E-03	*
AP	COL	L15230-10	5/20/2009	Gross Beta	2.19E-02	2.20E-03	5.40E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
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## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )	
AP	ONS-1	L15253-01	5/27/2009	Gross Beta	3.24E-02	2.30E-03	4.20E-03	*
AP	ONS-2	L15253-02	5/27/2009	Gross Beta	2.73E-02	2.10E-03	4.20E-03	*
AP	ONS-3	L15253-03	5/27/2009	Gross Beta	2.86E-02	2.10E-03	4.00E-03	*
AP	ONS-4	L15253-04	5/27/2009	Gross Beta	2.69E-02	2.20E-03	4.40E-03	*
AP	ONS-5	L15253-05	5/27/2009	Gross Beta	2.96E-02	2.20E-03	4.20E-03	*
AP	ONS-6	L15253-06	5/27/2009	Gross Beta	2.97E-02	2.30E-03	4.40E-03	*
AP	NBF	L15253-07	5/27/2009	Gross Beta	3.15E-02	2.30E-03	4.30E-03	*
AP	SBN	L15253-08	5/27/2009	Gross Beta	3.06E-02	2.20E-03	4.30E-03	*
AP	DOW	L15253-09	5/27/2009	Gross Beta	3.11E-02	2.20E-03	4.20E-03	*
AP	COL	L15253-10	5/27/2009	Gross Beta	3.22E-02	2.20E-03	4.20E-03	*
AP	ONS-1	L15273-01	6/3/2009	Gross Beta	1.97E-02	2.30E-03	6.00E-03	*
AP	ONS-2	L15273-02	6/3/2009	Gross Beta	1.68E-02	2.20E-03	5.90E-03	*
AP	ONS-3	L15273-03	6/3/2009	Gross Beta	2.13E-02	2.20E-03	5.70E-03	*
AP	ONS-4	L15273-04	6/3/2009	Gross Beta	1.76E-02	2.20E-03	5.80E-03	*
AP	ONS-5	L15273-05	6/3/2009	Gross Beta	2.11E-02	2.30E-03	5.90E-03	*
AP	ONS-6	L15273-06	6/3/2009	Gross Beta	2.26E-02	2.30E-03	5.80E-03	*
AP	NBF	L15273-07	6/3/2009	Gross Beta	2.01E-02	2.20E-03	5.70E-03	*
AP	SBN	L15273-08	6/3/2009	Gross Beta	2.41E-02	2.40E-03	6.00E-03	*
AP	DOW	L15273-09	6/3/2009	Gross Beta	1.85E-02	2.30E-03	6.10E-03	*
AP	COL	L15273-10	6/3/2009	Gross Beta	2.01E-02	2.30E-03	5.80E-03	*
AP	ONS-1	L15294-01	6/10/2009	Gross Beta	2.29E-02	2.30E-03	5.70E-03	*
AP	ONS-2	L15294-02	6/10/2009	Gross Beta	2.30E-02	2.20E-03	5.30E-03	*
AP	ONS-3	L15294-03	6/10/2009	Gross Beta	2.52E-02	2.30E-03	5.50E-03	*
AP	ONS-4	L15294-04	6/10/2009	Gross Beta	2.12E-02	2.20E-03	5.30E-03	*
AP	ONS-5	L15294-05	6/10/2009	Gross Beta	2.41E-02	2.30E-03	5.50E-03	*
AP	ONS-6	L15294-06	6/10/2009	Gross Beta	2.37E-02	2.30E-03	5.50E-03	*
AP	NBF	L15294-07	6/10/2009	Gross Beta	2.47E-02	2.20E-03	5.30E-03	*
AP	SBN	L15294-08	6/10/2009	Gross Beta	2.57E-02	2.30E-03	5.60E-03	*
AP	DOW	L15294-09	6/10/2009	Gross Beta	2.45E-02	2.40E-03	5.80E-03	*
AP	COL	L15294-10	6/10/2009	Gross Beta	2.46E-02	2.30E-03	5.60E-03	*
AP	ONS-1	L15317-01	6/17/2009	Gross Beta	2.51E-02	2.20E-03	5.10E-03	*
AP	ONS-2	L15317-02	6/17/2009	Gross Beta	2.56E-02	2.10E-03	4.70E-03	*
AP	ONS-3	L15317-03	6/17/2009	Gross Beta	2.47E-02	2.20E-03	4.80E-03	*
AP	ONS-4	L15317-04	6/17/2009	Gross Beta	2.49E-02	2.20E-03	4.90E-03	*
AP	ONS-5	L15317-05	6/17/2009	Gross Beta	3.28E-02	2.70E-03	5.80E-03	*
AP	ONS-6	L15317-06	6/17/2009	Gross Beta	2.58E-02	2.20E-03	4.90E-03	*
AP	NBF	L15317-07	6/17/2009	Gross Beta	2.09E-02	2.10E-03	4.80E-03	*
AP	SBN	L15317-08	6/17/2009	Gross Beta	2.78E-02	2.20E-03	4.90E-03	*
AP	DOW	L15317-09	6/17/2009	Gross Beta	2.33E-02	2.10E-03	4.80E-03	*
AP	COL	L15317-10	6/17/2009	Gross Beta	2.38E-02	2.10E-03	4.80E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
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## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L15346-01	6/24/2009	Gross Beta	3.26E-02	2.50E-03	5.70E-03	*
AP	ONS-2	L15346-02	6/24/2009	Gross Beta	2.85E-02	2.30E-03	5.40E-03	*
AP	ONS-3	L15346-03	6/24/2009	Gross Beta	2.81E-02	2.30E-03	5.40E-03	*
AP	ONS-4	L15346-04	6/24/2009	Gross Beta	3.10E-02	2.50E-03	5.60E-03	*
AP	ONS-5	L15346-05	6/24/2009	Gross Beta	3.01E-02	2.40E-03	5.40E-03	*
AP	ONS-6	L15346-06	6/24/2009	Gross Beta	3.03E-02	2.40E-03	5.40E-03	*
AP	NBF	L15346-07	6/24/2009	Gross Beta	3.39E-02	2.50E-03	5.40E-03	*
AP	SBN	L15346-08	6/24/2009	Gross Beta	2.96E-02	2.40E-03	5.40E-03	*
AP	DOW	L15346-09	6/24/2009	Gross Beta	2.94E-02	2.30E-03	5.30E-03	*
AP	COL	L15346-10	6/24/2009	Gross Beta	2.92E-02	2.30E-03	5.30E-03	*
AP	ONS-1	L15376-01	7/1/2009	Gross Beta	2.41E-02	2.30E-03	5.60E-03	*
AP	ONS-2	L15376-02	7/1/2009	Gross Beta	2.21E-02	2.20E-03	5.40E-03	*
AP	ONS-3	L15376-03	7/1/2009	Gross Beta	2.55E-02	2.30E-03	5.40E-03	*
AP	ONS-4	L15376-04	7/1/2009	Gross Beta	2.49E-02	2.30E-03	5.60E-03	*
AP	ONS-5	L15376-05	7/1/2009	Gross Beta	3.66E-02	3.60E-03	8.70E-03	*
AP	ONS-6	L15376-06	7/1/2009	Gross Beta	3.09E-02	2.40E-03	5.50E-03	*
AP	NBF	L15376-07	7/1/2009	Gross Beta	2.72E-02	2.30E-03	5.50E-03	*
AP	SBN	L15376-08	7/1/2009	Gross Beta	2.69E-02	2.40E-03	5.50E-03	*
AP	DOW	L15376-09	7/1/2009	Gross Beta	2.71E-02	2.40E-03	5.60E-03	*
AP	COL	L15376-10	7/1/2009	Gross Beta	2.41E-02	2.30E-03	5.50E-03	*
AP	ONS-1	L15406-01	7/8/2009	Gross Beta	2.04E-02	2.20E-03	5.60E-03	*
AP	ONS-2	L15406-02	7/8/2009	Gross Beta	2.00E-02	2.20E-03	5.50E-03	*
AP	ONS-3	L15406-03	7/8/2009	Gross Beta	1.53E-02	2.10E-03	5.50E-03	*
AP	ONS-4	L15406-04	7/8/2009	Gross Beta	1.49E-02	2.10E-03	5.70E-03	*
AP	ONS-5	L15406-05	7/8/2009	Gross Beta	1.58E-02	2.10E-03	5.70E-03	*
AP	ONS-6	L15406-06	7/8/2009	Gross Beta	1.70E-02	2.10E-03	5.50E-03	*
AP	NBF	L15406-07	7/8/2009	Gross Beta	1.78E-02	2.10E-03	5.30E-03	*
AP	SBN	L15406-08	7/8/2009	Gross Beta	1.83E-02	2.10E-03	5.40E-03	*
AP	DOW	L15406-09	7/8/2009	Gross Beta	1.92E-02	2.10E-03	5.30E-03	*
AP	COL	L15406-10	7/8/2009	Gross Beta	1.45E-02	2.00E-03	5.50E-03	*
AP	ONS-1	L15435-01	7/15/2009	Gross Beta	2.70E-02	2.20E-03	4.40E-03	*
AP	ONS-2	L15435-02	7/15/2009	Gross Beta	2.16E-02	2.00E-03	4.50E-03	*
AP	ONS-3	L15435-03	7/15/2009	Gross Beta	2.28E-02	2.00E-03	4.30E-03	*
AP	ONS-4	L15435-04	7/15/2009	Gross Beta	2.21E-02	2.00E-03	4.30E-03	*
AP	ONS-5	L15435-05	7/15/2009	Gross Beta	2.55E-02	2.10E-03	4.30E-03	*
AP	ONS-6	L15435-06	7/15/2009	Gross Beta	2.32E-02	2.00E-03	4.40E-03	*
AP	NBF	L15435-07	7/15/2009	Gross Beta	2.52E-02	2.10E-03	4.20E-03	*
AP	SBN	L15435-08	7/15/2009	Gross Beta	2.34E-02	2.00E-03	4.30E-03	*
AP	DOW	L15435-09	7/15/2009	Gross Beta	2.18E-02	1.90E-03	4.10E-03	*
AP	COL	L15435-10	7/15/2009	Gross Beta	1.70E-02	1.90E-03	4.30E-03	*

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+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L15464-01	7/22/2009	Gross Beta	2.11E-02	1.90E-03	4.20E-03	*
AP	ONS-2	L15464-02	7/22/2009	Gross Beta	1.78E-02	1.90E-03	4.20E-03	*
AP	ONS-3	L15464-03	7/22/2009	Gross Beta	1.71E-02	1.80E-03	4.00E-03	*
AP	ONS-4	L15464-04	7/22/2009	Gross Beta	2.10E-02	1.90E-03	4.10E-03	*
AP	ONS-5	L15464-05	7/22/2009	Gross Beta	1.77E-02	1.80E-03	4.10E-03	*
AP	ONS-6	L15464-06	7/22/2009	Gross Beta	2.00E-02	1.90E-03	4.00E-03	*
AP	NBF	L15464-07	7/22/2009	Gross Beta	1.70E-02	1.80E-03	4.00E-03	*
AP	SBN	L15464-08	7/22/2009	Gross Beta	1.92E-02	1.90E-03	4.00E-03	*
AP	DOW	L15464-09	7/22/2009	Gross Beta	2.16E-02	1.90E-03	4.00E-03	*
AP	COL	L15464-10	7/22/2009	Gross Beta	1.65E-02	1.80E-03	4.10E-03	*
AP	ONS-1	L15480-01	7/29/2009	Gross Beta	3.18E-02	2.40E-03	5.30E-03	*
AP	ONS-2	L15480-02	7/29/2009	Gross Beta	2.78E-02	2.40E-03	5.50E-03	*
AP	ONS-3	L15480-03	7/29/2009	Gross Beta	3.11E-02	2.40E-03	5.30E-03	*
AP	ONS-4	L15480-04	7/29/2009	Gross Beta	2.68E-02	2.40E-03	5.50E-03	*
AP	ONS-5	L15480-05	7/29/2009	Gross Beta	3.31E-02	2.50E-03	5.50E-03	*
AP	ONS-6	L15480-06	7/29/2009	Gross Beta	2.83E-02	2.40E-03	5.40E-03	*
AP	NBF	L15480-07	7/29/2009	Gross Beta	3.46E-02	2.50E-03	5.40E-03	*
AP	SBN	L15480-08	7/29/2009	Gross Beta	2.68E-02	2.30E-03	5.40E-03	*
AP	DOW	L15480-09	7/29/2009	Gross Beta	3.07E-02	2.40E-03	5.30E-03	*
AP	COL	L15480-10	7/29/2009	Gross Beta	2.59E-02	2.30E-03	5.50E-03	*
AP	ONS-1	L15515-01	8/5/2009	Gross Beta	3.41E-02	2.40E-03	5.00E-03	*
AP	ONS-2	L15515-02	8/5/2009	Gross Beta	3.03E-02	2.30E-03	5.00E-03	*
AP	ONS-3	L15515-03	8/5/2009	Gross Beta	2.87E-02	2.30E-03	5.10E-03	*
AP	ONS-4	L15515-04	8/5/2009	Gross Beta	2.45E-02	2.20E-03	5.20E-03	*
AP	ONS-5	L15515-05	8/5/2009	Gross Beta	2.96E-02	2.30E-03	5.20E-03	*
AP	ONS-6	L15515-06	8/5/2009	Gross Beta	3.00E-02	2.30E-03	5.10E-03	*
AP	NBF	L15515-07	8/5/2009	Gross Beta	3.28E-02	2.40E-03	5.10E-03	*
AP	SBN	L15515-08	8/5/2009	Gross Beta	3.07E-02	2.40E-03	5.20E-03	*
AP	DOW	L15515-09	8/5/2009	Gross Beta	3.47E-02	2.40E-03	5.10E-03	*
AP	COL	L15515-10	8/5/2009	Gross Beta	2.66E-02	2.20E-03	5.00E-03	*
AP	ONS-1	L15530-01	8/12/2009	Gross Beta	2.53E-02	2.30E-03	5.60E-03	*
AP	ONS-2	L15530-02	8/12/2009	Gross Beta	2.76E-02	2.30E-03	5.40E-03	*
AP	ONS-3	L15530-03	8/12/2009	Gross Beta	3.10E-02	2.50E-03	5.80E-03	*
AP	ONS-4	L15530-04	8/12/2009	Gross Beta	3.02E-02	2.50E-03	5.70E-03	*
AP	ONS-5	L15530-05	8/12/2009	Gross Beta	2.60E-02	2.40E-03	5.70E-03	*
AP	ONS-6	L15530-06	8/12/2009	Gross Beta	2.67E-02	2.40E-03	5.60E-03	*
AP	NBF	L15530-07	8/12/2009	Gross Beta	2.58E-02	2.40E-03	5.70E-03	*
AP	SBN	L15530-08	8/12/2009	Gross Beta	2.91E-02	2.40E-03	5.60E-03	*
AP	DOW	L15530-09	8/12/2009	Gross Beta	3.08E-02	2.40E-03	5.60E-03	*
AP	COL	L15530-10	8/12/2009	Gross Beta	2.78E-02	2.30E-03	5.40E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L15555-01	8/19/2009	Gross Beta	3.61E-02	2.40E-03	5.00E-03	*
AP	ONS-2	L15555-02	8/19/2009	Gross Beta	3.71E-02	2.50E-03	5.10E-03	*
AP	ONS-3	L15555-03	8/19/2009	Gross Beta	3.70E-02	2.40E-03	4.90E-03	*
AP	ONS-4	L15555-04	8/19/2009	Gross Beta	3.00E-02	2.40E-03	5.20E-03	*
AP	ONS-5	L15555-05	8/19/2009	Gross Beta	3.21E-02	2.40E-03	5.20E-03	*
AP	ONS-6	L15555-06	8/19/2009	Gross Beta	3.90E-02	2.60E-03	5.20E-03	*
AP	NBF	L15555-07	8/19/2009	Gross Beta	3.79E-02	2.50E-03	5.20E-03	*
AP	SBN	L15555-08	8/19/2009	Gross Beta	3.63E-02	2.50E-03	5.10E-03	*
AP	DOW	L15555-09	8/19/2009	Gross Beta	3.93E-02	2.50E-03	5.00E-03	*
AP	COL	L15555-10	8/19/2009	Gross Beta	3.48E-02	2.40E-03	5.00E-03	*
AP	ONS-1	L15592-01	8/26/2009	Gross Beta	1.77E-02	2.00E-03	5.00E-03	*
AP	ONS-2	L15592-02	8/26/2009	Gross Beta	1.92E-02	2.00E-03	5.00E-03	*
AP	ONS-3	L15592-03	8/26/2009	Gross Beta	1.39E-02	1.90E-03	5.20E-03	*
AP	ONS-4	L15592-04	8/26/2009	Gross Beta	1.84E-02	2.00E-03	5.00E-03	*
AP	ONS-5	L15592-05	8/26/2009	Gross Beta	1.83E-02	2.00E-03	5.00E-03	*
AP	ONS-6	L15592-06	8/26/2009	Gross Beta	1.83E-02	2.10E-03	5.20E-03	*
AP	NBF	L15592-07	8/26/2009	Gross Beta	2.07E-02	2.10E-03	5.10E-03	*
AP	SBN	L15592-08	8/26/2009	Gross Beta	2.01E-02	2.10E-03	5.00E-03	*
AP	DOW	L15592-09	8/26/2009	Gross Beta	1.82E-02	2.10E-03	5.20E-03	*
AP	COL	L15592-10	8/26/2009	Gross Beta	1.72E-02	2.00E-03	5.10E-03	*
AP	ONS-1	L15616-01	9/2/2009	Gross Beta	2.02E-02	2.10E-03	4.90E-03	*
AP	ONS-2	L15616-02	9/2/2009	Gross Beta	2.18E-02	2.10E-03	5.00E-03	*
AP	ONS-3	L15616-03	9/2/2009	Gross Beta	2.20E-02	2.10E-03	4.90E-03	*
AP	ONS-4	L15616-04	9/2/2009	Gross Beta	2.10E-02	2.10E-03	5.00E-03	*
AP	ONS-5	L15616-05	9/2/2009	Gross Beta	2.18E-02	2.10E-03	4.90E-03	*
AP	ONS-6	L15616-06	9/2/2009	Gross Beta	2.27E-02	2.10E-03	5.00E-03	*
AP	NBF	L15616-07	9/2/2009	Gross Beta	2.31E-02	2.10E-03	5.00E-03	*
AP	SBN	L15616-08	9/2/2009	Gross Beta	1.73E-02	2.00E-03	4.90E-03	*
AP	DOW	L15616-09	9/2/2009	Gross Beta	2.18E-02	2.10E-03	5.00E-03	*
AP	COL	L15616-10	9/2/2009	Gross Beta	1.65E-02	1.90E-03	4.90E-03	*
AP	ONS-1	L15640-01	9/9/2009	Gross Beta	4.45E-02	2.50E-03	3.80E-03	*
AP	ONS-2	L15640-02	9/9/2009	Gross Beta	4.12E-02	2.50E-03	4.00E-03	*
AP	ONS-3	L15640-03	9/9/2009	Gross Beta	4.45E-02	2.50E-03	4.00E-03	*
AP	ONS-4	L15640-04	9/9/2009	Gross Beta	4.45E-02	2.60E-03	4.10E-03	*
AP	ONS-5	L15640-05	9/9/2009	Gross Beta	4.41E-02	2.50E-03	3.90E-03	*
AP	ONS-6	L15640-06	9/9/2009	Gross Beta	4.19E-02	2.50E-03	4.00E-03	*
AP	NBF	L15640-07	9/9/2009	Gross Beta	4.23E-02	2.50E-03	4.00E-03	*
AP	SBN	L15640-08	9/9/2009	Gross Beta	4.64E-02	2.50E-03	3.80E-03	*
AP	DOW	L15640-09	9/9/2009	Gross Beta	4.28E-02	2.40E-03	3.80E-03	*
AP	COL	L15640-10	9/9/2009	Gross Beta	3.83E-02	2.30E-03	3.80E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L15664-01	9/16/2009	Gross Beta	4.67E-02	2.60E-03	4.70E-03	*
AP	ONS-2	L15664-02	9/16/2009	Gross Beta	5.04E-02	2.70E-03	4.90E-03	*
AP	ONS-3	L15664-03	9/16/2009	Gross Beta	5.22E-02	2.80E-03	5.00E-03	*
AP	ONS-4	L15664-04	9/16/2009	Gross Beta	5.19E-02	2.80E-03	5.10E-03	*
AP	ONS-5	L15664-05	9/16/2009	Gross Beta	5.15E-02	2.80E-03	5.00E-03	*
AP	ONS-6	L15664-06	9/16/2009	Gross Beta	5.37E-02	2.80E-03	5.10E-03	*
AP	NBF	L15664-07	9/16/2009	Gross Beta	5.17E-02	2.80E-03	5.10E-03	*
AP	SBN	L15664-08	9/16/2009	Gross Beta	4.57E-02	2.60E-03	4.90E-03	*
AP	DOW	L15664-09	9/16/2009	Gross Beta	5.06E-02	2.70E-03	4.90E-03	*
AP	COL	L15664-10	9/16/2009	Gross Beta	4.37E-02	2.60E-03	4.80E-03	*
AP	ONS-1	L15691-01	9/23/2009	Gross Beta	2.27E-02	2.10E-03	4.40E-03	*
AP	ONS-2	L15691-02	9/23/2009	Gross Beta	2.48E-02	2.10E-03	4.40E-03	*
AP	ONS-3	L15691-03	9/23/2009	Gross Beta	2.63E-02	2.10E-03	4.40E-03	*
AP	ONS-4	L15691-04	9/23/2009	Gross Beta	2.53E-02	2.10E-03	4.40E-03	*
AP	ONS-5	L15691-05	9/23/2009	Gross Beta	1.99E-02	2.00E-03	4.40E-03	*
AP	ONS-6	L15691-06	9/23/2009	Gross Beta	2.49E-02	2.10E-03	4.40E-03	*
AP	NBF	L15691-07	9/23/2009	Gross Beta	2.49E-02	2.10E-03	4.50E-03	*
AP	SBN	L15691-08	9/23/2009	Gross Beta	2.57E-02	2.10E-03	4.30E-03	*
AP	DOW	L15691-09	9/23/2009	Gross Beta	2.63E-02	2.10E-03	4.30E-03	*
AP	COL	L15691-10	9/23/2009	Gross Beta	2.27E-02	2.00E-03	4.30E-03	*
AP	ONS-1	L15726-01	9/30/2009	Gross Beta	2.74E-02	2.10E-03	4.20E-03	*
AP	ONS-2	L15726-02	9/30/2009	Gross Beta	2.81E-02	2.10E-03	4.10E-03	*
AP	ONS-3	L15726-03	9/30/2009	Gross Beta	2.67E-02	2.10E-03	4.00E-03	*
AP	ONS-4	L15726-04	9/30/2009	Gross Beta	2.59E-02	2.00E-03	4.10E-03	*
AP	ONS-5	L15726-05	9/30/2009	Gross Beta	2.50E-02	2.10E-03	4.20E-03	*
AP	ONS-6	L15726-06	9/30/2009	Gross Beta	2.69E-02	2.10E-03	4.20E-03	*
AP	NBF	L15726-07	9/30/2009	Gross Beta	2.73E-02	2.10E-03	4.00E-03	*
AP	SBN	L15726-08	9/30/2009	Gross Beta	2.74E-02	2.10E-03	4.00E-03	*
AP	DOW	L15726-09	9/30/2009	Gross Beta	2.38E-02	2.00E-03	4.20E-03	*
AP	COL	L15726-10	9/30/2009	Gross Beta	2.45E-02	2.00E-03	4.10E-03	*
AP	ONS-1	L15747-01	10/7/2009	Gross Beta	1.33E-02	1.80E-03	4.40E-03	*
AP	ONS-2	L15747-02	10/7/2009	Gross Beta	1.61E-02	1.80E-03	4.10E-03	*
AP	ONS-3	L15747-03	10/7/2009	Gross Beta	1.74E-02	1.90E-03	4.30E-03	*
AP	ONS-4	L15747-04	10/7/2009	Gross Beta	1.55E-02	1.80E-03	4.30E-03	*
AP	ONS-5	L15747-05	10/7/2009	Gross Beta	1.27E-02	1.70E-03	4.20E-03	*
AP	ONS-6	L15747-06	10/7/2009	Gross Beta	1.40E-02	1.70E-03	3.90E-03	*
AP	NBF	L15747-07	10/7/2009	Gross Beta	1.59E-02	1.80E-03	4.00E-03	*
AP	SBN	L15747-08	10/7/2009	Gross Beta	1.46E-02	1.80E-03	4.10E-03	*
AP	DOW	L15747-09	10/7/2009	Gross Beta	1.44E-02	1.80E-03	4.20E-03	*
AP	COL	L15747-10	10/7/2009	Gross Beta	1.47E-02	1.70E-03	4.10E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )	
AP	ONS-1	L15773-01	10/14/2009	Gross Beta	2.14E-02	2.00E-03	4.20E-03	*
AP	ONS-2	L15773-02	10/14/2009	Gross Beta	2.01E-02	1.90E-03	4.00E-03	*
AP	ONS-3	L15773-03	10/14/2009	Gross Beta	1.93E-02	1.90E-03	4.10E-03	*
AP	ONS-4	L15773-04	10/14/2009	Gross Beta	1.87E-02	1.90E-03	4.20E-03	*
AP	ONS-5	L15773-05	10/14/2009	Gross Beta	1.85E-02	1.80E-03	4.00E-03	*
AP	ONS-6	L15773-06	10/14/2009	Gross Beta	1.59E-02	1.80E-03	4.20E-03	*
AP	NBF	L15773-07	10/14/2009	Gross Beta	2.07E-02	1.90E-03	4.00E-03	*
AP	SBN	L15773-08	10/14/2009	Gross Beta	1.92E-02	1.80E-03	4.00E-03	*
AP	DOW	L15773-09	10/14/2009	Gross Beta	1.85E-02	1.90E-03	4.20E-03	*
AP	COL	L15773-10	10/14/2009	Gross Beta	1.87E-02	1.80E-03	4.00E-03	*
AP	ONS-1	L15793-01	10/21/2009	Gross Beta	2.85E-02	2.20E-03	4.20E-03	*
AP	ONS-2	L15793-02	10/21/2009	Gross Beta	2.86E-02	2.20E-03	4.20E-03	*
AP	ONS-3	L15793-03	10/21/2009	Gross Beta	3.11E-02	2.30E-03	4.40E-03	*
AP	ONS-4	L15793-04	10/21/2009	Gross Beta	2.63E-02	2.20E-03	4.40E-03	*
AP	ONS-5	L15793-05	10/21/2009	Gross Beta	2.38E-02	2.00E-03	4.30E-03	*
AP	ONS-6	L15793-06	10/21/2009	Gross Beta	2.29E-02	2.10E-03	4.40E-03	*
AP	NBF	L15793-07	10/21/2009	Gross Beta	2.37E-02	2.00E-03	4.10E-03	*
AP	SBN	L15793-08	10/21/2009	Gross Beta	2.89E-02	2.20E-03	4.20E-03	*
AP	DOW	L15793-09	10/21/2009	Gross Beta	2.69E-02	2.20E-03	4.40E-03	*
AP	COL	L15793-10	10/21/2009	Gross Beta	2.30E-02	2.00E-03	4.10E-03	*
AP	ONS-1	L15839-01	10/28/2009	Gross Beta	1.68E-02	1.90E-03	4.40E-03	*
AP	ONS-2	L15839-02	10/28/2009	Gross Beta	2.07E-02	2.00E-03	4.50E-03	*
AP	ONS-3	L15839-03	10/28/2009	Gross Beta	2.58E-02	2.20E-03	4.60E-03	*
AP	ONS-4	L15839-04	10/28/2009	Gross Beta	1.96E-02	1.90E-03	4.40E-03	*
AP	ONS-5	L15839-05	10/28/2009	Gross Beta	2.05E-02	2.00E-03	4.50E-03	*
AP	ONS-6	L15839-06	10/28/2009	Gross Beta	1.76E-02	1.90E-03	4.60E-03	*
AP	NBF	L15839-07	10/28/2009	Gross Beta	1.91E-02	1.90E-03	4.30E-03	*
AP	SBN	L15839-08	10/28/2009	Gross Beta	2.48E-02	2.10E-03	4.50E-03	*
AP	DOW	L15839-09	10/28/2009	Gross Beta	2.27E-02	2.10E-03	4.50E-03	*
AP	COL	L15839-10	10/28/2009	Gross Beta	1.81E-02	1.90E-03	4.30E-03	*
AP	ONS-1	L15873-01	11/4/2009	Gross Beta	2.40E-02	2.00E-03	4.40E-03	*
AP	ONS-2	L15873-02	11/4/2009	Gross Beta	2.56E-02	2.10E-03	4.40E-03	*
AP	ONS-3	L15873-03	11/4/2009	Gross Beta	2.51E-02	2.10E-03	4.40E-03	*
AP	ONS-4	L15873-04	11/4/2009	Gross Beta	2.75E-02	2.20E-03	4.60E-03	*
AP	ONS-5	L15873-05	11/4/2009	Gross Beta	2.55E-02	2.10E-03	4.30E-03	*
AP	ONS-6	L15873-06	11/4/2009	Gross Beta	2.55E-02	2.20E-03	4.60E-03	*
AP	NBF	L15873-07	11/4/2009	Gross Beta	2.28E-02	2.00E-03	4.30E-03	*
AP	SBN	L15873-08	11/4/2009	Gross Beta	2.87E-02	2.30E-03	4.60E-03	*
AP	DOW	L15873-09	11/4/2009	Gross Beta	2.56E-02	2.10E-03	4.40E-03	*
AP	COL	L15873-10	11/4/2009	Gross Beta	2.09E-02	2.00E-03	4.50E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )	
AP	ONS-1	L15893-01	11/11/2009	Gross Beta	3.15E-02	2.30E-03	4.50E-03	*
AP	ONS-2	L15893-02	11/11/2009	Gross Beta	3.48E-02	2.30E-03	4.50E-03	*
AP	ONS-3	L15893-03	11/11/2009	Gross Beta	3.30E-02	2.30E-03	4.60E-03	*
AP	ONS-4	L15893-04	11/11/2009	Gross Beta	3.41E-02	2.40E-03	4.60E-03	*
AP	ONS-5	L15893-05	11/11/2009	Gross Beta	3.50E-02	2.40E-03	4.50E-03	*
AP	ONS-6	L15893-06	11/11/2009	Gross Beta	2.96E-02	2.30E-03	4.80E-03	*
AP	NBF	L15893-07	11/11/2009	Gross Beta	3.08E-02	2.20E-03	4.50E-03	*
AP	SBN	L15893-08	11/11/2009	Gross Beta	3.44E-02	2.40E-03	4.70E-03	*
AP	DOW	L15893-09	11/11/2009	Gross Beta	3.66E-02	2.40E-03	4.50E-03	*
AP	COL	L15893-10	11/11/2009	Gross Beta	2.86E-02	2.20E-03	4.50E-03	*
AP	ONS-1	L15915-01	11/18/2009	Gross Beta	2.54E-02	2.10E-03	4.60E-03	*
AP	ONS-2	L15915-02	11/18/2009	Gross Beta	2.84E-02	2.20E-03	4.50E-03	*
AP	ONS-3	L15915-03	11/18/2009	Gross Beta	2.56E-02	2.30E-03	5.00E-03	*
AP	ONS-4	L15915-04	11/18/2009	Gross Beta	2.83E-02	2.30E-03	4.70E-03	*
AP	ONS-5	L15915-05	11/18/2009	Gross Beta	2.76E-02	2.20E-03	4.60E-03	*
AP	ONS-6	L15915-06	11/18/2009	Gross Beta	2.56E-02	2.20E-03	4.70E-03	*
AP	NBF	L15915-07	11/18/2009	Gross Beta	2.63E-02	2.20E-03	4.60E-03	*
AP	SBN	L15915-08	11/18/2009	Gross Beta	3.21E-02	2.30E-03	4.70E-03	*
AP	DOW	L15915-09	11/18/2009	Gross Beta	3.00E-02	2.40E-03	4.90E-03	*
AP	COL	L15915-10	11/18/2009	Gross Beta	2.71E-02	2.20E-03	4.60E-03	*
AP	ONS-1	L15935-01	11/25/2009	Gross Beta	2.78E-02	2.20E-03	4.30E-03	*
AP	ONS-2	L15935-02	11/25/2009	Gross Beta	3.21E-02	2.30E-03	4.30E-03	*
AP	ONS-3	L15935-03	11/25/2009	Gross Beta	3.07E-02	2.20E-03	4.20E-03	*
AP	ONS-4	L15935-04	11/25/2009	Gross Beta	3.34E-02	2.30E-03	4.30E-03	*
AP	ONS-5	L15935-05	11/25/2009	Gross Beta	3.49E-02	2.40E-03	4.40E-03	*
AP	ONS-6	L15935-06	11/25/2009	Gross Beta	3.15E-02	2.30E-03	4.40E-03	*
AP	NBF	L15935-07	11/25/2009	Gross Beta	3.04E-02	2.20E-03	4.10E-03	*
AP	SBN	L15935-08	11/25/2009	Gross Beta	3.26E-02	2.20E-03	4.10E-03	*
AP	DOW	L15935-09	11/25/2009	Gross Beta	3.78E-02	2.40E-03	4.30E-03	*
AP	COL	L15935-10	11/25/2009	Gross Beta	3.30E-02	2.30E-03	4.30E-03	*
AP	ONS-1	L15961-01	12/2/2009	Gross Beta	3.01E-02	2.20E-03	4.20E-03	*
AP	ONS-2	L15961-02	12/2/2009	Gross Beta	3.03E-02	2.20E-03	4.20E-03	*
AP	ONS-3	L15961-03	12/2/2009	Gross Beta	2.89E-02	2.10E-03	4.10E-03	*
AP	ONS-4	L15961-04	12/2/2009	Gross Beta	2.65E-02	2.10E-03	4.20E-03	*
AP	ONS-5	L15961-05	12/2/2009	Gross Beta	2.69E-02	2.20E-03	4.30E-03	*
AP	ONS-6	L15961-06	12/2/2009	Gross Beta	2.46E-02	2.10E-03	4.30E-03	*
AP	NBF	L15961-07	12/2/2009	Gross Beta	2.96E-02	2.20E-03	4.30E-03	*
AP	SBN	L15961-08	12/2/2009	Gross Beta	2.91E-02	2.20E-03	4.30E-03	*
AP	DOW	L15961-09	12/2/2009	Gross Beta	2.88E-02	2.20E-03	4.20E-03	*
AP	COL	L15961-10	12/2/2009	Gross Beta	2.47E-02	2.00E-03	4.20E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )	
AP	ONS-1	L15982-01	12/9/2009	Gross Beta	2.51E-02	2.10E-03	4.30E-03	*
AP	ONS-2	L15982-02	12/9/2009	Gross Beta	2.33E-02	2.00E-03	4.30E-03	*
AP	ONS-3	L15982-03	12/9/2009	Gross Beta	2.28E-02	2.00E-03	4.20E-03	*
AP	ONS-4	L15982-04	12/9/2009	Gross Beta	2.92E-02	2.20E-03	4.30E-03	*
AP	ONS-5	L15982-05	12/9/2009	Gross Beta	2.77E-02	2.20E-03	4.40E-03	*
AP	ONS-6	L15982-06	12/9/2009	Gross Beta	2.50E-02	2.10E-03	4.40E-03	*
AP	NBF	L15982-07	12/9/2009	Gross Beta	2.87E-02	2.20E-03	4.30E-03	*
AP	SBN	L15982-08	12/9/2009	Gross Beta	2.60E-02	2.10E-03	4.40E-03	*
AP	DOW	L15982-09	12/9/2009	Gross Beta	2.78E-02	2.10E-03	4.20E-03	*
AP	COL	L15982-10	12/9/2009	Gross Beta	2.81E-02	2.10E-03	4.20E-03	*
AP	ONS-1	L16001-01	12/16/2009	Gross Beta	3.36E-02	2.40E-03	4.60E-03	*
AP	ONS-2	L16001-02	12/16/2009	Gross Beta	3.85E-02	2.40E-03	4.30E-03	*
AP	ONS-3	L16001-03	12/16/2009	Gross Beta	3.74E-02	2.40E-03	4.30E-03	*
AP	ONS-4	L16001-04	12/16/2009	Gross Beta	3.52E-02	2.40E-03	4.40E-03	*
AP	ONS-5	L16001-05	12/16/2009	Gross Beta	3.88E-02	2.50E-03	4.60E-03	*
AP	ONS-6	L16001-06	12/16/2009	Gross Beta	3.66E-02	2.50E-03	4.60E-03	*
AP	NBF	L16001-07	12/16/2009	Gross Beta	3.75E-02	2.30E-03	4.20E-03	*
AP	SBN	L16001-08	12/16/2009	Gross Beta	3.61E-02	2.50E-03	4.70E-03	*
AP	DOW	L16001-09	12/16/2009	Gross Beta	3.90E-02	2.40E-03	4.30E-03	*
AP	COL	L16001-10	12/16/2009	Gross Beta	4.84E-02	4.40E-03	9.40E-03	*
AP	ONS-1	L16020-01	12/23/2009	Gross Beta	4.34E-02	2.70E-03	5.30E-03	*
AP	ONS-2	L16020-02	12/23/2009	Gross Beta	4.35E-02	2.70E-03	5.20E-03	*
AP	ONS-3	L16020-03	12/23/2009	Gross Beta	4.58E-02	3.00E-03	5.80E-03	*
AP	ONS-4	L16020-04	12/23/2009	Gross Beta	4.56E-02	2.80E-03	5.30E-03	*
AP	ONS-5	L16020-05	12/23/2009	Gross Beta	4.59E-02	2.80E-03	5.40E-03	*
AP	ONS-6	L16020-06	12/23/2009	Gross Beta	4.28E-02	2.70E-03	5.20E-03	*
AP	NBF	L16020-07	12/23/2009	Gross Beta	4.95E-02	2.90E-03	5.30E-03	*
AP	SBN	L16020-08	12/23/2009	Gross Beta	5.07E-02	2.90E-03	5.30E-03	*
AP	DOW	L16020-09	12/23/2009	Gross Beta	5.03E-02	2.90E-03	5.20E-03	*
AP	COL	L16020-10	12/23/2009	Gross Beta	4.22E-02	2.80E-03	5.70E-03	*
AP	ONS-1	L16041-01	12/30/2009	Gross Beta	3.27E-02	2.40E-03	4.50E-03	*
AP	ONS-2	L16041-02	12/30/2009	Gross Beta	3.14E-02	2.20E-03	4.30E-03	*
AP	ONS-3	L16041-03	12/30/2009	Gross Beta	3.36E-02	2.40E-03	4.50E-03	*
AP	ONS-4	L16041-04	12/30/2009	Gross Beta	2.67E-02	2.10E-03	4.20E-03	*
AP	ONS-5	L16041-05	12/30/2009	Gross Beta	3.39E-02	2.30E-03	4.40E-03	*
AP	ONS-6	L16041-06	12/30/2009	Gross Beta	2.99E-02	2.20E-03	4.20E-03	*
AP	NBF	L16041-07	12/30/2009	Gross Beta	3.36E-02	2.30E-03	4.50E-03	*
AP	SBN	L16041-08	12/30/2009	Gross Beta	3.23E-02	2.30E-03	4.50E-03	*
AP	DOW	L16041-09	12/30/2009	Gross Beta	3.99E-02	2.50E-03	4.50E-03	*
AP	COL	L16041-10	12/30/2009	Gross Beta	2.76E-02	2.10E-03	4.30E-03	*

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-1	L15162-01	4/1/2009	AcTh-228	2.00E-03	1.30E-03	3.70E-03
AP	ONS-1	L15162-01	4/1/2009	Ag-108m	-3.70E-04	2.30E-04	1.20E-03
AP	ONS-1	L15162-01	4/1/2009	Ag-110m	0.00E+00	4.20E-04	2.20E-03
AP	ONS-1	L15162-01	4/1/2009	Ba-140	-2.40E-02	1.70E-02	1.10E-01
AP	ONS-1	L15162-01	4/1/2009	Be-7	1.91E-01	2.30E-02	3.30E-02 *
AP	ONS-1	L15162-01	4/1/2009	Ce-141	8.00E-04	1.20E-03	4.50E-03
AP	ONS-1	L15162-01	4/1/2009	Ce-144	-8.00E-04	1.20E-03	5.10E-03
AP	ONS-1	L15162-01	4/1/2009	Co-57	0.00E+00	1.70E-04	6.80E-04
AP	ONS-1	L15162-01	4/1/2009	Co-58	1.30E-04	7.80E-04	3.40E-03
AP	ONS-1	L15162-01	4/1/2009	Co-60	8.00E-04	4.60E-04	7.20E-04
AP	ONS-1	L15162-01	4/1/2009	Cr-51	-2.40E-02	1.50E-02	6.90E-02
AP	ONS-1	L15162-01	4/1/2009	Cs-134	-1.30E-04	1.80E-04	1.00E-03
AP	ONS-1	L15162-01	4/1/2009	Cs-137	6.00E-04	3.00E-04	4.00E-04
AP	ONS-1	L15162-01	4/1/2009	Fe-59	0.00E+00	2.50E-03	1.20E-02
AP	ONS-1	L15162-01	4/1/2009	I-131	8.10E-02	5.90E-02	2.00E-01
AP	ONS-1	L15162-01	4/1/2009	K-40	7.50E-03	8.20E-03	3.00E-02
AP	ONS-1	L15162-01	4/1/2009	La-140	-2.40E-02	1.70E-02	1.10E-01
AP	ONS-1	L15162-01	4/1/2009	Mn-54	0.00E+00	0.00E+00	5.20E-04
AP	ONS-1	L15162-01	4/1/2009	Nb-95	6.60E-04	6.60E-04	1.80E-03
AP	ONS-1	L15162-01	4/1/2009	Ru-103	0.00E+00	8.20E-04	3.80E-03
AP	ONS-1	L15162-01	4/1/2009	Ru-106	9.00E-04	3.40E-03	1.40E-02
AP	ONS-1	L15162-01	4/1/2009	Sb-124	-1.70E-03	1.70E-03	1.20E-02
AP	ONS-1	L15162-01	4/1/2009	Sb-125	-1.18E-03	8.30E-04	4.10E-03
AP	ONS-1	L15162-01	4/1/2009	Se-75	7.00E-05	3.00E-04	1.30E-03
AP	ONS-1	L15162-01	4/1/2009	Zn-65	1.10E-03	1.10E-03	3.90E-03
AP	ONS-1	L15162-01	4/1/2009	Zr-95	2.00E-04	1.40E-03	6.20E-03
AP	ONS-2	L15162-02	4/1/2009	AcTh-228	7.00E-04	1.50E-03	6.10E-03
AP	ONS-2	L15162-02	4/1/2009	Ag-108m	-1.80E-04	2.20E-04	1.10E-03
AP	ONS-2	L15162-02	4/1/2009	Ag-110m	2.80E-04	7.50E-04	3.00E-03
AP	ONS-2	L15162-02	4/1/2009	Ba-140	1.20E-02	1.20E-02	3.10E-02
AP	ONS-2	L15162-02	4/1/2009	Be-7	1.31E-01	1.80E-02	2.10E-02 *
AP	ONS-2	L15162-02	4/1/2009	Ce-141	-2.00E-03	1.40E-03	6.10E-03
AP	ONS-2	L15162-02	4/1/2009	Ce-144	-1.70E-03	1.40E-03	6.00E-03
AP	ONS-2	L15162-02	4/1/2009	Co-57	-3.70E-04	1.80E-04	8.30E-04
AP	ONS-2	L15162-02	4/1/2009	Co-58	-5.70E-04	4.10E-04	2.80E-03
AP	ONS-2	L15162-02	4/1/2009	Co-60	-5.80E-04	4.10E-04	2.50E-03
AP	ONS-2	L15162-02	4/1/2009	Cr-51	-1.10E-02	1.70E-02	6.90E-02
AP	ONS-2	L15162-02	4/1/2009	Cs-134	1.30E-04	1.60E-04	5.00E-04
AP	ONS-2	L15162-02	4/1/2009	Cs-137	-2.00E-05	2.20E-04	1.10E-03
AP	ONS-2	L15162-02	4/1/2009	Fe-59	-1.20E-03	1.20E-03	8.80E-03
AP	ONS-2	L15162-02	4/1/2009	I-131	-3.20E-02	5.00E-02	2.20E-01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
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## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-2	L15162-02	4/1/2009	K-40	1.60E-03	5.00E-03	2.20E-02
AP	ONS-2	L15162-02	4/1/2009	La-140	1.20E-02	1.20E-02	3.10E-02
AP	ONS-2	L15162-02	4/1/2009	Mn-54	-4.60E-04	3.70E-04	2.10E-03
AP	ONS-2	L15162-02	4/1/2009	Nb-95	8.00E-05	8.40E-04	4.40E-03
AP	ONS-2	L15162-02	4/1/2009	Ru-103	4.00E-04	8.80E-04	3.70E-03
AP	ONS-2	L15162-02	4/1/2009	Ru-106	-2.00E-04	2.10E-03	1.10E-02
AP	ONS-2	L15162-02	4/1/2009	Sb-124	-1.60E-03	1.60E-03	1.20E-02
AP	ONS-2	L15162-02	4/1/2009	Sb-125	-2.80E-04	7.50E-04	3.40E-03
AP	ONS-2	L15162-02	4/1/2009	Se-75	-6.70E-04	4.40E-04	2.10E-03
AP	ONS-2	L15162-02	4/1/2009	Zn-65	5.20E-04	5.20E-04	1.40E-03
AP	ONS-2	L15162-02	4/1/2009	Zr-95	-4.00E-04	1.20E-03	5.90E-03
AP	ONS-3	L15162-03	4/1/2009	AcTh-228	2.30E-04	6.30E-04	3.40E-03
AP	ONS-3	L15162-03	4/1/2009	Ag-108m	-2.70E-04	2.70E-04	1.30E-03
AP	ONS-3	L15162-03	4/1/2009	Ag-110m	-2.90E-04	5.00E-04	2.70E-03
AP	ONS-3	L15162-03	4/1/2009	Ba-140	-1.30E-02	1.30E-02	9.20E-02
AP	ONS-3	L15162-03	4/1/2009	Be-7	1.33E-01	2.00E-02	4.00E-02 *
AP	ONS-3	L15162-03	4/1/2009	Ce-141	-1.00E-03	1.20E-03	5.10E-03
AP	ONS-3	L15162-03	4/1/2009	Ce-144	-7.00E-04	1.20E-03	5.20E-03
AP	ONS-3	L15162-03	4/1/2009	Co-57	1.40E-04	1.60E-04	5.90E-04
AP	ONS-3	L15162-03	4/1/2009	Co-58	0.00E+00	6.70E-04	3.10E-03
AP	ONS-3	L15162-03	4/1/2009	Co-60	0.00E+00	3.70E-04	2.00E-03
AP	ONS-3	L15162-03	4/1/2009	Cr-51	-4.00E-03	1.20E-02	5.30E-02
AP	ONS-3	L15162-03	4/1/2009	Cs-134	-1.00E-05	1.90E-04	1.30E-03
AP	ONS-3	L15162-03	4/1/2009	Cs-137	-5.00E-05	3.20E-04	1.50E-03
AP	ONS-3	L15162-03	4/1/2009	Fe-59	2.30E-03	2.60E-03	9.70E-03
AP	ONS-3	L15162-03	4/1/2009	I-131	-4.80E-02	5.80E-02	2.50E-01
AP	ONS-3	L15162-03	4/1/2009	K-40	4.80E-03	5.90E-03	2.30E-02
AP	ONS-3	L15162-03	4/1/2009	La-140	-1.30E-02	1.30E-02	9.20E-02
AP	ONS-3	L15162-03	4/1/2009	Mn-54	9.50E-04	4.30E-04	5.20E-04
AP	ONS-3	L15162-03	4/1/2009	Nb-95	2.00E-04	1.20E-03	5.60E-03
AP	ONS-3	L15162-03	4/1/2009	Ru-103	0.00E+00	8.10E-04	3.70E-03
AP	ONS-3	L15162-03	4/1/2009	Ru-106	-4.90E-03	2.80E-03	1.60E-02
AP	ONS-3	L15162-03	4/1/2009	Sb-124	5.00E-03	2.90E-03	4.50E-03
AP	ONS-3	L15162-03	4/1/2009	Sb-125	-8.60E-04	7.60E-04	3.80E-03
AP	ONS-3	L15162-03	4/1/2009	Se-75	-2.90E-04	5.00E-04	2.10E-03
AP	ONS-3	L15162-03	4/1/2009	Zn-65	-1.30E-03	1.20E-03	6.10E-03
AP	ONS-3	L15162-03	4/1/2009	Zr-95	8.00E-05	8.10E-04	4.20E-03
AP	ONS-4	L15162-04	4/1/2009	AcTh-228	-1.00E-03	1.60E-03	7.50E-03
AP	ONS-4	L15162-04	4/1/2009	Ag-108m	-9.00E-05	1.90E-04	9.30E-04
AP	ONS-4	L15162-04	4/1/2009	Ag-110m	2.80E-04	2.80E-04	7.60E-04
AP	ONS-4	L15162-04	4/1/2009	Ba-140	-2.50E-02	1.80E-02	1.10E-01

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## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-4	L15162-04	4/1/2009	Be-7	1.03E-01	1.70E-02	3.10E-02 *
AP	ONS-4	L15162-04	4/1/2009	Ce-141	1.00E-04	1.10E-03	4.40E-03
AP	ONS-4	L15162-04	4/1/2009	Ce-144	4.00E-04	1.10E-03	4.20E-03
AP	ONS-4	L15162-04	4/1/2009	Co-57	3.00E-05	1.50E-04	5.90E-04
AP	ONS-4	L15162-04	4/1/2009	Co-58	6.50E-04	6.50E-04	2.40E-03
AP	ONS-4	L15162-04	4/1/2009	Co-60	0.00E+00	0.00E+00	6.90E-04
AP	ONS-4	L15162-04	4/1/2009	Cr-51	-2.10E-02	1.10E-02	5.60E-02
AP	ONS-4	L15162-04	4/1/2009	Cs-134	8.00E-05	1.60E-04	5.00E-04
AP	ONS-4	L15162-04	4/1/2009	Cs-137	9.00E-05	3.40E-04	1.40E-03
AP	ONS-4	L15162-04	4/1/2009	Fe-59	1.00E-03	2.20E-03	9.30E-03
AP	ONS-4	L15162-04	4/1/2009	I-131	-1.50E-02	3.40E-02	1.70E-01
AP	ONS-4	L15162-04	4/1/2009	K-40	-5.60E-03	4.40E-03	2.60E-02
AP	ONS-4	L15162-04	4/1/2009	La-140	-2.50E-02	1.80E-02	1.10E-01
AP	ONS-4	L15162-04	4/1/2009	Mn-54	-5.50E-04	4.10E-04	2.20E-03
AP	ONS-4	L15162-04	4/1/2009	Nb-95	7.00E-04	1.00E-03	4.30E-03
AP	ONS-4	L15162-04	4/1/2009	Ru-103	1.20E-03	1.00E-03	3.60E-03
AP	ONS-4	L15162-04	4/1/2009	Ru-106	1.10E-03	2.50E-03	1.10E-02
AP	ONS-4	L15162-04	4/1/2009	Sb-124	3.20E-03	2.30E-03	4.30E-03
AP	ONS-4	L15162-04	4/1/2009	Sb-125	-8.30E-04	6.20E-04	3.30E-03
AP	ONS-4	L15162-04	4/1/2009	Se-75	4.40E-04	3.60E-04	1.20E-03
AP	ONS-4	L15162-04	4/1/2009	Zn-65	-5.80E-04	5.80E-04	4.00E-03
AP	ONS-4	L15162-04	4/1/2009	Zr-95	-3.00E-04	1.40E-03	6.50E-03
AP	ONS-5	L15162-05	4/1/2009	AcTh-228	-6.00E-04	1.40E-03	6.80E-03
AP	ONS-5	L15162-05	4/1/2009	Ag-108m	1.10E-04	1.10E-04	2.90E-04
AP	ONS-5	L15162-05	4/1/2009	Ag-110m	6.30E-04	4.40E-04	8.50E-04
AP	ONS-5	L15162-05	4/1/2009	Ba-140	1.10E-02	2.00E-02	8.40E-02
AP	ONS-5	L15162-05	4/1/2009	Be-7	1.90E-01	2.60E-02	4.60E-02 *
AP	ONS-5	L15162-05	4/1/2009	Ce-141	-1.00E-04	1.80E-03	7.10E-03
AP	ONS-5	L15162-05	4/1/2009	Ce-144	4.10E-03	1.90E-03	5.70E-03
AP	ONS-5	L15162-05	4/1/2009	Co-57	-2.00E-04	1.80E-04	8.40E-04
AP	ONS-5	L15162-05	4/1/2009	Co-58	-3.60E-04	6.30E-04	3.40E-03
AP	ONS-5	L15162-05	4/1/2009	Co-60	-2.70E-04	2.70E-04	2.00E-03
AP	ONS-5	L15162-05	4/1/2009	Cr-51	-3.30E-02	1.80E-02	8.50E-02
AP	ONS-5	L15162-05	4/1/2009	Cs-134	-1.00E-04	4.40E-04	5.70E-04
AP	ONS-5	L15162-05	4/1/2009	Cs-137	2.00E-05	2.20E-04	1.10E-03
AP	ONS-5	L15162-05	4/1/2009	Fe-59	1.10E-03	2.30E-03	1.00E-02
AP	ONS-5	L15162-05	4/1/2009	I-131	1.80E-02	5.40E-02	2.20E-01
AP	ONS-5	L15162-05	4/1/2009	K-40	6.90E-03	6.60E-03	2.40E-02
AP	ONS-5	L15162-05	4/1/2009	La-140	1.10E-02	2.00E-02	8.40E-02
AP	ONS-5	L15162-05	4/1/2009	Mn-54	-4.10E-04	2.90E-04	1.90E-03
AP	ONS-5	L15162-05	4/1/2009	Nb-95	-1.00E-03	1.20E-03	6.80E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-5	L15162-05	4/1/2009	Ru-103	-3.00E-04	1.40E-03	6.10E-03
AP	ONS-5	L15162-05	4/1/2009	Ru-106	6.30E-03	3.20E-03	4.30E-03
AP	ONS-5	L15162-05	4/1/2009	Sb-124	1.60E-03	1.60E-03	4.40E-03
AP	ONS-5	L15162-05	4/1/2009	Sb-125	-3.40E-04	9.10E-04	4.10E-03
AP	ONS-5	L15162-05	4/1/2009	Se-75	1.50E-04	7.20E-04	2.80E-03
AP	ONS-5	L15162-05	4/1/2009	Zn-65	-7.00E-04	1.00E-03	5.50E-03
AP	ONS-5	L15162-05	4/1/2009	Zr-95	-2.00E-03	1.50E-03	8.00E-03
AP	ONS-6	L15162-06	4/1/2009	AcTh-228	7.00E-04	1.80E-03	7.30E-03
AP	ONS-6	L15162-06	4/1/2009	Ag-108m	4.70E-04	3.10E-04	1.00E-03
AP	ONS-6	L15162-06	4/1/2009	Ag-110m	-6.00E-04	6.00E-04	3.20E-03
AP	ONS-6	L15162-06	4/1/2009	Ba-140	-1.20E-02	2.10E-02	1.10E-01
AP	ONS-6	L15162-06	4/1/2009	Be-7	1.64E-01	2.00E-02	6.60E-03 *
AP	ONS-6	L15162-06	4/1/2009	Ce-141	-1.10E-03	1.40E-03	5.80E-03
AP	ONS-6	L15162-06	4/1/2009	Ce-144	3.00E-04	1.50E-03	5.60E-03
AP	ONS-6	L15162-06	4/1/2009	Co-57	-1.00E-04	1.90E-04	7.60E-04
AP	ONS-6	L15162-06	4/1/2009	Co-58	-8.60E-04	7.00E-04	3.80E-03
AP	ONS-6	L15162-06	4/1/2009	Co-60	5.40E-04	3.80E-04	7.30E-04
AP	ONS-6	L15162-06	4/1/2009	Cr-51	-1.20E-02	1.50E-02	6.40E-02
AP	ONS-6	L15162-06	4/1/2009	Cs-134	-1.70E-04	2.50E-04	1.50E-03
AP	ONS-6	L15162-06	4/1/2009	Cs-137	3.00E-04	2.10E-04	4.10E-04
AP	ONS-6	L15162-06	4/1/2009	Fe-59	0.00E+00	1.80E-03	9.30E-03
AP	ONS-6	L15162-06	4/1/2009	I-131	-5.00E-02	5.00E-02	2.30E-01
AP	ONS-6	L15162-06	4/1/2009	K-40	6.80E-03	5.40E-03	1.80E-02
AP	ONS-6	L15162-06	4/1/2009	La-140	-1.20E-02	2.10E-02	1.10E-01
AP	ONS-6	L15162-06	4/1/2009	Mn-54	6.10E-04	4.30E-04	1.40E-03
AP	ONS-6	L15162-06	4/1/2009	Nb-95	8.00E-04	1.10E-03	4.60E-03
AP	ONS-6	L15162-06	4/1/2009	Ru-103	4.20E-04	9.30E-04	3.90E-03
AP	ONS-6	L15162-06	4/1/2009	Ru-106	5.80E-03	2.90E-03	3.90E-03
AP	ONS-6	L15162-06	4/1/2009	Sb-124	1.70E-03	1.70E-03	4.60E-03
AP	ONS-6	L15162-06	4/1/2009	Sb-125	3.00E-04	7.90E-04	3.20E-03
AP	ONS-6	L15162-06	4/1/2009	Se-75	1.80E-04	5.00E-04	1.90E-03
AP	ONS-6	L15162-06	4/1/2009	Zn-65	-1.63E-03	9.40E-04	5.90E-03
AP	ONS-6	L15162-06	4/1/2009	Zr-95	-1.64E-03	9.50E-04	6.30E-03
AP	NBF	L15162-07	4/1/2009	AcTh-228	-1.00E-03	1.40E-03	7.00E-03
AP	NBF	L15162-07	4/1/2009	Ag-108m	-9.00E-05	2.00E-04	9.70E-04
AP	NBF	L15162-07	4/1/2009	Ag-110m	2.90E-04	5.00E-04	2.10E-03
AP	NBF	L15162-07	4/1/2009	Ba-140	1.20E-02	1.20E-02	3.30E-02
AP	NBF	L15162-07	4/1/2009	Be-7	1.40E-01	2.00E-02	3.20E-02 *
AP	NBF	L15162-07	4/1/2009	Ce-141	-5.00E-04	1.10E-03	4.50E-03
AP	NBF	L15162-07	4/1/2009	Ce-144	4.00E-04	1.10E-03	4.30E-03
AP	NBF	L15162-07	4/1/2009	Co-57	-1.10E-04	1.20E-04	5.60E-04

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	NBF	L15162-07	4/1/2009	Co-58	-6.70E-04	4.70E-04	3.10E-03
AP	NBF	L15162-07	4/1/2009	Co-60	-2.60E-04	4.60E-04	2.50E-03
AP	NBF	L15162-07	4/1/2009	Cr-51	1.30E-02	1.20E-02	4.30E-02
AP	NBF	L15162-07	4/1/2009	Cs-134	1.00E-05	2.80E-04	1.30E-03
AP	NBF	L15162-07	4/1/2009	Cs-137	1.20E-04	2.70E-04	1.20E-03
AP	NBF	L15162-07	4/1/2009	Fe-59	-2.00E-04	1.90E-03	9.70E-03
AP	NBF	L15162-07	4/1/2009	I-131	3.30E-02	4.60E-02	1.80E-01
AP	NBF	L15162-07	4/1/2009	K-40	4.80E-03	4.60E-03	1.70E-02
AP	NBF	L15162-07	4/1/2009	La-140	1.20E-02	1.20E-02	3.30E-02
AP	NBF	L15162-07	4/1/2009	Mn-54	-3.80E-04	3.80E-04	2.00E-03
AP	NBF	L15162-07	4/1/2009	Nb-95	2.00E-04	1.20E-03	5.70E-03
AP	NBF	L15162-07	4/1/2009	Ru-103	4.00E-04	1.10E-03	4.30E-03
AP	NBF	L15162-07	4/1/2009	Ru-106	2.30E-03	3.60E-03	1.40E-02
AP	NBF	L15162-07	4/1/2009	Sb-124	-3.80E-03	3.60E-03	1.90E-02
AP	NBF	L15162-07	4/1/2009	Sb-125	-8.60E-04	8.60E-04	4.00E-03
AP	NBF	L15162-07	4/1/2009	Se-75	-2.00E-05	3.60E-04	1.50E-03
AP	NBF	L15162-07	4/1/2009	Zn-65	-6.00E-04	6.00E-04	4.10E-03
AP	NBF	L15162-07	4/1/2009	Zr-95	-4.60E-04	9.70E-04	5.30E-03
AP	SBN	L15162-08	4/1/2009	AcTh-228	1.00E-04	1.10E-03	5.10E-03
AP	SBN	L15162-08	4/1/2009	Ag-108m	0.00E+00	2.80E-04	1.20E-03
AP	SBN	L15162-08	4/1/2009	Ag-110m	5.70E-04	4.10E-04	7.80E-04
AP	SBN	L15162-08	4/1/2009	Ba-140	3.60E-02	2.10E-02	3.20E-02
AP	SBN	L15162-08	4/1/2009	Be-7	1.68E-01	2.00E-02	2.10E-02 *
AP	SBN	L15162-08	4/1/2009	Ce-141	-1.34E-03	8.70E-04	4.40E-03
AP	SBN	L15162-08	4/1/2009	Ce-144	2.00E-04	1.30E-03	5.00E-03
AP	SBN	L15162-08	4/1/2009	Co-57	1.40E-04	1.60E-04	5.90E-04
AP	SBN	L15162-08	4/1/2009	Co-58	1.00E-03	5.70E-04	9.00E-04
AP	SBN	L15162-08	4/1/2009	Co-60	-3.00E-05	3.90E-04	2.00E-03
AP	SBN	L15162-08	4/1/2009	Cr-51	4.00E-03	1.30E-02	5.10E-02
AP	SBN	L15162-08	4/1/2009	Cs-134	-2.50E-04	4.50E-04	5.10E-04
AP	SBN	L15162-08	4/1/2009	Cs-137	0.00E+00	0.00E+00	3.90E-04
AP	SBN	L15162-08	4/1/2009	Fe-59	0.00E+00	0.00E+00	3.30E-03
AP	SBN	L15162-08	4/1/2009	I-131	-6.50E-02	4.00E-02	2.10E-01
AP	SBN	L15162-08	4/1/2009	K-40	3.90E-03	4.50E-03	1.70E-02
AP	SBN	L15162-08	4/1/2009	La-140	3.60E-02	2.10E-02	3.20E-02
AP	SBN	L15162-08	4/1/2009	Mn-54	2.30E-04	4.00E-04	1.60E-03
AP	SBN	L15162-08	4/1/2009	Nb-95	-1.00E-03	1.20E-03	6.50E-03
AP	SBN	L15162-08	4/1/2009	Ru-103	8.00E-04	8.00E-04	3.00E-03
AP	SBN	L15162-08	4/1/2009	Ru-106	-3.90E-03	4.30E-03	2.00E-02
AP	SBN	L15162-08	4/1/2009	Sb-124	1.60E-03	1.60E-03	4.40E-03
AP	SBN	L15162-08	4/1/2009	Sb-125	2.90E-04	8.60E-04	3.40E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	SBN	L15162-08	4/1/2009	Se-75	1.50E-04	4.50E-04	1.80E-03
AP	SBN	L15162-08	4/1/2009	Zn-65	-5.20E-04	5.20E-04	3.80E-03
AP	SBN	L15162-08	4/1/2009	Zr-95	-4.50E-04	9.60E-04	5.20E-03
AP	DOW	L15162-09	4/1/2009	AcTh-228	2.00E-03	1.20E-03	3.20E-03
AP	DOW	L15162-09	4/1/2009	Ag-108m	1.70E-04	2.40E-04	9.10E-04
AP	DOW	L15162-09	4/1/2009	Ag-110m	5.50E-04	3.90E-04	7.40E-04
AP	DOW	L15162-09	4/1/2009	Ba-140	-1.20E-02	1.20E-02	8.70E-02
AP	DOW	L15162-09	4/1/2009	Be-7	1.43E-01	1.90E-02	3.00E-02 *
AP	DOW	L15162-09	4/1/2009	Ce-141	-3.00E-04	1.20E-03	4.80E-03
AP	DOW	L15162-09	4/1/2009	Ce-144	-1.30E-03	1.10E-03	4.90E-03
AP	DOW	L15162-09	4/1/2009	Co-57	7.00E-05	1.20E-04	4.70E-04
AP	DOW	L15162-09	4/1/2009	Co-58	-6.30E-04	7.70E-04	3.80E-03
AP	DOW	L15162-09	4/1/2009	Co-60	-5.00E-04	5.00E-04	2.70E-03
AP	DOW	L15162-09	4/1/2009	Cr-51	-5.00E-03	1.00E-02	4.70E-02
AP	DOW	L15162-09	4/1/2009	Cs-134	1.00E-04	2.00E-04	4.80E-04
AP	DOW	L15162-09	4/1/2009	Cs-137	-5.00E-05	3.00E-04	1.40E-03
AP	DOW	L15162-09	4/1/2009	Fe-59	1.00E-03	2.10E-03	9.10E-03
AP	DOW	L15162-09	4/1/2009	I-131	6.10E-02	4.30E-02	1.40E-01
AP	DOW	L15162-09	4/1/2009	K-40	2.00E-03	3.50E-03	1.60E-02
AP	DOW	L15162-09	4/1/2009	La-140	-1.20E-02	1.20E-02	8.70E-02
AP	DOW	L15162-09	4/1/2009	Mn-54	-1.80E-04	1.80E-04	1.30E-03
AP	DOW	L15162-09	4/1/2009	Nb-95	8.00E-05	8.10E-04	4.20E-03
AP	DOW	L15162-09	4/1/2009	Ru-103	-7.60E-04	5.40E-04	3.50E-03
AP	DOW	L15162-09	4/1/2009	Ru-106	-3.30E-03	2.90E-03	1.50E-02
AP	DOW	L15162-09	4/1/2009	Sb-124	-3.40E-03	2.40E-03	1.50E-02
AP	DOW	L15162-09	4/1/2009	Sb-125	1.08E-03	7.60E-04	2.50E-03
AP	DOW	L15162-09	4/1/2009	Se-75	-6.20E-04	4.50E-04	2.10E-03
AP	DOW	L15162-09	4/1/2009	Zn-65	1.00E-03	7.00E-04	1.30E-03
AP	DOW	L15162-09	4/1/2009	Zr-95	7.00E-04	1.20E-03	4.90E-03
AP	COL	L15162-10	4/1/2009	AcTh-228	1.30E-03	1.40E-03	5.00E-03
AP	COL	L15162-10	4/1/2009	Ag-108m	2.60E-04	2.30E-04	8.10E-04
AP	COL	L15162-10	4/1/2009	Ag-110m	0.00E+00	5.60E-04	2.60E-03
AP	COL	L15162-10	4/1/2009	Ba-140	1.20E-02	2.00E-02	8.50E-02
AP	COL	L15162-10	4/1/2009	Be-7	1.36E-01	2.00E-02	3.50E-02 *
AP	COL	L15162-10	4/1/2009	Ce-141	1.00E-04	1.30E-03	5.10E-03
AP	COL	L15162-10	4/1/2009	Ce-144	1.30E-03	1.20E-03	4.20E-03
AP	COL	L15162-10	4/1/2009	Co-57	8.00E-05	1.30E-04	4.90E-04
AP	COL	L15162-10	4/1/2009	Co-58	-2.80E-04	2.80E-04	2.20E-03
AP	COL	L15162-10	4/1/2009	Co-60	-3.00E-05	3.80E-04	2.00E-03
AP	COL	L15162-10	4/1/2009	Cr-51	-8.00E-03	1.50E-02	6.30E-02
AP	COL	L15162-10	4/1/2009	Cs-134	3.00E-05	1.30E-04	3.30E-04

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	COL	L15162-10	4/1/2009	Cs-137	2.90E-04	2.00E-04	3.90E-04
AP	COL	L15162-10	4/1/2009	Fe-59	-1.20E-03	1.20E-03	8.80E-03
AP	COL	L15162-10	4/1/2009	I-131	1.58E-01	5.90E-02	1.50E-01
AP	COL	L15162-10	4/1/2009	K-40	6.40E-03	5.10E-03	1.70E-02
AP	COL	L15162-10	4/1/2009	La-140	1.20E-02	2.00E-02	8.50E-02
AP	COL	L15162-10	4/1/2009	Mn-54	2.00E-05	2.40E-04	1.30E-03
AP	COL	L15162-10	4/1/2009	Nb-95	-9.00E-04	1.40E-03	7.00E-03
AP	COL	L15162-10	4/1/2009	Ru-103	-7.80E-04	7.80E-04	4.20E-03
AP	COL	L15162-10	4/1/2009	Ru-106	2.30E-03	3.50E-03	1.40E-02
AP	COL	L15162-10	4/1/2009	Sb-124	0.00E+00	0.00E+00	4.30E-03
AP	COL	L15162-10	4/1/2009	Sb-125	8.40E-04	6.30E-04	2.10E-03
AP	COL	L15162-10	4/1/2009	Se-75	-3.40E-04	4.00E-04	1.80E-03
AP	COL	L15162-10	4/1/2009	Zn-65	0.00E+00	1.00E-03	4.70E-03
AP	COL	L15162-10	4/1/2009	Zr-95	1.00E-04	1.10E-03	5.10E-03
AP	ONS-1	L15415-01	7/1/2009	AcTh-228	7.90E-04	7.50E-04	2.70E-03
AP	ONS-1	L15415-01	7/1/2009	Ag-108m	2.60E-04	1.60E-04	5.30E-04
AP	ONS-1	L15415-01	7/1/2009	Ag-110m	0.00E+00	3.40E-04	1.50E-03
AP	ONS-1	L15415-01	7/1/2009	Ba-140	-7.40E-03	6.90E-03	3.70E-02
AP	ONS-1	L15415-01	7/1/2009	Be-7	1.61E-01	1.30E-02	1.20E-02 *
AP	ONS-1	L15415-01	7/1/2009	Ce-141	1.01E-03	7.20E-04	2.40E-03
AP	ONS-1	L15415-01	7/1/2009	Ce-144	-8.40E-04	7.90E-04	3.30E-03
AP	ONS-1	L15415-01	7/1/2009	Co-57	9.00E-05	1.00E-04	3.70E-04
AP	ONS-1	L15415-01	7/1/2009	Co-58	2.90E-04	3.60E-04	1.40E-03
AP	ONS-1	L15415-01	7/1/2009	Co-60	1.30E-04	2.90E-04	1.20E-03
AP	ONS-1	L15415-01	7/1/2009	Cr-51	-1.90E-03	5.40E-03	2.20E-02
AP	ONS-1	L15415-01	7/1/2009	Cs-134	1.50E-04	1.40E-04	6.40E-04
AP	ONS-1	L15415-01	7/1/2009	Cs-137	-2.00E-05	1.60E-04	7.30E-04
AP	ONS-1	L15415-01	7/1/2009	Fe-59	-8.00E-04	1.40E-03	6.60E-03
AP	ONS-1	L15415-01	7/1/2009	I-131	-6.00E-03	1.10E-02	4.80E-02
AP	ONS-1	L15415-01	7/1/2009	K-40	3.70E-03	2.90E-03	9.80E-03
AP	ONS-1	L15415-01	7/1/2009	La-140	-7.40E-03	6.90E-03	3.70E-02
AP	ONS-1	L15415-01	7/1/2009	Mn-54	2.70E-04	2.70E-04	9.80E-04
AP	ONS-1	L15415-01	7/1/2009	Nb-95	1.12E-03	7.80E-04	2.60E-03
AP	ONS-1	L15415-01	7/1/2009	Ru-103	-8.10E-04	5.40E-04	2.60E-03
AP	ONS-1	L15415-01	7/1/2009	Ru-106	-1.20E-03	2.20E-03	9.60E-03
AP	ONS-1	L15415-01	7/1/2009	Sb-124	-1.00E-04	1.50E-03	7.00E-03
AP	ONS-1	L15415-01	7/1/2009	Sb-125	1.40E-04	4.60E-04	1.80E-03
AP	ONS-1	L15415-01	7/1/2009	Se-75	-1.90E-04	2.90E-04	1.20E-03
AP	ONS-1	L15415-01	7/1/2009	Zn-65	-3.50E-04	6.10E-04	2.90E-03
AP	ONS-1	L15415-01	7/1/2009	Zr-95	-5.90E-04	7.30E-04	3.40E-03
AP	ONS-2	L15415-02	7/1/2009	AcTh-228	-6.40E-04	8.10E-04	4.20E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-2	L15415-02	7/1/2009	Ag-108m	1.80E-04	1.90E-04	7.00E-04
AP	ONS-2	L15415-02	7/1/2009	Ag-110m	1.80E-04	3.10E-04	1.30E-03
AP	ONS-2	L15415-02	7/1/2009	Ba-140	-8.40E-03	5.90E-03	3.90E-02
AP	ONS-2	L15415-02	7/1/2009	Be-7	1.56E-01	1.60E-02	2.70E-02 *
AP	ONS-2	L15415-02	7/1/2009	Ce-141	7.00E-05	8.00E-04	3.00E-03
AP	ONS-2	L15415-02	7/1/2009	Ce-144	8.00E-04	1.00E-03	3.50E-03
AP	ONS-2	L15415-02	7/1/2009	Co-57	-1.20E-04	1.20E-04	5.00E-04
AP	ONS-2	L15415-02	7/1/2009	Co-58	9.70E-04	4.30E-04	5.20E-04
AP	ONS-2	L15415-02	7/1/2009	Co-60	-7.60E-04	3.80E-04	2.20E-03
AP	ONS-2	L15415-02	7/1/2009	Cr-51	1.15E-02	7.20E-03	2.30E-02
AP	ONS-2	L15415-02	7/1/2009	Cs-134	-8.00E-05	1.70E-04	1.10E-03
AP	ONS-2	L15415-02	7/1/2009	Cs-137	-5.00E-05	2.50E-04	1.10E-03
AP	ONS-2	L15415-02	7/1/2009	Fe-59	7.00E-04	1.50E-03	6.20E-03
AP	ONS-2	L15415-02	7/1/2009	I-131	8.00E-03	1.40E-02	5.20E-02
AP	ONS-2	L15415-02	7/1/2009	K-40	5.40E-03	3.80E-03	1.20E-02
AP	ONS-2	L15415-02	7/1/2009	La-140	-8.40E-03	5.90E-03	3.90E-02
AP	ONS-2	L15415-02	7/1/2009	Mn-54	3.20E-04	2.10E-04	5.60E-04
AP	ONS-2	L15415-02	7/1/2009	Nb-95	1.01E-03	5.80E-04	9.10E-04
AP	ONS-2	L15415-02	7/1/2009	Ru-103	-4.30E-04	7.40E-04	3.20E-03
AP	ONS-2	L15415-02	7/1/2009	Ru-106	5.10E-03	2.50E-03	7.00E-03
AP	ONS-2	L15415-02	7/1/2009	Sb-124	1.90E-03	2.30E-03	8.60E-03
AP	ONS-2	L15415-02	7/1/2009	Sb-125	0.00E+00	4.50E-04	2.00E-03
AP	ONS-2	L15415-02	7/1/2009	Se-75	-2.90E-04	3.40E-04	1.40E-03
AP	ONS-2	L15415-02	7/1/2009	Zn-65	1.32E-03	8.10E-04	2.40E-03
AP	ONS-2	L15415-02	7/1/2009	Zr-95	-2.20E-04	7.20E-04	3.50E-03
AP	ONS-3	L15415-03	7/1/2009	AcTh-228	-6.30E-04	7.70E-04	3.60E-03
AP	ONS-3	L15415-03	7/1/2009	Ag-108m	3.00E-04	1.50E-04	4.60E-04
AP	ONS-3	L15415-03	7/1/2009	Ag-110m	0.00E+00	3.00E-04	1.30E-03
AP	ONS-3	L15415-03	7/1/2009	Ba-140	5.20E-03	3.70E-03	7.10E-03
AP	ONS-3	L15415-03	7/1/2009	Be-7	1.39E-01	1.30E-02	2.00E-02 *
AP	ONS-3	L15415-03	7/1/2009	Ce-141	7.80E-04	9.00E-04	3.10E-03
AP	ONS-3	L15415-03	7/1/2009	Ce-144	1.10E-03	1.00E-03	3.50E-03
AP	ONS-3	L15415-03	7/1/2009	Co-57	-1.30E-04	1.10E-04	4.50E-04
AP	ONS-3	L15415-03	7/1/2009	Co-58	-2.60E-04	4.60E-04	2.00E-03
AP	ONS-3	L15415-03	7/1/2009	Co-60	2.20E-04	3.70E-04	1.40E-03
AP	ONS-3	L15415-03	7/1/2009	Cr-51	5.80E-03	7.40E-03	2.60E-02
AP	ONS-3	L15415-03	7/1/2009	Cs-134	-1.00E-04	1.90E-04	1.10E-03
AP	ONS-3	L15415-03	7/1/2009	Cs-137	-1.00E-05	2.20E-04	9.20E-04
AP	ONS-3	L15415-03	7/1/2009	Fe-59	1.30E-03	1.00E-03	3.40E-03
AP	ONS-3	L15415-03	7/1/2009	I-131	3.00E-03	1.10E-02	4.20E-02
AP	ONS-3	L15415-03	7/1/2009	K-40	4.80E-03	4.00E-03	1.40E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-3	L15415-03	7/1/2009	La-140	5.20E-03	3.70E-03	7.10E-03
AP	ONS-3	L15415-03	7/1/2009	Mn-54	-2.40E-04	2.70E-04	1.20E-03
AP	ONS-3	L15415-03	7/1/2009	Nb-95	-3.00E-04	6.10E-04	2.80E-03
AP	ONS-3	L15415-03	7/1/2009	Ru-103	8.70E-04	5.10E-04	1.60E-03
AP	ONS-3	L15415-03	7/1/2009	Ru-106	-1.30E-03	2.40E-03	1.00E-02
AP	ONS-3	L15415-03	7/1/2009	Sb-124	0.00E+00	8.20E-04	4.30E-03
AP	ONS-3	L15415-03	7/1/2009	Sb-125	4.10E-04	4.10E-04	1.50E-03
AP	ONS-3	L15415-03	7/1/2009	Se-75	-1.90E-04	3.00E-04	1.20E-03
AP	ONS-3	L15415-03	7/1/2009	Zn-65	-8.10E-04	7.00E-04	3.30E-03
AP	ONS-3	L15415-03	7/1/2009	Zr-95	2.40E-04	7.90E-04	3.10E-03
AP	ONS-4	L15415-04	7/1/2009	AcTh-228	7.70E-04	9.00E-04	3.40E-03
AP	ONS-4	L15415-04	7/1/2009	Ag-108m	2.30E-04	2.00E-04	6.90E-04
AP	ONS-4	L15415-04	7/1/2009	Ag-110m	0.00E+00	3.60E-04	1.70E-03
AP	ONS-4	L15415-04	7/1/2009	Ba-140	-4.00E-04	6.30E-03	3.30E-02
AP	ONS-4	L15415-04	7/1/2009	Be-7	1.47E-01	1.40E-02	1.50E-02 *
AP	ONS-4	L15415-04	7/1/2009	Ce-141	1.70E-04	6.90E-04	2.60E-03
AP	ONS-4	L15415-04	7/1/2009	Ce-144	1.00E-04	1.10E-03	4.20E-03
AP	ONS-4	L15415-04	7/1/2009	Co-57	-6.00E-05	1.10E-04	4.50E-04
AP	ONS-4	L15415-04	7/1/2009	Co-58	1.90E-04	4.30E-04	1.80E-03
AP	ONS-4	L15415-04	7/1/2009	Co-60	-1.70E-04	2.90E-04	1.60E-03
AP	ONS-4	L15415-04	7/1/2009	Cr-51	6.00E-04	6.70E-03	2.70E-02
AP	ONS-4	L15415-04	7/1/2009	Cs-134	2.00E-05	1.50E-04	8.40E-04
AP	ONS-4	L15415-04	7/1/2009	Cs-137	3.00E-05	3.10E-04	1.20E-03
AP	ONS-4	L15415-04	7/1/2009	Fe-59	1.80E-03	1.80E-03	6.60E-03
AP	ONS-4	L15415-04	7/1/2009	I-131	-1.60E-02	1.20E-02	5.90E-02
AP	ONS-4	L15415-04	7/1/2009	K-40	4.10E-03	4.80E-03	1.80E-02
AP	ONS-4	L15415-04	7/1/2009	La-140	-4.00E-04	6.30E-03	3.30E-02
AP	ONS-4	L15415-04	7/1/2009	Mn-54	1.20E-04	2.10E-04	8.80E-04
AP	ONS-4	L15415-04	7/1/2009	Nb-95	1.01E-03	5.80E-04	9.10E-04
AP	ONS-4	L15415-04	7/1/2009	Ru-103	0.00E+00	5.20E-04	2.30E-03
AP	ONS-4	L15415-04	7/1/2009	Ru-106	-3.50E-03	2.90E-03	1.40E-02
AP	ONS-4	L15415-04	7/1/2009	Sb-124	8.00E-04	1.70E-03	7.20E-03
AP	ONS-4	L15415-04	7/1/2009	Sb-125	-7.30E-04	4.50E-04	2.40E-03
AP	ONS-4	L15415-04	7/1/2009	Se-75	5.00E-05	3.20E-04	1.20E-03
AP	ONS-4	L15415-04	7/1/2009	Zn-65	3.30E-04	3.30E-04	8.90E-04
AP	ONS-4	L15415-04	7/1/2009	Zr-95	9.00E-04	1.00E-03	3.90E-03
AP	ONS-5	L15415-05	7/1/2009	AcTh-228	-1.50E-03	1.00E-03	5.50E-03
AP	ONS-5	L15415-05	7/1/2009	Ag-108m	1.90E-04	1.90E-04	6.70E-04
AP	ONS-5	L15415-05	7/1/2009	Ag-110m	0.00E+00	4.70E-04	2.10E-03
AP	ONS-5	L15415-05	7/1/2009	Ba-140	-4.40E-03	7.70E-03	4.10E-02
AP	ONS-5	L15415-05	7/1/2009	Be-7	1.47E-01	1.60E-02	2.60E-02 *

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-5	L15415-05	7/1/2009	Ce-141	3.00E-04	7.60E-04	2.90E-03
AP	ONS-5	L15415-05	7/1/2009	Ce-144	-6.50E-04	8.40E-04	3.60E-03
AP	ONS-5	L15415-05	7/1/2009	Co-57	-1.70E-04	1.10E-04	4.90E-04
AP	ONS-5	L15415-05	7/1/2009	Co-58	-4.90E-04	5.00E-04	2.50E-03
AP	ONS-5	L15415-05	7/1/2009	Co-60	3.30E-04	3.70E-04	1.40E-03
AP	ONS-5	L15415-05	7/1/2009	Cr-51	0.00E+00	9.50E-03	3.70E-02
AP	ONS-5	L15415-05	7/1/2009	Cs-134	-4.30E-04	2.00E-04	1.30E-03
AP	ONS-5	L15415-05	7/1/2009	Cs-137	1.70E-04	2.60E-04	1.00E-03
AP	ONS-5	L15415-05	7/1/2009	Fe-59	-7.00E-04	1.20E-03	6.60E-03
AP	ONS-5	L15415-05	7/1/2009	I-131	-8.00E-03	1.80E-02	7.40E-02
AP	ONS-5	L15415-05	7/1/2009	K-40	3.00E-04	2.60E-03	1.30E-02
AP	ONS-5	L15415-05	7/1/2009	La-140	-4.40E-03	7.70E-03	4.10E-02
AP	ONS-5	L15415-05	7/1/2009	Mn-54	-9.20E-04	3.10E-04	1.90E-03
AP	ONS-5	L15415-05	7/1/2009	Nb-95	4.00E-05	4.70E-04	2.50E-03
AP	ONS-5	L15415-05	7/1/2009	Ru-103	-2.30E-04	6.00E-04	2.70E-03
AP	ONS-5	L15415-05	7/1/2009	Ru-106	-2.30E-03	2.10E-03	1.10E-02
AP	ONS-5	L15415-05	7/1/2009	Sb-124	0.00E+00	0.00E+00	2.70E-03
AP	ONS-5	L15415-05	7/1/2009	Sb-125	2.00E-04	6.50E-04	2.60E-03
AP	ONS-5	L15415-05	7/1/2009	Se-75	6.80E-04	3.50E-04	1.10E-03
AP	ONS-5	L15415-05	7/1/2009	Zn-65	-3.50E-04	6.00E-04	3.20E-03
AP	ONS-5	L15415-05	7/1/2009	Zr-95	1.47E-03	7.40E-04	9.90E-04
AP	ONS-6	L15415-06	7/1/2009	AcTh-228	-1.00E-04	9.70E-04	4.00E-03
AP	ONS-6	L15415-06	7/1/2009	Ag-108m	2.60E-04	1.60E-04	5.30E-04
AP	ONS-6	L15415-06	7/1/2009	Ag-110m	-8.80E-04	4.20E-04	2.10E-03
AP	ONS-6	L15415-06	7/1/2009	Ba-140	1.63E-02	6.60E-03	7.30E-03
AP	ONS-6	L15415-06	7/1/2009	Bc-7	1.47E-01	1.30E-02	1.40E-02 *
AP	ONS-6	L15415-06	7/1/2009	Ce-141	-1.26E-03	8.70E-04	3.50E-03
AP	ONS-6	L15415-06	7/1/2009	Ce-144	-2.50E-03	1.20E-03	4.90E-03
AP	ONS-6	L15415-06	7/1/2009	Co-57	4.00E-05	1.20E-04	4.30E-04
AP	ONS-6	L15415-06	7/1/2009	Co-58	-1.40E-04	3.00E-04	1.50E-03
AP	ONS-6	L15415-06	7/1/2009	Co-60	2.20E-04	1.60E-04	3.00E-04
AP	ONS-6	L15415-06	7/1/2009	Cr-51	-3.00E-03	7.90E-03	3.10E-02
AP	ONS-6	L15415-06	7/1/2009	Cs-134	9.00E-05	1.90E-04	1.00E-03
AP	ONS-6	L15415-06	7/1/2009	Cs-137	9.00E-05	1.50E-04	5.90E-04
AP	ONS-6	L15415-06	7/1/2009	Fe-59	1.70E-03	1.10E-03	3.50E-03
AP	ONS-6	L15415-06	7/1/2009	I-131	6.00E-03	1.40E-02	5.40E-02
AP	ONS-6	L15415-06	7/1/2009	K-40	-6.00E-04	2.50E-03	1.20E-02
AP	ONS-6	L15415-06	7/1/2009	La-140	1.63E-02	6.60E-03	7.30E-03
AP	ONS-6	L15415-06	7/1/2009	Mn-54	2.50E-04	2.20E-04	7.70E-04
AP	ONS-6	L15415-06	7/1/2009	Nb-95	-7.00E-05	7.60E-04	3.20E-03
AP	ONS-6	L15415-06	7/1/2009	Ru-103	1.70E-03	6.30E-04	1.60E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-6	L15415-06	7/1/2009	Ru-106	1.20E-03	2.80E-03	1.10E-02
AP	ONS-6	L15415-06	7/1/2009	Sb-124	0.00E+00	1.50E-03	6.40E-03
AP	ONS-6	L15415-06	7/1/2009	Sb-125	-2.80E-04	5.20E-04	2.20E-03
AP	ONS-6	L15415-06	7/1/2009	Se-75	1.90E-04	4.10E-04	1.50E-03
AP	ONS-6	L15415-06	7/1/2009	Zn-65	-1.10E-04	6.70E-04	2.90E-03
AP	ONS-6	L15415-06	7/1/2009	Zr-95	-7.40E-04	8.80E-04	3.90E-03
AP	NBF	L15415-07	7/1/2009	AcTh-228	3.70E-04	9.90E-04	4.10E-03
AP	NBF	L15415-07	7/1/2009	Ag-108m	-1.20E-04	2.00E-04	8.70E-04
AP	NBF	L15415-07	7/1/2009	Ag-110m	0.00E+00	2.60E-04	1.30E-03
AP	NBF	L15415-07	7/1/2009	Ba-140	0.00E+00	0.00E+00	1.20E-02
AP	NBF	L15415-07	7/1/2009	Be-7	1.73E-01	1.70E-02	2.60E-02 *
AP	NBF	L15415-07	7/1/2009	Ce-141	3.50E-04	7.50E-04	2.80E-03
AP	NBF	L15415-07	7/1/2009	Ce-144	9.10E-04	8.60E-04	3.00E-03
AP	NBF	L15415-07	7/1/2009	Co-57	-2.00E-05	1.30E-04	5.00E-04
AP	NBF	L15415-07	7/1/2009	Co-58	-1.90E-04	4.30E-04	2.10E-03
AP	NBF	L15415-07	7/1/2009	Co-60	1.70E-04	1.70E-04	4.60E-04
AP	NBF	L15415-07	7/1/2009	Cr-51	-5.40E-03	5.30E-03	2.60E-02
AP	NBF	L15415-07	7/1/2009	Cs-134	1.90E-04	1.80E-04	3.30E-04
AP	NBF	L15415-07	7/1/2009	Cs-137	3.00E-05	3.10E-04	1.20E-03
AP	NBF	L15415-07	7/1/2009	Fe-59	-2.00E-04	1.40E-03	6.70E-03
AP	NBF	L15415-07	7/1/2009	I-131	4.00E-03	1.80E-02	6.70E-02
AP	NBF	L15415-07	7/1/2009	K-40	1.09E-02	5.40E-03	1.50E-02
AP	NBF	L15415-07	7/1/2009	La-140	0.00E+00	0.00E+00	1.20E-02
AP	NBF	L15415-07	7/1/2009	Mn-54	2.40E-04	2.90E-04	1.10E-03
AP	NBF	L15415-07	7/1/2009	Nb-95	-8.90E-04	5.10E-04	3.40E-03
AP	NBF	L15415-07	7/1/2009	Ru-103	-2.10E-04	5.70E-04	2.60E-03
AP	NBF	L15415-07	7/1/2009	Ru-106	-3.20E-03	2.20E-03	1.20E-02
AP	NBF	L15415-07	7/1/2009	Sb-124	-3.10E-03	1.80E-03	1.10E-02
AP	NBF	L15415-07	7/1/2009	Sb-125	0.00E+00	6.90E-04	2.80E-03
AP	NBF	L15415-07	7/1/2009	Se-75	5.00E-04	3.40E-04	1.10E-03
AP	NBF	L15415-07	7/1/2009	Zn-65	-1.12E-03	6.50E-04	3.80E-03
AP	NBF	L15415-07	7/1/2009	Zr-95	7.00E-04	4.90E-04	9.40E-04
AP	SBN	L15415-08	7/1/2009	AcTh-228	1.70E-04	8.30E-04	3.70E-03
AP	SBN	L15415-08	7/1/2009	Ag-108m	-3.00E-04	1.80E-04	9.00E-04
AP	SBN	L15415-08	7/1/2009	Ag-110m	3.70E-04	3.70E-04	1.40E-03
AP	SBN	L15415-08	7/1/2009	Ba-140	8.70E-03	6.10E-03	1.20E-02
AP	SBN	L15415-08	7/1/2009	Be-7	1.53E-01	1.60E-02	2.30E-02 *
AP	SBN	L15415-08	7/1/2009	Ce-141	-5.00E-04	9.70E-04	3.80E-03
AP	SBN	L15415-08	7/1/2009	Ce-144	2.60E-03	1.20E-03	3.70E-03
AP	SBN	L15415-08	7/1/2009	Co-57	8.00E-05	1.30E-04	4.60E-04
AP	SBN	L15415-08	7/1/2009	Co-58	6.20E-04	4.30E-04	1.40E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	SBN	L15415-08	7/1/2009	Co-60	3.40E-04	2.40E-04	4.60E-04
AP	SBN	L15415-08	7/1/2009	Cr-51	-5.90E-03	7.60E-03	3.30E-02
AP	SBN	L15415-08	7/1/2009	Cs-134	-5.00E-05	1.60E-04	8.60E-04
AP	SBN	L15415-08	7/1/2009	Cs-137	-1.60E-04	2.80E-04	1.30E-03
AP	SBN	L15415-08	7/1/2009	Fe-59	1.37E-03	9.70E-04	1.80E-03
AP	SBN	L15415-08	7/1/2009	I-131	1.20E-02	1.50E-02	5.50E-02
AP	SBN	L15415-08	7/1/2009	K-40	4.30E-03	5.30E-03	2.00E-02
AP	SBN	L15415-08	7/1/2009	La-140	8.70E-03	6.10E-03	1.20E-02
AP	SBN	L15415-08	7/1/2009	Mn-54	-2.00E-05	1.60E-04	9.00E-04
AP	SBN	L15415-08	7/1/2009	Nb-95	1.30E-04	7.90E-04	3.50E-03
AP	SBN	L15415-08	7/1/2009	Ru-103	8.80E-04	5.40E-04	1.60E-03
AP	SBN	L15415-08	7/1/2009	Ru-106	6.00E-04	2.20E-03	9.10E-03
AP	SBN	L15415-08	7/1/2009	Sb-124	-9.50E-04	9.50E-04	7.00E-03
AP	SBN	L15415-08	7/1/2009	Sb-125	-9.50E-04	6.30E-04	3.00E-03
AP	SBN	L15415-08	7/1/2009	Se-75	-3.70E-04	3.50E-04	1.50E-03
AP	SBN	L15415-08	7/1/2009	Zn-65	0.00E+00	9.50E-04	4.00E-03
AP	SBN	L15415-08	7/1/2009	Zr-95	7.60E-04	6.90E-04	2.50E-03
AP	DOW	L15415-09	7/1/2009	AcTh-228	-1.95E-03	8.90E-04	4.50E-03
AP	DOW	L15415-09	7/1/2009	Ag-108m	1.70E-04	1.70E-04	5.90E-04
AP	DOW	L15415-09	7/1/2009	Ag-110m	-3.60E-04	4.00E-04	1.80E-03
AP	DOW	L15415-09	7/1/2009	Ba-140	-7.80E-03	5.90E-03	3.10E-02
AP	DOW	L15415-09	7/1/2009	Be-7	1.54E-01	1.30E-02	1.70E-02 *
AP	DOW	L15415-09	7/1/2009	Ce-141	5.30E-04	8.90E-04	3.20E-03
AP	DOW	L15415-09	7/1/2009	Ce-144	-1.20E-04	9.50E-04	3.60E-03
AP	DOW	L15415-09	7/1/2009	Co-57	-1.70E-04	1.00E-04	4.50E-04
AP	DOW	L15415-09	7/1/2009	Co-58	3.90E-04	4.30E-04	1.60E-03
AP	DOW	L15415-09	7/1/2009	Co-60	1.10E-04	1.80E-04	7.80E-04
AP	DOW	L15415-09	7/1/2009	Cr-51	-2.90E-03	6.70E-03	2.70E-02
AP	DOW	L15415-09	7/1/2009	Cs-134	-1.10E-04	1.60E-04	9.70E-04
AP	DOW	L15415-09	7/1/2009	Cs-137	6.00E-05	2.30E-04	9.00E-04
AP	DOW	L15415-09	7/1/2009	Fe-59	2.00E-04	1.40E-03	5.60E-03
AP	DOW	L15415-09	7/1/2009	I-131	-1.50E-02	1.20E-02	5.40E-02
AP	DOW	L15415-09	7/1/2009	K-40	-1.60E-03	2.60E-03	1.20E-02
AP	DOW	L15415-09	7/1/2009	La-140	-7.80E-03	5.90E-03	3.10E-02
AP	DOW	L15415-09	7/1/2009	Mn-54	-4.80E-04	2.30E-04	1.20E-03
AP	DOW	L15415-09	7/1/2009	Nb-95	1.30E-03	8.60E-04	2.80E-03
AP	DOW	L15415-09	7/1/2009	Ru-103	3.10E-04	6.30E-04	2.40E-03
AP	DOW	L15415-09	7/1/2009	Ru-106	-2.30E-03	1.80E-03	8.80E-03
AP	DOW	L15415-09	7/1/2009	Sb-124	-5.70E-04	5.70E-04	4.20E-03
AP	DOW	L15415-09	7/1/2009	Sb-125	6.70E-04	4.80E-04	1.60E-03
AP	DOW	L15415-09	7/1/2009	Se-75	0.00E+00	3.30E-04	1.20E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	DOW	L15415-09	7/1/2009	Zn-65	-4.00E-04	8.20E-04	3.40E-03
AP	DOW	L15415-09	7/1/2009	Zr-95	0.00E+00	6.60E-04	2.80E-03
AP	COL	L15415-10	7/1/2009	AcTh-228	1.80E-04	9.00E-04	3.60E-03
AP	COL	L15415-10	7/1/2009	Ag-108m	0.00E+00	1.70E-04	6.80E-04
AP	COL	L15415-10	7/1/2009	Ag-110m	-4.90E-04	3.90E-04	1.80E-03
AP	COL	L15415-10	7/1/2009	Ba-140	-5.30E-03	3.80E-03	2.50E-02
AP	COL	L15415-10	7/1/2009	Be-7	1.78E-01	1.40E-02	1.60E-02 *
AP	COL	L15415-10	7/1/2009	Ce-141	1.20E-04	7.50E-04	2.80E-03
AP	COL	L15415-10	7/1/2009	Ce-144	6.00E-05	8.20E-04	3.10E-03
AP	COL	L15415-10	7/1/2009	Co-57	0.00E+00	1.30E-04	5.00E-04
AP	COL	L15415-10	7/1/2009	Co-58	-7.90E-04	5.30E-04	2.40E-03
AP	COL	L15415-10	7/1/2009	Co-60	-1.10E-04	2.90E-04	1.30E-03
AP	COL	L15415-10	7/1/2009	Cr-51	-1.31E-02	7.60E-03	3.30E-02
AP	COL	L15415-10	7/1/2009	Cs-134	-5.00E-05	1.50E-04	7.40E-04
AP	COL	L15415-10	7/1/2009	Cs-137	1.70E-04	2.00E-04	7.40E-04
AP	COL	L15415-10	7/1/2009	Fe-59	-1.10E-04	9.30E-04	4.30E-03
AP	COL	L15415-10	7/1/2009	I-131	-3.90E-02	1.50E-02	7.00E-02
AP	COL	L15415-10	7/1/2009	K-40	3.70E-03	3.20E-03	1.10E-02
AP	COL	L15415-10	7/1/2009	La-140	-5.30E-03	3.80E-03	2.50E-02
AP	COL	L15415-10	7/1/2009	Mn-54	3.20E-04	2.30E-04	7.50E-04
AP	COL	L15415-10	7/1/2009	Nb-95	-7.00E-05	8.00E-04	3.30E-03
AP	COL	L15415-10	7/1/2009	Ru-103	1.50E-04	6.20E-04	2.40E-03
AP	COL	L15415-10	7/1/2009	Ru-106	1.00E-04	2.20E-03	8.90E-03
AP	COL	L15415-10	7/1/2009	Sb-124	-6.00E-04	1.00E-03	5.40E-03
AP	COL	L15415-10	7/1/2009	Sb-125	-1.40E-04	5.90E-04	2.40E-03
AP	COL	L15415-10	7/1/2009	Se-75	6.00E-05	3.90E-04	1.40E-03
AP	COL	L15415-10	7/1/2009	Zn-65	3.50E-04	6.40E-04	2.50E-03
AP	COL	L15415-10	7/1/2009	Zr-95	2.40E-04	6.30E-04	2.60E-03
AP	ONS-1	L15797-01	9/30/2009	AcTh-228	1.80E-03	1.50E-03	5.00E-03
AP	ONS-1	L15797-01	9/30/2009	Ag-108m	-2.60E-04	2.30E-04	1.10E-03
AP	ONS-1	L15797-01	9/30/2009	Ag-110m	8.20E-04	4.70E-04	7.40E-04
AP	ONS-1	L15797-01	9/30/2009	Ba-140	0.00E+00	0.00E+00	1.90E-02
AP	ONS-1	L15797-01	9/30/2009	Be-7	1.09E-01	1.60E-02	2.80E-02 *
AP	ONS-1	L15797-01	9/30/2009	Ce-141	9.40E-04	9.80E-04	3.50E-03
AP	ONS-1	L15797-01	9/30/2009	Ce-144	-1.00E-04	1.20E-03	4.90E-03
AP	ONS-1	L15797-01	9/30/2009	Co-57	-5.00E-05	1.40E-04	5.80E-04
AP	ONS-1	L15797-01	9/30/2009	Co-58	7.00E-05	5.50E-04	2.60E-03
AP	ONS-1	L15797-01	9/30/2009	Co-60	2.20E-04	4.50E-04	2.00E-03
AP	ONS-1	L15797-01	9/30/2009	Cr-51	3.00E-03	1.10E-02	4.20E-02
AP	ONS-1	L15797-01	9/30/2009	Cs-134	-1.20E-04	1.50E-04	1.30E-03
AP	ONS-1	L15797-01	9/30/2009	Cs-137	-7.00E-05	3.80E-04	1.70E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD DEV (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-1	L15797-01	9/30/2009	Fe-59	2.10E-03	2.10E-03	7.60E-03
AP	ONS-1	L15797-01	9/30/2009	I-131	2.10E-02	1.90E-02	6.60E-02
AP	ONS-1	L15797-01	9/30/2009	K-40	-2.80E-03	4.80E-03	2.50E-02
AP	ONS-1	L15797-01	9/30/2009	La-140	0.00E+00	0.00E+00	1.90E-02
AP	ONS-1	L15797-01	9/30/2009	Mn-54	-2.70E-04	4.00E-04	2.00E-03
AP	ONS-1	L15797-01	9/30/2009	Nb-95	-3.00E-04	1.10E-03	5.20E-03
AP	ONS-1	L15797-01	9/30/2009	Ru-103	-3.30E-04	7.40E-04	3.60E-03
AP	ONS-1	L15797-01	9/30/2009	Ru-106	2.40E-03	2.80E-03	1.00E-02
AP	ONS-1	L15797-01	9/30/2009	Sb-124	-1.40E-03	1.40E-03	1.00E-02
AP	ONS-1	L15797-01	9/30/2009	Sb-125	8.30E-04	7.30E-04	2.60E-03
AP	ONS-1	L15797-01	9/30/2009	Se-75	-8.70E-04	3.80E-04	2.00E-03
AP	ONS-1	L15797-01	9/30/2009	Zn-65	-4.90E-04	4.90E-04	3.60E-03
AP	ONS-1	L15797-01	9/30/2009	Zr-95	-3.00E-04	1.30E-03	5.90E-03
AP	ONS-2	L15797-02	9/30/2009	AcTh-228	-8.50E-04	7.00E-04	4.10E-03
AP	ONS-2	L15797-02	9/30/2009	Ag-108m	6.00E-05	2.30E-04	9.00E-04
AP	ONS-2	L15797-02	9/30/2009	Ag-110m	1.80E-04	5.50E-04	2.20E-03
AP	ONS-2	L15797-02	9/30/2009	Ba-140	-4.40E-03	7.60E-03	4.10E-02
AP	ONS-2	L15797-02	9/30/2009	Be-7	1.34E-01	1.60E-02	2.70E-02 *
AP	ONS-2	L15797-02	9/30/2009	Ce-141	-7.00E-04	1.10E-03	4.50E-03
AP	ONS-2	L15797-02	9/30/2009	Ce-144	1.50E-03	1.40E-03	4.90E-03
AP	ONS-2	L15797-02	9/30/2009	Co-57	-1.00E-05	1.70E-04	6.50E-04
AP	ONS-2	L15797-02	9/30/2009	Co-58	4.00E-04	4.00E-04	1.50E-03
AP	ONS-2	L15797-02	9/30/2009	Co-60	-6.50E-04	3.20E-04	1.90E-03
AP	ONS-2	L15797-02	9/30/2009	Cr-51	-6.90E-03	6.90E-03	3.20E-02
AP	ONS-2	L15797-02	9/30/2009	Cs-134	-1.50E-04	2.30E-04	1.30E-03
AP	ONS-2	L15797-02	9/30/2009	Cs-137	4.00E-05	3.20E-04	1.30E-03
AP	ONS-2	L15797-02	9/30/2009	Fe-59	-1.70E-03	1.80E-03	8.70E-03
AP	ONS-2	L15797-02	9/30/2009	I-131	-3.20E-02	1.70E-02	8.50E-02
AP	ONS-2	L15797-02	9/30/2009	K-40	1.00E-03	4.20E-03	1.80E-02
AP	ONS-2	L15797-02	9/30/2009	La-140	-4.40E-03	7.60E-03	4.10E-02
AP	ONS-2	L15797-02	9/30/2009	Mn-54	-3.60E-04	2.70E-04	1.50E-03
AP	ONS-2	L15797-02	9/30/2009	Nb-95	0.00E+00	1.10E-03	4.50E-03
AP	ONS-2	L15797-02	9/30/2009	Ru-103	1.04E-03	9.10E-04	3.20E-03
AP	ONS-2	L15797-02	9/30/2009	Ru-106	-6.70E-03	3.00E-03	1.50E-02
AP	ONS-2	L15797-02	9/30/2009	Sb-124	9.00E-04	1.50E-03	6.50E-03
AP	ONS-2	L15797-02	9/30/2009	Sb-125	6.10E-04	8.40E-04	3.10E-03
AP	ONS-2	L15797-02	9/30/2009	Se-75	-3.80E-04	3.30E-04	1.50E-03
AP	ONS-2	L15797-02	9/30/2009	Zn-65	-1.50E-03	8.80E-04	4.60E-03
AP	ONS-2	L15797-02	9/30/2009	Zr-95	3.60E-04	9.60E-04	3.90E-03
AP	ONS-3	L15797-03	9/30/2009	AcTh-228	1.30E-03	1.30E-03	4.80E-03
AP	ONS-3	L15797-03	9/30/2009	Ag-108m	8.00E-05	1.50E-04	6.30E-04

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-3	L15797-03	9/30/2009	Ag-110m	5.30E-04	3.80E-04	7.20E-04
AP	ONS-3	L15797-03	9/30/2009	Ba-140	0.00E+00	0.00E+00	1.90E-02
AP	ONS-3	L15797-03	9/30/2009	Be-7	1.29E-01	1.80E-02	3.10E-02 *
AP	ONS-3	L15797-03	9/30/2009	Ce-141	4.00E-04	1.00E-03	3.90E-03
AP	ONS-3	L15797-03	9/30/2009	Ce-144	4.00E-04	1.10E-03	4.20E-03
AP	ONS-3	L15797-03	9/30/2009	Co-57	1.00E-05	1.30E-04	5.20E-04
AP	ONS-3	L15797-03	9/30/2009	Co-58	0.00E+00	0.00E+00	7.80E-04
AP	ONS-3	L15797-03	9/30/2009	Co-60	5.00E-04	5.00E-04	1.80E-03
AP	ONS-3	L15797-03	9/30/2009	Cr-51	1.90E-03	7.60E-03	3.20E-02
AP	ONS-3	L15797-03	9/30/2009	Cs-134	-2.70E-04	2.00E-04	1.20E-03
AP	ONS-3	L15797-03	9/30/2009	Cs-137	4.20E-04	2.40E-04	3.80E-04
AP	ONS-3	L15797-03	9/30/2009	Fe-59	1.00E-03	1.00E-03	2.70E-03
AP	ONS-3	L15797-03	9/30/2009	I-131	-2.80E-02	2.00E-02	9.80E-02
AP	ONS-3	L15797-03	9/30/2009	K-40	-4.00E-04	2.50E-03	1.60E-02
AP	ONS-3	L15797-03	9/30/2009	La-140	0.00E+00	0.00E+00	1.90E-02
AP	ONS-3	L15797-03	9/30/2009	Mn-54	0.00E+00	3.50E-04	1.60E-03
AP	ONS-3	L15797-03	9/30/2009	Nb-95	1.10E-03	1.00E-03	3.60E-03
AP	ONS-3	L15797-03	9/30/2009	Ru-103	9.70E-04	5.60E-04	8.80E-04
AP	ONS-3	L15797-03	9/30/2009	Ru-106	3.90E-03	2.20E-03	3.50E-03
AP	ONS-3	L15797-03	9/30/2009	Sb-124	1.40E-03	1.40E-03	3.80E-03
AP	ONS-3	L15797-03	9/30/2009	Sb-125	-5.40E-04	6.60E-04	3.20E-03
AP	ONS-3	L15797-03	9/30/2009	Se-75	5.50E-04	5.30E-04	1.80E-03
AP	ONS-3	L15797-03	9/30/2009	Zn-65	-6.00E-05	7.30E-04	3.80E-03
AP	ONS-3	L15797-03	9/30/2009	Zr-95	-3.00E-04	1.10E-03	5.20E-03
AP	ONS-4	L15797-04	9/30/2009	AcTh-228	1.30E-03	1.10E-03	3.60E-03
AP	ONS-4	L15797-04	9/30/2009	Ag-108m	-4.40E-04	2.00E-04	1.20E-03
AP	ONS-4	L15797-04	9/30/2009	Ag-110m	-8.30E-04	6.20E-04	3.30E-03
AP	ONS-4	L15797-04	9/30/2009	Ba-140	-7.10E-03	7.10E-03	5.20E-02
AP	ONS-4	L15797-04	9/30/2009	Be-7	1.23E-01	1.70E-02	2.80E-02 *
AP	ONS-4	L15797-04	9/30/2009	Ce-141	-2.20E-04	9.50E-04	3.90E-03
AP	ONS-4	L15797-04	9/30/2009	Ce-144	-1.30E-03	1.40E-03	5.90E-03
AP	ONS-4	L15797-04	9/30/2009	Co-57	1.10E-04	1.70E-04	6.10E-04
AP	ONS-4	L15797-04	9/30/2009	Co-58	-2.20E-04	4.80E-04	2.60E-03
AP	ONS-4	L15797-04	9/30/2009	Co-60	-3.00E-05	3.80E-04	2.00E-03
AP	ONS-4	L15797-04	9/30/2009	Cr-51	-9.00E-03	1.30E-02	5.50E-02
AP	ONS-4	L15797-04	9/30/2009	Cs-134	8.00E-05	1.60E-04	5.00E-04
AP	ONS-4	L15797-04	9/30/2009	Cs-137	2.40E-04	3.70E-04	1.50E-03
AP	ONS-4	L15797-04	9/30/2009	Fe-59	3.10E-03	1.80E-03	2.80E-03
AP	ONS-4	L15797-04	9/30/2009	I-131	1.40E-02	2.30E-02	8.70E-02
AP	ONS-4	L15797-04	9/30/2009	K-40	-2.60E-03	6.00E-03	2.80E-02
AP	ONS-4	L15797-04	9/30/2009	La-140	-7.10E-03	7.10E-03	5.20E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-4	L15797-04	9/30/2009	Mn-54	3.90E-04	3.50E-04	1.30E-03
AP	ONS-4	L15797-04	9/30/2009	Nb-95	2.00E-04	1.20E-03	5.30E-03
AP	ONS-4	L15797-04	9/30/2009	Ru-103	-3.00E-04	1.10E-03	4.80E-03
AP	ONS-4	L15797-04	9/30/2009	Ru-106	2.50E-03	2.80E-03	1.10E-02
AP	ONS-4	L15797-04	9/30/2009	Sb-124	0.00E+00	0.00E+00	3.90E-03
AP	ONS-4	L15797-04	9/30/2009	Sb-125	2.80E-04	8.40E-04	3.40E-03
AP	ONS-4	L15797-04	9/30/2009	Se-75	1.20E-04	3.90E-04	1.60E-03
AP	ONS-4	L15797-04	9/30/2009	Zn-65	0.00E+00	1.00E-03	4.70E-03
AP	ONS-4	L15797-04	9/30/2009	Zr-95	1.00E-04	1.00E-03	4.70E-03
AP	ONS-5	L15797-05	9/30/2009	AcTh-228	-4.50E-04	8.20E-04	4.10E-03
AP	ONS-5	L15797-05	9/30/2009	Ag-108m	-6.00E-05	2.50E-04	1.00E-03
AP	ONS-5	L15797-05	9/30/2009	Ag-110m	9.20E-04	4.90E-04	1.40E-03
AP	ONS-5	L15797-05	9/30/2009	Ba-140	-1.33E-02	7.70E-03	4.80E-02
AP	ONS-5	L15797-05	9/30/2009	Be-7	1.53E-01	1.60E-02	2.50E-02 *
AP	ONS-5	L15797-05	9/30/2009	Ce-141	-4.00E-04	1.10E-03	4.20E-03
AP	ONS-5	L15797-05	9/30/2009	Ce-144	2.00E-04	1.40E-03	5.20E-03
AP	ONS-5	L15797-05	9/30/2009	Co-57	3.00E-05	1.40E-04	5.40E-04
AP	ONS-5	L15797-05	9/30/2009	Co-58	-2.00E-04	4.50E-04	2.20E-03
AP	ONS-5	L15797-05	9/30/2009	Co-60	1.60E-04	1.60E-04	4.40E-04
AP	ONS-5	L15797-05	9/30/2009	Cr-51	-6.90E-03	7.60E-03	3.50E-02
AP	ONS-5	L15797-05	9/30/2009	Cs-134	6.00E-05	1.80E-04	9.20E-04
AP	ONS-5	L15797-05	9/30/2009	Cs-137	3.90E-04	2.70E-04	9.00E-04
AP	ONS-5	L15797-05	9/30/2009	Fe-59	-2.50E-03	2.00E-03	9.60E-03
AP	ONS-5	L15797-05	9/30/2009	I-131	-1.10E-02	2.00E-02	8.50E-02
AP	ONS-5	L15797-05	9/30/2009	K-40	7.50E-03	4.80E-03	1.50E-02
AP	ONS-5	L15797-05	9/30/2009	La-140	-1.33E-02	7.70E-03	4.80E-02
AP	ONS-5	L15797-05	9/30/2009	Mn-54	1.20E-04	2.70E-04	1.10E-03
AP	ONS-5	L15797-05	9/30/2009	Nb-95	4.00E-04	1.10E-03	4.50E-03
AP	ONS-5	L15797-05	9/30/2009	Ru-103	-6.80E-04	7.60E-04	3.50E-03
AP	ONS-5	L15797-05	9/30/2009	Ru-106	-8.00E-04	3.20E-03	1.30E-02
AP	ONS-5	L15797-05	9/30/2009	Sb-124	-8.90E-04	8.90E-04	6.60E-03
AP	ONS-5	L15797-05	9/30/2009	Sb-125	-4.10E-04	7.10E-04	3.10E-03
AP	ONS-5	L15797-05	9/30/2009	Se-75	-1.90E-04	4.50E-04	1.80E-03
AP	ONS-5	L15797-05	9/30/2009	Zn-65	-1.18E-03	9.40E-04	4.60E-03
AP	ONS-5	L15797-05	9/30/2009	Zr-95	-1.83E-03	8.20E-04	4.80E-03
AP	ONS-6	L15797-06	9/30/2009	AcTh-228	-1.04E-03	6.00E-04	4.90E-03
AP	ONS-6	L15797-06	9/30/2009	Ag-108m	4.30E-04	2.60E-04	8.00E-04
AP	ONS-6	L15797-06	9/30/2009	Ag-110m	8.10E-04	4.70E-04	7.30E-04
AP	ONS-6	L15797-06	9/30/2009	Ba-140	6.00E-03	1.30E-02	5.40E-02
AP	ONS-6	L15797-06	9/30/2009	Be-7	1.14E-01	1.60E-02	2.30E-02 *
AP	ONS-6	L15797-06	9/30/2009	Ce-141	4.00E-04	1.30E-03	4.70E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-6	L15797-06	9/30/2009	Ce-144	-8.00E-04	1.00E-03	4.50E-03
AP	ONS-6	L15797-06	9/30/2009	Co-57	-1.00E-05	1.40E-04	5.70E-04
AP	ONS-6	L15797-06	9/30/2009	Co-58	2.90E-04	6.60E-04	2.70E-03
AP	ONS-6	L15797-06	9/30/2009	Co-60	-2.50E-04	2.50E-04	1.90E-03
AP	ONS-6	L15797-06	9/30/2009	Cr-51	3.00E-03	9.40E-03	3.70E-02
AP	ONS-6	L15797-06	9/30/2009	Cs-134	-1.50E-04	1.40E-04	1.20E-03
AP	ONS-6	L15797-06	9/30/2009	Cs-137	1.20E-04	2.60E-04	1.10E-03
AP	ONS-6	L15797-06	9/30/2009	Fe-59	0.00E+00	0.00E+00	2.80E-03
AP	ONS-6	L15797-06	9/30/2009	I-131	-3.50E-02	2.30E-02	1.10E-01
AP	ONS-6	L15797-06	9/30/2009	K-40	9.70E-03	5.70E-03	1.60E-02
AP	ONS-6	L15797-06	9/30/2009	La-140	6.00E-03	1.30E-02	5.40E-02
AP	ONS-6	L15797-06	9/30/2009	Mn-54	5.30E-04	4.00E-04	1.30E-03
AP	ONS-6	L15797-06	9/30/2009	Nb-95	7.00E-05	6.90E-04	3.60E-03
AP	ONS-6	L15797-06	9/30/2009	Ru-103	0.00E+00	8.00E-04	3.50E-03
AP	ONS-6	L15797-06	9/30/2009	Ru-106	4.80E-03	3.90E-03	1.30E-02
AP	ONS-6	L15797-06	9/30/2009	Sb-124	0.00E+00	0.00E+00	3.90E-03
AP	ONS-6	L15797-06	9/30/2009	Sb-125	2.70E-04	4.70E-04	2.00E-03
AP	ONS-6	L15797-06	9/30/2009	Se-75	-2.40E-04	3.20E-04	1.50E-03
AP	ONS-6	L15797-06	9/30/2009	Zn-65	-5.60E-04	5.60E-04	3.80E-03
AP	ONS-6	L15797-06	9/30/2009	Zr-95	-3.90E-04	8.40E-04	4.60E-03
AP	NBF	L15797-07	9/30/2009	AcTh-228	1.80E-03	1.70E-03	6.10E-03
AP	NBF	L15797-07	9/30/2009	Ag-108m	0.00E+00	2.20E-04	9.50E-04
AP	NBF	L15797-07	9/30/2009	Ag-110m	0.00E+00	5.50E-04	2.50E-03
AP	NBF	L15797-07	9/30/2009	Ba-140	0.00E+00	0.00E+00	1.90E-02
AP	NBF	L15797-07	9/30/2009	Be-7	1.19E-01	1.80E-02	3.20E-02 *
AP	NBF	L15797-07	9/30/2009	Ce-141	8.00E-04	1.10E-03	4.00E-03
AP	NBF	L15797-07	9/30/2009	Ce-144	-1.80E-03	1.10E-03	5.20E-03
AP	NBF	L15797-07	9/30/2009	Co-57	-1.00E-05	1.50E-04	5.90E-04
AP	NBF	L15797-07	9/30/2009	Co-58	3.70E-04	6.40E-04	2.60E-03
AP	NBF	L15797-07	9/30/2009	Co-60	-5.70E-04	4.00E-04	2.50E-03
AP	NBF	L15797-07	9/30/2009	Cr-51	0.00E+00	1.10E-02	4.60E-02
AP	NBF	L15797-07	9/30/2009	Cs-134	-3.40E-04	2.30E-04	1.40E-03
AP	NBF	L15797-07	9/30/2009	Cs-137	2.60E-04	3.00E-04	1.10E-03
AP	NBF	L15797-07	9/30/2009	Fe-59	2.10E-03	1.50E-03	2.80E-03
AP	NBF	L15797-07	9/30/2009	I-131	-3.70E-02	1.90E-02	1.00E-01
AP	NBF	L15797-07	9/30/2009	K-40	6.80E-03	5.10E-03	1.70E-02
AP	NBF	L15797-07	9/30/2009	La-140	0.00E+00	0.00E+00	1.90E-02
AP	NBF	L15797-07	9/30/2009	Mn-54	2.00E-04	3.00E-04	1.20E-03
AP	NBF	L15797-07	9/30/2009	Nb-95	-3.00E-04	1.30E-03	5.90E-03
AP	NBF	L15797-07	9/30/2009	Ru-103	-1.01E-03	8.90E-04	4.40E-03
AP	NBF	L15797-07	9/30/2009	Ru-106	-3.30E-03	3.00E-03	1.60E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	NBF	L15797-07	9/30/2009	Sb-124	-1.40E-03	1.40E-03	1.10E-02
AP	NBF	L15797-07	9/30/2009	Sb-125	-2.80E-04	7.40E-04	3.40E-03
AP	NBF	L15797-07	9/30/2009	Se-75	-1.60E-04	4.60E-04	1.90E-03
AP	NBF	L15797-07	9/30/2009	Zn-65	1.00E-03	1.00E-03	3.70E-03
AP	NBF	L15797-07	9/30/2009	Zr-95	1.07E-03	7.60E-04	1.50E-03
AP	SBN	L15797-08	9/30/2009	AcTh-228	-4.40E-04	8.00E-04	4.10E-03
AP	SBN	L15797-08	9/30/2009	Ag-108m	3.20E-04	1.90E-04	5.90E-04
AP	SBN	L15797-08	9/30/2009	Ag-110m	0.00E+00	3.60E-04	1.70E-03
AP	SBN	L15797-08	9/30/2009	Ba-140	4.40E-03	7.60E-03	3.20E-02
AP	SBN	L15797-08	9/30/2009	Be-7	1.46E-01	1.60E-02	2.60E-02 *
AP	SBN	L15797-08	9/30/2009	Ce-141	1.50E-03	1.10E-03	3.50E-03
AP	SBN	L15797-08	9/30/2009	Ce-144	4.00E-04	1.00E-03	3.90E-03
AP	SBN	L15797-08	9/30/2009	Co-57	1.50E-04	1.40E-04	4.90E-04
AP	SBN	L15797-08	9/30/2009	Co-58	-6.00E-04	6.60E-04	3.00E-03
AP	SBN	L15797-08	9/30/2009	Co-60	-3.20E-04	3.20E-04	1.70E-03
AP	SBN	L15797-08	9/30/2009	Cr-51	4.50E-03	9.10E-03	3.40E-02
AP	SBN	L15797-08	9/30/2009	Cs-134	1.20E-04	1.90E-04	9.90E-04
AP	SBN	L15797-08	9/30/2009	Cs-137	-2.40E-04	3.00E-04	1.40E-03
AP	SBN	L15797-08	9/30/2009	Fe-59	5.00E-04	1.60E-03	6.60E-03
AP	SBN	L15797-08	9/30/2009	I-131	2.70E-02	1.80E-02	5.80E-02
AP	SBN	L15797-08	9/30/2009	K-40	-6.00E-04	3.90E-03	1.70E-02
AP	SBN	L15797-08	9/30/2009	La-140	4.40E-03	7.60E-03	3.20E-02
AP	SBN	L15797-08	9/30/2009	Mn-54	2.40E-04	2.90E-04	1.10E-03
AP	SBN	L15797-08	9/30/2009	Nb-95	-7.00E-04	1.10E-03	4.90E-03
AP	SBN	L15797-08	9/30/2009	Ru-103	1.11E-03	7.40E-04	2.40E-03
AP	SBN	L15797-08	9/30/2009	Ru-106	-4.40E-03	2.60E-03	1.30E-02
AP	SBN	L15797-08	9/30/2009	Sb-124	-1.80E-03	1.20E-03	8.20E-03
AP	SBN	L15797-08	9/30/2009	Sb-125	0.00E+00	6.40E-04	2.60E-03
AP	SBN	L15797-08	9/30/2009	Se-75	-2.80E-04	3.90E-04	1.60E-03
AP	SBN	L15797-08	9/30/2009	Zn-65	-1.60E-03	1.30E-03	5.80E-03
AP	SBN	L15797-08	9/30/2009	Zr-95	-1.08E-03	6.30E-04	3.90E-03
AP	DOW	L15797-09	9/30/2009	AcTh-228	1.30E-03	1.00E-03	3.30E-03
AP	DOW	L15797-09	9/30/2009	Ag-108m	-8.00E-05	2.20E-04	1.00E-03
AP	DOW	L15797-09	9/30/2009	Ag-110m	0.00E+00	5.30E-04	2.50E-03
AP	DOW	L15797-09	9/30/2009	Ba-140	-8.00E-03	8.00E-03	5.60E-02
AP	DOW	L15797-09	9/30/2009	Be-7	1.34E-01	1.80E-02	2.70E-02 *
AP	DOW	L15797-09	9/30/2009	Ce-141	-2.10E-03	9.50E-04	4.60E-03
AP	DOW	L15797-09	9/30/2009	Ce-144	5.00E-04	1.20E-03	4.60E-03
AP	DOW	L15797-09	9/30/2009	Co-57	-2.00E-05	1.60E-04	6.50E-04
AP	DOW	L15797-09	9/30/2009	Co-58	0.00E+00	4.10E-04	2.10E-03
AP	DOW	L15797-09	9/30/2009	Co-60	2.50E-04	6.50E-04	2.70E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	DOW	L15797-09	9/30/2009	Cr-51	5.00E-04	9.70E-03	4.00E-02
AP	DOW	L15797-09	9/30/2009	Cs-134	-8.70E-04	4.50E-04	4.80E-04
AP	DOW	L15797-09	9/30/2009	Cs-137	-3.20E-04	2.30E-04	1.40E-03
AP	DOW	L15797-09	9/30/2009	Fe-59	-1.30E-03	1.90E-03	1.00E-02
AP	DOW	L15797-09	9/30/2009	I-131	-2.20E-02	2.50E-02	1.10E-01
AP	DOW	L15797-09	9/30/2009	K-40	-2.80E-03	5.00E-03	2.50E-02
AP	DOW	L15797-09	9/30/2009	La-140	-8.00E-03	8.00E-03	5.60E-02
AP	DOW	L15797-09	9/30/2009	Mn-54	1.70E-04	3.90E-04	1.60E-03
AP	DOW	L15797-09	9/30/2009	Nb-95	8.00E-04	1.50E-03	5.80E-03
AP	DOW	L15797-09	9/30/2009	Ru-103	6.50E-04	8.00E-04	3.00E-03
AP	DOW	L15797-09	9/30/2009	Ru-106	-1.50E-03	1.50E-03	1.00E-02
AP	DOW	L15797-09	9/30/2009	Sb-124	0.00E+00	0.00E+00	3.80E-03
AP	DOW	L15797-09	9/30/2009	Sb-125	0.00E+00	8.40E-04	3.50E-03
AP	DOW	L15797-09	9/30/2009	Se-75	-7.80E-04	4.50E-04	2.10E-03
AP	DOW	L15797-09	9/30/2009	Zn-65	-1.09E-03	7.70E-04	4.80E-03
AP	DOW	L15797-09	9/30/2009	Zr-95	-8.50E-04	9.40E-04	5.20E-03
AP	COL	L15797-10	9/30/2009	AcTh-228	0.00E+00	1.00E-03	5.00E-03
AP	COL	L15797-10	9/30/2009	Ag-108m	-3.50E-04	2.70E-04	1.30E-03
AP	COL	L15797-10	9/30/2009	Ag-110m	0.00E+00	5.40E-04	2.50E-03
AP	COL	L15797-10	9/30/2009	Ba-140	-7.00E-03	1.30E-02	6.80E-02
AP	COL	L15797-10	9/30/2009	Bc-7	1.32E-01	1.80E-02	2.80E-02 *
AP	COL	L15797-10	9/30/2009	Ce-141	1.40E-03	1.00E-03	3.40E-03
AP	COL	L15797-10	9/30/2009	Ce-144	-1.00E-04	1.20E-03	4.70E-03
AP	COL	L15797-10	9/30/2009	Co-57	1.30E-04	1.50E-04	5.50E-04
AP	COL	L15797-10	9/30/2009	Co-58	6.30E-04	5.70E-04	2.00E-03
AP	COL	L15797-10	9/30/2009	Co-60	-3.00E-05	3.80E-04	1.90E-03
AP	COL	L15797-10	9/30/2009	Cr-51	-3.00E-03	1.30E-02	5.10E-02
AP	COL	L15797-10	9/30/2009	Cs-134	-3.60E-04	2.30E-04	1.70E-03
AP	COL	L15797-10	9/30/2009	Cs-137	9.00E-05	3.40E-04	1.40E-03
AP	COL	L15797-10	9/30/2009	Fe-59	0.00E+00	1.50E-03	7.60E-03
AP	COL	L15797-10	9/30/2009	I-131	-4.60E-02	2.40E-02	1.20E-01
AP	COL	L15797-10	9/30/2009	K-40	4.40E-03	5.50E-03	2.10E-02
AP	COL	L15797-10	9/30/2009	La-140	-7.00E-03	1.30E-02	6.80E-02
AP	COL	L15797-10	9/30/2009	Mn-54	2.00E-05	2.40E-04	1.20E-03
AP	COL	L15797-10	9/30/2009	Nb-95	-8.00E-04	1.20E-03	5.90E-03
AP	COL	L15797-10	9/30/2009	Ru-103	-3.40E-04	7.50E-04	3.60E-03
AP	COL	L15797-10	9/30/2009	Ru-106	-1.80E-03	2.50E-03	1.30E-02
AP	COL	L15797-10	9/30/2009	Sb-124	0.00E+00	2.00E-03	1.00E-02
AP	COL	L15797-10	9/30/2009	Sb-125	-8.30E-04	7.30E-04	3.60E-03
AP	COL	L15797-10	9/30/2009	Se-75	3.20E-04	3.60E-04	1.30E-03
AP	COL	L15797-10	9/30/2009	Zn-65	0.00E+00	9.90E-04	4.60E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	COL	L15797-10	9/30/2009	Zr-95	-7.00E-04	1.40E-03	6.50E-03
AP	ONS-1	L16064-01	12/30/2009	AcTh-228	-2.14E-03	8.90E-04	5.90E-03
AP	ONS-1	L16064-01	12/30/2009	Ag-108m	7.00E-05	2.20E-04	8.90E-04
AP	ONS-1	L16064-01	12/30/2009	Ag-110m	-2.20E-04	2.20E-04	1.60E-03
AP	ONS-1	L16064-01	12/30/2009	Ba-140	-5.60E-03	3.90E-03	2.60E-02
AP	ONS-1	L16064-01	12/30/2009	Be-7	1.09E-01	1.50E-02	2.90E-02 *
AP	ONS-1	L16064-01	12/30/2009	Ce-141	-1.04E-03	6.80E-04	3.00E-03
AP	ONS-1	L16064-01	12/30/2009	Ce-144	-1.70E-04	8.10E-04	3.40E-03
AP	ONS-1	L16064-01	12/30/2009	Co-57	2.00E-05	1.20E-04	4.80E-04
AP	ONS-1	L16064-01	12/30/2009	Co-58	2.50E-04	3.60E-04	1.50E-03
AP	ONS-1	L16064-01	12/30/2009	Co-60	-3.80E-04	2.70E-04	1.90E-03
AP	ONS-1	L16064-01	12/30/2009	Cr-51	4.80E-03	5.30E-03	1.90E-02
AP	ONS-1	L16064-01	12/30/2009	Cs-134	0.00E+00	1.90E-04	1.20E-03
AP	ONS-1	L16064-01	12/30/2009	Cs-137	-4.00E-05	2.60E-04	1.20E-03
AP	ONS-1	L16064-01	12/30/2009	Fe-59	0.00E+00	9.90E-04	5.20E-03
AP	ONS-1	L16064-01	12/30/2009	I-131	1.30E-03	7.00E-03	2.70E-02
AP	ONS-1	L16064-01	12/30/2009	K-40	6.00E-03	4.30E-03	1.40E-02
AP	ONS-1	L16064-01	12/30/2009	La-140	-5.60E-03	3.90E-03	2.60E-02
AP	ONS-1	L16064-01	12/30/2009	Mn-54	-1.30E-04	1.30E-04	1.00E-03
AP	ONS-1	L16064-01	12/30/2009	Nb-95	3.40E-04	3.40E-04	9.10E-04
AP	ONS-1	L16064-01	12/30/2009	Ru-103	-2.20E-04	2.20E-04	1.60E-03
AP	ONS-1	L16064-01	12/30/2009	Ru-106	-3.10E-03	3.40E-03	1.60E-02
AP	ONS-1	L16064-01	12/30/2009	Sb-124	1.00E-03	1.00E-03	2.80E-03
AP	ONS-1	L16064-01	12/30/2009	Sb-125	-4.60E-04	5.70E-04	2.80E-03
AP	ONS-1	L16064-01	12/30/2009	Se-75	2.10E-04	3.40E-04	1.30E-03
AP	ONS-1	L16064-01	12/30/2009	Zn-65	0.00E+00	5.70E-04	3.00E-03
AP	ONS-1	L16064-01	12/30/2009	Zr-95	1.40E-04	8.90E-04	3.90E-03
AP	ONS-2	L16064-02	12/30/2009	AcTh-228	8.40E-04	9.50E-04	3.50E-03
AP	ONS-2	L16064-02	12/30/2009	Ag-108m	1.70E-04	2.10E-04	7.60E-04
AP	ONS-2	L16064-02	12/30/2009	Ag-110m	-1.50E-04	2.50E-04	1.40E-03
AP	ONS-2	L16064-02	12/30/2009	Ba-140	1.50E-03	3.10E-03	1.30E-02
AP	ONS-2	L16064-02	12/30/2009	Be-7	1.10E-01	1.10E-02	1.60E-02 *
AP	ONS-2	L16064-02	12/30/2009	Ce-141	3.70E-04	6.60E-04	2.40E-03
AP	ONS-2	L16064-02	12/30/2009	Ce-144	1.40E-03	1.20E-03	4.10E-03
AP	ONS-2	L16064-02	12/30/2009	Co-57	3.00E-05	1.50E-04	5.40E-04
AP	ONS-2	L16064-02	12/30/2009	Co-58	-2.90E-04	4.10E-04	1.90E-03
AP	ONS-2	L16064-02	12/30/2009	Co-60	1.30E-04	4.80E-04	1.90E-03
AP	ONS-2	L16064-02	12/30/2009	Cr-51	2.70E-03	7.10E-03	2.60E-02
AP	ONS-2	L16064-02	12/30/2009	Cs-134	2.20E-04	1.90E-04	9.00E-04
AP	ONS-2	L16064-02	12/30/2009	Cs-137	8.00E-05	1.80E-04	7.40E-04
AP	ONS-2	L16064-02	12/30/2009	Fe-59	-4.10E-04	4.10E-04	3.20E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	ONS-2	L16064-02	12/30/2009	I-131	-6.60E-03	5.80E-03	2.50E-02
AP	ONS-2	L16064-02	12/30/2009	K-40	1.04E-02	4.80E-03	1.40E-02
AP	ONS-2	L16064-02	12/30/2009	La-140	1.50E-03	3.10E-03	1.30E-02
AP	ONS-2	L16064-02	12/30/2009	Mn-54	-2.00E-04	2.40E-04	1.20E-03
AP	ONS-2	L16064-02	12/30/2009	Nb-95	-3.70E-04	8.20E-04	3.50E-03
AP	ONS-2	L16064-02	12/30/2009	Ru-103	-3.10E-04	5.60E-04	2.40E-03
AP	ONS-2	L16064-02	12/30/2009	Ru-106	-2.20E-03	2.60E-03	1.20E-02
AP	ONS-2	L16064-02	12/30/2009	Sb-124	5.00E-05	8.50E-04	4.40E-03
AP	ONS-2	L16064-02	12/30/2009	Sb-125	-9.20E-04	6.90E-04	3.10E-03
AP	ONS-2	L16064-02	12/30/2009	Se-75	-5.10E-04	3.00E-04	1.40E-03
AP	ONS-2	L16064-02	12/30/2009	Zn-65	3.10E-04	5.60E-04	2.30E-03
AP	ONS-2	L16064-02	12/30/2009	Zr-95	7.80E-04	7.80E-04	2.80E-03
AP	ONS-3	L16064-03	12/30/2009	AcTh-228	9.60E-04	8.80E-04	3.10E-03
AP	ONS-3	L16064-03	12/30/2009	Ag-108m	2.20E-04	1.90E-04	6.70E-04
AP	ONS-3	L16064-03	12/30/2009	Ag-110m	0.00E+00	3.10E-04	1.60E-03
AP	ONS-3	L16064-03	12/30/2009	Ba-140	5.60E-03	3.90E-03	7.50E-03
AP	ONS-3	L16064-03	12/30/2009	Be-7	1.03E-01	1.30E-02	2.20E-02 *
AP	ONS-3	L16064-03	12/30/2009	Ce-141	5.10E-04	6.50E-04	2.30E-03
AP	ONS-3	L16064-03	12/30/2009	Ce-144	-6.10E-04	8.20E-04	3.70E-03
AP	ONS-3	L16064-03	12/30/2009	Co-57	-5.00E-05	1.10E-04	4.60E-04
AP	ONS-3	L16064-03	12/30/2009	Co-58	4.90E-04	5.10E-04	1.90E-03
AP	ONS-3	L16064-03	12/30/2009	Co-60	0.00E+00	4.20E-04	2.00E-03
AP	ONS-3	L16064-03	12/30/2009	Cr-51	2.60E-03	4.30E-03	1.70E-02
AP	ONS-3	L16064-03	12/30/2009	Cs-134	-3.60E-04	2.20E-04	1.50E-03
AP	ONS-3	L16064-03	12/30/2009	Cs-137	-3.20E-04	3.20E-04	1.60E-03
AP	ONS-3	L16064-03	12/30/2009	Fe-59	7.00E-04	7.00E-04	1.90E-03
AP	ONS-3	L16064-03	12/30/2009	I-131	3.50E-03	2.50E-03	4.80E-03
AP	ONS-3	L16064-03	12/30/2009	K-40	-4.90E-03	3.70E-03	2.20E-02
AP	ONS-3	L16064-03	12/30/2009	La-140	5.60E-03	3.90E-03	7.50E-03
AP	ONS-3	L16064-03	12/30/2009	Mn-54	0.00E+00	2.90E-04	1.40E-03
AP	ONS-3	L16064-03	12/30/2009	Nb-95	4.00E-05	4.40E-04	2.30E-03
AP	ONS-3	L16064-03	12/30/2009	Ru-103	0.00E+00	6.10E-04	2.60E-03
AP	ONS-3	L16064-03	12/30/2009	Ru-106	2.70E-03	3.40E-03	1.30E-02
AP	ONS-3	L16064-03	12/30/2009	Sb-124	2.00E-03	1.40E-03	2.80E-03
AP	ONS-3	L16064-03	12/30/2009	Sb-125	0.00E+00	3.20E-04	1.70E-03
AP	ONS-3	L16064-03	12/30/2009	Se-75	3.40E-04	2.90E-04	1.00E-03
AP	ONS-3	L16064-03	12/30/2009	Zn-65	-9.00E-04	6.40E-04	4.00E-03
AP	ONS-3	L16064-03	12/30/2009	Zr-95	-2.90E-04	6.10E-04	3.30E-03
AP	ONS-4	L16064-04	12/30/2009	AcTh-228	-6.00E-04	1.00E-03	5.20E-03
AP	ONS-4	L16064-04	12/30/2009	Ag-108m	-1.50E-04	1.80E-04	8.90E-04
AP	ONS-4	L16064-04	12/30/2009	Ag-110m	4.40E-04	3.10E-04	6.00E-04

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-4	L16064-04	12/30/2009	Ba-140	2.80E-03	2.80E-03	7.50E-03
AP	ONS-4	L16064-04	12/30/2009	Be-7	9.00E-02	1.30E-02	2.40E-02 *
AP	ONS-4	L16064-04	12/30/2009	Ce-141	-5.30E-04	6.30E-04	2.70E-03
AP	ONS-4	L16064-04	12/30/2009	Ce-144	-3.30E-04	9.40E-04	3.90E-03
AP	ONS-4	L16064-04	12/30/2009	Co-57	-1.20E-04	1.10E-04	4.90E-04
AP	ONS-4	L16064-04	12/30/2009	Co-58	2.50E-04	3.60E-04	1.50E-03
AP	ONS-4	L16064-04	12/30/2009	Co-60	2.00E-05	2.90E-04	1.50E-03
AP	ONS-4	L16064-04	12/30/2009	Cr-51	1.02E-02	6.20E-03	1.90E-02
AP	ONS-4	L16064-04	12/30/2009	Cs-134	-3.00E-05	1.80E-04	1.10E-03
AP	ONS-4	L16064-04	12/30/2009	Cs-137	8.00E-05	2.90E-04	1.20E-03
AP	ONS-4	L16064-04	12/30/2009	Fe-59	-1.40E-03	9.90E-04	6.50E-03
AP	ONS-4	L16064-04	12/30/2009	I-131	-2.30E-03	4.10E-03	2.00E-02
AP	ONS-4	L16064-04	12/30/2009	K-40	6.00E-03	5.20E-03	1.80E-02
AP	ONS-4	L16064-04	12/30/2009	La-140	2.80E-03	2.80E-03	7.50E-03
AP	ONS-4	L16064-04	12/30/2009	Mn-54	-2.00E-04	3.80E-04	1.80E-03
AP	ONS-4	L16064-04	12/30/2009	Nb-95	-1.70E-04	8.30E-04	3.70E-03
AP	ONS-4	L16064-04	12/30/2009	Ru-103	-4.40E-04	6.90E-04	3.10E-03
AP	ONS-4	L16064-04	12/30/2009	Ru-106	-2.70E-03	2.50E-03	1.30E-02
AP	ONS-4	L16064-04	12/30/2009	Sb-124	1.00E-03	1.80E-03	7.50E-03
AP	ONS-4	L16064-04	12/30/2009	Sb-125	-4.60E-04	6.60E-04	3.00E-03
AP	ONS-4	L16064-04	12/30/2009	Se-75	-8.80E-04	3.70E-04	1.80E-03
AP	ONS-4	L16064-04	12/30/2009	Zn-65	-1.61E-03	8.10E-04	4.80E-03
AP	ONS-4	L16064-04	12/30/2009	Zr-95	3.90E-04	3.90E-04	1.00E-03
AP	ONS-5	L16064-05	12/30/2009	AcTh-228	5.00E-04	1.00E-03	4.00E-03
AP	ONS-5	L16064-05	12/30/2009	Ag-108m	-1.20E-04	2.10E-04	8.90E-04
AP	ONS-5	L16064-05	12/30/2009	Ag-110m	-4.50E-04	4.90E-04	2.20E-03
AP	ONS-5	L16064-05	12/30/2009	Ba-140	-2.00E-04	2.60E-03	1.30E-02
AP	ONS-5	L16064-05	12/30/2009	Be-7	9.70E-02	1.10E-02	1.80E-02 *
AP	ONS-5	L16064-05	12/30/2009	Ce-141	-5.20E-04	7.20E-04	2.90E-03
AP	ONS-5	L16064-05	12/30/2009	Ce-144	3.60E-04	8.80E-04	3.30E-03
AP	ONS-5	L16064-05	12/30/2009	Co-57	2.50E-04	1.50E-04	4.70E-04
AP	ONS-5	L16064-05	12/30/2009	Co-58	-3.00E-04	3.60E-04	1.80E-03
AP	ONS-5	L16064-05	12/30/2009	Co-60	0.00E+00	1.90E-04	1.00E-03
AP	ONS-5	L16064-05	12/30/2009	Cr-51	4.10E-03	5.90E-03	2.20E-02
AP	ONS-5	L16064-05	12/30/2009	Cs-134	-2.80E-04	1.80E-04	1.10E-03
AP	ONS-5	L16064-05	12/30/2009	Cs-137	-2.00E-05	3.00E-04	1.20E-03
AP	ONS-5	L16064-05	12/30/2009	Fe-59	-7.80E-04	8.50E-04	4.70E-03
AP	ONS-5	L16064-05	12/30/2009	I-131	4.00E-03	4.50E-03	1.60E-02
AP	ONS-5	L16064-05	12/30/2009	K-40	8.00E-04	4.40E-03	1.80E-02
AP	ONS-5	L16064-05	12/30/2009	La-140	-2.00E-04	2.60E-03	1.30E-02
AP	ONS-5	L16064-05	12/30/2009	Mn-54	2.00E-04	3.40E-04	1.30E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	ONS-5	L16064-05	12/30/2009	Nb-95	-1.07E-03	7.30E-04	3.50E-03
AP	ONS-5	L16064-05	12/30/2009	Ru-103	3.40E-04	6.10E-04	2.30E-03
AP	ONS-5	L16064-05	12/30/2009	Ru-106	-1.00E-03	2.20E-03	9.90E-03
AP	ONS-5	L16064-05	12/30/2009	Sb-124	5.00E-05	8.60E-04	4.50E-03
AP	ONS-5	L16064-05	12/30/2009	Sb-125	-2.30E-04	7.40E-04	3.00E-03
AP	ONS-5	L16064-05	12/30/2009	Se-75	0.00E+00	3.30E-04	1.30E-03
AP	ONS-5	L16064-05	12/30/2009	Zn-65	-1.16E-03	6.40E-04	3.50E-03
AP	ONS-5	L16064-05	12/30/2009	Zr-95	7.90E-04	4.60E-04	7.10E-04
AP	ONS-6	L16064-06	12/30/2009	AcTh-228	1.70E-04	6.60E-04	2.50E-03
AP	ONS-6	L16064-06	12/30/2009	Ag-108m	1.30E-04	1.30E-04	4.50E-04
AP	ONS-6	L16064-06	12/30/2009	Ag-110m	0.00E+00	2.10E-04	8.50E-04
AP	ONS-6	L16064-06	12/30/2009	Ba-140	-2.00E-04	1.90E-03	8.30E-03
AP	ONS-6	L16064-06	12/30/2009	Be-7	9.51E-02	7.30E-03	1.30E-02 *
AP	ONS-6	L16064-06	12/30/2009	Ce-141	-9.00E-05	4.80E-04	1.70E-03
AP	ONS-6	L16064-06	12/30/2009	Ce-144	9.00E-04	6.70E-04	2.20E-03
AP	ONS-6	L16064-06	12/30/2009	Co-57	7.10E-05	8.20E-05	2.80E-04
AP	ONS-6	L16064-06	12/30/2009	Co-58	1.80E-04	2.50E-04	9.00E-04
AP	ONS-6	L16064-06	12/30/2009	Co-60	-5.00E-05	1.20E-04	5.90E-04
AP	ONS-6	L16064-06	12/30/2009	Cr-51	-1.10E-03	4.30E-03	1.60E-02
AP	ONS-6	L16064-06	12/30/2009	Cs-134	-2.30E-04	1.30E-04	7.50E-04
AP	ONS-6	L16064-06	12/30/2009	Cs-137	-2.50E-04	1.70E-04	7.20E-04
AP	ONS-6	L16064-06	12/30/2009	Fe-59	-2.10E-04	7.10E-04	2.90E-03
AP	ONS-6	L16064-06	12/30/2009	I-131	4.70E-03	3.80E-03	1.30E-02
AP	ONS-6	L16064-06	12/30/2009	K-40	2.60E-03	2.70E-03	9.40E-03
AP	ONS-6	L16064-06	12/30/2009	La-140	-2.00E-04	1.90E-03	8.30E-03
AP	ONS-6	L16064-06	12/30/2009	Mn-54	-1.60E-04	1.40E-04	6.40E-04
AP	ONS-6	L16064-06	12/30/2009	Nb-95	4.10E-04	4.20E-04	1.50E-03
AP	ONS-6	L16064-06	12/30/2009	Ru-103	-7.00E-04	3.70E-04	1.60E-03
AP	ONS-6	L16064-06	12/30/2009	Ru-106	-2.30E-03	1.50E-03	6.50E-03
AP	ONS-6	L16064-06	12/30/2009	Sb-124	4.00E-05	5.00E-04	2.30E-03
AP	ONS-6	L16064-06	12/30/2009	Sb-125	-7.10E-04	4.30E-04	1.80E-03
AP	ONS-6	L16064-06	12/30/2009	Se-75	-2.10E-04	2.00E-04	8.00E-04
AP	ONS-6	L16064-06	12/30/2009	Zn-65	-1.30E-04	3.70E-04	1.60E-03
AP	ONS-6	L16064-06	12/30/2009	Zr-95	1.50E-03	5.30E-04	1.40E-03
AP	NBF	L16064-07	12/30/2009	AcTh-228	-1.00E-04	4.10E-04	2.00E-03
AP	NBF	L16064-07	12/30/2009	Ag-108m	2.00E-05	1.50E-04	5.80E-04
AP	NBF	L16064-07	12/30/2009	Ag-110m	-3.50E-04	2.50E-04	1.20E-03
AP	NBF	L16064-07	12/30/2009	Ba-140	-2.40E-03	2.20E-03	1.20E-02
AP	NBF	L16064-07	12/30/2009	Be-7	1.13E-01	8.90E-03	1.20E-02 *
AP	NBF	L16064-07	12/30/2009	Ce-141	-3.30E-04	5.20E-04	2.00E-03
AP	NBF	L16064-07	12/30/2009	Ce-144	-8.00E-04	8.50E-04	3.30E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	NBF	L16064-07	12/30/2009	Co-57	2.00E-04	1.10E-04	3.40E-04
AP	NBF	L16064-07	12/30/2009	Co-58	9.00E-05	2.60E-04	1.00E-03
AP	NBF	L16064-07	12/30/2009	Co-60	1.60E-04	2.20E-04	8.50E-04
AP	NBF	L16064-07	12/30/2009	Cr-51	-4.00E-03	4.70E-03	1.90E-02
AP	NBF	L16064-07	12/30/2009	Cs-134	2.00E-05	1.60E-04	7.40E-04
AP	NBF	L16064-07	12/30/2009	Cs-137	-3.00E-05	1.70E-04	6.90E-04
AP	NBF	L16064-07	12/30/2009	Fe-59	8.90E-04	7.80E-04	2.70E-03
AP	NBF	L16064-07	12/30/2009	I-131	-1.60E-03	4.00E-03	1.60E-02
AP	NBF	L16064-07	12/30/2009	K-40	3.70E-03	3.00E-03	1.00E-02
AP	NBF	L16064-07	12/30/2009	La-140	-2.40E-03	2.20E-03	1.20E-02
AP	NBF	L16064-07	12/30/2009	Mn-54	-3.50E-04	2.00E-04	9.70E-04
AP	NBF	L16064-07	12/30/2009	Nb-95	2.60E-04	5.30E-04	2.00E-03
AP	NBF	L16064-07	12/30/2009	Ru-103	2.60E-04	4.20E-04	1.50E-03
AP	NBF	L16064-07	12/30/2009	Ru-106	-3.30E-03	1.70E-03	8.00E-03
AP	NBF	L16064-07	12/30/2009	Sb-124	4.40E-04	8.10E-04	3.30E-03
AP	NBF	L16064-07	12/30/2009	Sb-125	-2.60E-04	6.10E-04	2.30E-03
AP	NBF	L16064-07	12/30/2009	Se-75	3.00E-04	2.80E-04	9.40E-04
AP	NBF	L16064-07	12/30/2009	Zn-65	-7.80E-04	4.90E-04	2.40E-03
AP	NBF	L16064-07	12/30/2009	Zr-95	-6.20E-04	4.40E-04	2.20E-03
AP	SBN	L16064-08	12/30/2009	AcTh-228	3.50E-04	6.80E-04	2.80E-03
AP	SBN	L16064-08	12/30/2009	Ag-108m	-2.20E-04	1.40E-04	6.90E-04
AP	SBN	L16064-08	12/30/2009	Ag-110m	5.30E-04	3.20E-04	9.70E-04
AP	SBN	L16064-08	12/30/2009	Ba-140	-9.60E-03	4.30E-03	2.40E-02
AP	SBN	L16064-08	12/30/2009	Be-7	9.68E-02	9.30E-03	8.60E-03 *
AP	SBN	L16064-08	12/30/2009	Ce-141	4.00E-05	6.00E-04	2.20E-03
AP	SBN	L16064-08	12/30/2009	Ce-144	-5.60E-04	8.60E-04	3.40E-03
AP	SBN	L16064-08	12/30/2009	Co-57	1.20E-05	9.20E-05	3.50E-04
AP	SBN	L16064-08	12/30/2009	Co-58	1.80E-04	3.30E-04	1.30E-03
AP	SBN	L16064-08	12/30/2009	Co-60	-1.30E-04	2.80E-04	1.40E-03
AP	SBN	L16064-08	12/30/2009	Cr-51	2.50E-03	4.10E-03	1.50E-02
AP	SBN	L16064-08	12/30/2009	Cs-134	-6.00E-05	1.70E-04	9.20E-04
AP	SBN	L16064-08	12/30/2009	Cs-137	-2.10E-04	2.50E-04	1.10E-03
AP	SBN	L16064-08	12/30/2009	Fe-59	-5.30E-04	7.90E-04	4.20E-03
AP	SBN	L16064-08	12/30/2009	I-131	6.00E-04	4.30E-03	1.70E-02
AP	SBN	L16064-08	12/30/2009	K-40	1.00E-03	2.90E-03	1.20E-02
AP	SBN	L16064-08	12/30/2009	La-140	-9.60E-03	4.30E-03	2.40E-02
AP	SBN	L16064-08	12/30/2009	Mn-54	-1.70E-04	2.80E-04	1.20E-03
AP	SBN	L16064-08	12/30/2009	Nb-95	2.50E-04	4.30E-04	1.80E-03
AP	SBN	L16064-08	12/30/2009	Ru-103	0.00E+00	3.20E-04	1.40E-03
AP	SBN	L16064-08	12/30/2009	Ru-106	1.70E-03	1.80E-03	6.50E-03
AP	SBN	L16064-08	12/30/2009	Sb-124	1.30E-03	1.20E-03	4.40E-03

\*. Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
AP	SBN	L16064-08	12/30/2009	Sb-125	-4.10E-04	4.50E-04	2.00E-03
AP	SBN	L16064-08	12/30/2009	Se-75	9.00E-05	2.30E-04	8.70E-04
AP	SBN	L16064-08	12/30/2009	Zn-65	-8.70E-04	6.90E-04	3.40E-03
AP	SBN	L16064-08	12/30/2009	Zr-95	-3.70E-04	4.20E-04	2.30E-03
AP	DOW	L16064-09	12/30/2009	AcTh-228	4.00E-04	1.20E-03	5.10E-03
AP	DOW	L16064-09	12/30/2009	Ag-108m	-1.40E-04	1.80E-04	8.60E-04
AP	DOW	L16064-09	12/30/2009	Ag-110m	4.30E-04	4.30E-04	1.60E-03
AP	DOW	L16064-09	12/30/2009	Ba-140	-3.30E-03	5.10E-03	2.70E-02
AP	DOW	L16064-09	12/30/2009	Be-7	1.29E-01	1.40E-02	1.60E-02 *
AP	DOW	L16064-09	12/30/2009	Ce-141	-8.20E-04	6.80E-04	2.90E-03
AP	DOW	L16064-09	12/30/2009	Ce-144	-2.00E-04	1.10E-03	4.30E-03
AP	DOW	L16064-09	12/30/2009	Co-57	-7.90E-05	8.60E-05	4.10E-04
AP	DOW	L16064-09	12/30/2009	Co-58	5.00E-05	4.00E-04	1.90E-03
AP	DOW	L16064-09	12/30/2009	Co-60	-6.30E-04	3.60E-04	2.30E-03
AP	DOW	L16064-09	12/30/2009	Cr-51	-4.70E-03	5.40E-03	2.50E-02
AP	DOW	L16064-09	12/30/2009	Cs-134	-1.00E-05	1.90E-04	9.90E-04
AP	DOW	L16064-09	12/30/2009	Cs-137	1.20E-04	1.20E-04	3.20E-04
AP	DOW	L16064-09	12/30/2009	Fe-59	-1.00E-03	2.00E-03	8.90E-03
AP	DOW	L16064-09	12/30/2009	I-131	5.90E-03	4.50E-03	1.50E-02
AP	DOW	L16064-09	12/30/2009	K-40	9.90E-03	6.70E-03	2.20E-02
AP	DOW	L16064-09	12/30/2009	La-140	-3.30E-03	5.10E-03	2.70E-02
AP	DOW	L16064-09	12/30/2009	Mn-54	-2.90E-04	2.90E-04	1.50E-03
AP	DOW	L16064-09	12/30/2009	Nb-95	-8.30E-04	6.70E-04	3.70E-03
AP	DOW	L16064-09	12/30/2009	Ru-103	-4.30E-04	3.00E-04	2.00E-03
AP	DOW	L16064-09	12/30/2009	Ru-106	-2.00E-04	1.60E-03	8.40E-03
AP	DOW	L16064-09	12/30/2009	Sb-124	-9.30E-04	9.30E-04	7.20E-03
AP	DOW	L16064-09	12/30/2009	Sb-125	9.00E-04	5.50E-04	1.70E-03
AP	DOW	L16064-09	12/30/2009	Se-75	-2.00E-05	2.50E-04	1.10E-03
AP	DOW	L16064-09	12/30/2009	Zn-65	-1.90E-03	1.20E-03	6.00E-03
AP	DOW	L16064-09	12/30/2009	Zr-95	1.40E-04	8.70E-04	3.80E-03
AP	COL	L16064-10	12/30/2009	AcTh-228	-6.00E-04	1.30E-03	6.10E-03
AP	COL	L16064-10	12/30/2009	Ag-108m	0.00E+00	1.50E-04	7.10E-04
AP	COL	L16064-10	12/30/2009	Ag-110m	0.00E+00	5.60E-04	2.50E-03
AP	COL	L16064-10	12/30/2009	Ba-140	0.00E+00	4.10E-03	2.10E-02
AP	COL	L16064-10	12/30/2009	Be-7	1.06E-01	1.30E-02	1.30E-02 *
AP	COL	L16064-10	12/30/2009	Ce-141	-1.80E-03	7.00E-04	3.30E-03
AP	COL	L16064-10	12/30/2009	Ce-144	-8.60E-04	9.00E-04	4.00E-03
AP	COL	L16064-10	12/30/2009	Co-57	-2.10E-04	1.00E-04	5.20E-04
AP	COL	L16064-10	12/30/2009	Co-58	-1.70E-04	3.60E-04	1.90E-03
AP	COL	L16064-10	12/30/2009	Co-60	4.40E-04	3.10E-04	5.90E-04
AP	COL	L16064-10	12/30/2009	Cr-51	0.00E+00	5.60E-03	2.40E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
AP	COL	L16064-10	12/30/2009	Cs-134	-1.50E-04	1.90E-04	1.10E-03
AP	COL	L16064-10	12/30/2009	Cs-137	1.60E-04	4.20E-04	1.60E-03
AP	COL	L16064-10	12/30/2009	Fe-59	-2.20E-03	1.60E-03	8.70E-03
AP	COL	L16064-10	12/30/2009	I-131	9.00E-03	5.70E-03	1.80E-02
AP	COL	L16064-10	12/30/2009	K-40	6.10E-03	6.20E-03	2.20E-02
AP	COL	L16064-10	12/30/2009	La-140	0.00E+00	4.10E-03	2.10E-02
AP	COL	L16064-10	12/30/2009	Mn-54	-2.60E-04	1.90E-04	1.30E-03
AP	COL	L16064-10	12/30/2009	Nb-95	-1.22E-03	6.10E-04	3.90E-03
AP	COL	L16064-10	12/30/2009	Ru-103	0.00E+00	7.20E-04	3.00E-03
AP	COL	L16064-10	12/30/2009	Ru-106	7.00E-04	2.70E-03	1.10E-02
AP	COL	L16064-10	12/30/2009	Sb-124	-1.10E-03	1.10E-03	7.80E-03
AP	COL	L16064-10	12/30/2009	Sb-125	2.40E-04	6.30E-04	2.60E-03
AP	COL	L16064-10	12/30/2009	Se-75	-2.60E-04	4.20E-04	1.80E-03
AP	COL	L16064-10	12/30/2009	Zn-65	-8.30E-04	5.90E-04	3.90E-03
AP	COL	L16064-10	12/30/2009	Zr-95	1.19E-03	6.90E-04	1.10E-03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
CF	ONS-1	L14771-01	1/7/2009	I-131	3.00E-04	3.60E-03	1.40E-02
CF	ONS-2	L14771-02	1/7/2009	I-131	0.00E+00	4.40E-03	1.70E-02
CF	ONS-3	L14771-03	1/7/2009	I-131	-2.00E-03	3.20E-03	1.30E-02
CF	ONS-4	L14771-04	1/7/2009	I-131	-2.60E-03	4.10E-03	1.60E-02
CF	ONS-5	L14771-05	1/7/2009	I-131	-1.70E-03	3.80E-03	1.60E-02
CF	ONS-6	L14771-06	1/7/2009	I-131	6.40E-03	4.20E-03	1.40E-02
CF	NBF	L14771-07	1/7/2009	I-131	-2.80E-03	3.20E-03	1.30E-02
CF	SBN	L14771-08	1/7/2009	I-131	8.00E-04	3.20E-03	1.20E-02
CF	DOW	L14771-09	1/7/2009	I-131	0.00E+00	4.10E-03	1.60E-02
CF	COL	L14771-10	1/7/2009	I-131	-1.70E-03	3.50E-03	1.40E-02
CF	ONS-1	L14812-01	1/14/2009	I-131	-4.50E-03	5.50E-03	2.20E-02
CF	ONS-2	L14812-02	1/14/2009	I-131	1.40E-03	4.10E-03	1.60E-02
CF	ONS-3	L14812-03	1/14/2009	I-131	-6.10E-03	4.60E-03	1.90E-02
CF	ONS-4	L14812-04	1/14/2009	I-131	-3.10E-03	3.50E-03	1.60E-02
CF	ONS-5	L14812-05	1/14/2009	I-131	-1.20E-03	5.30E-03	2.10E-02
CF	ONS-6	L14812-06	1/14/2009	I-131	5.90E-03	4.60E-03	1.50E-02
CF	NBF	L14812-07	1/14/2009	I-131	5.00E-03	5.90E-03	2.10E-02
CF	SBN	L14812-08	1/14/2009	I-131	-2.50E-03	4.20E-03	1.70E-02
CF	DOW	L14812-09	1/14/2009	I-131	1.06E-02	5.00E-03	1.90E-02
CF	COL	L14812-10	1/14/2009	I-131	-4.40E-03	4.40E-03	1.90E-02
CF	ONS-1	L14833-01	1/21/2009	I-131	-2.00E-04	5.40E-03	2.10E-02
CF	ONS-2	L14833-02	1/21/2009	I-131	-8.00E-04	4.00E-03	1.50E-02
CF	ONS-3	L14833-03	1/21/2009	I-131	1.17E-02	4.90E-03	1.40E-02
CF	ONS-4	L14833-04	1/21/2009	I-131	-5.40E-03	5.00E-03	2.10E-02
CF	ONS-5	L14833-05	1/21/2009	I-131	8.00E-04	4.00E-03	1.50E-02
CF	ONS-6	L14833-06	1/21/2009	I-131	-4.00E-04	5.10E-03	2.10E-02
CF	NBF	L14833-07	1/21/2009	I-131	-3.60E-03	4.50E-03	1.80E-02
CF	SBN	L14833-08	1/21/2009	I-131	-6.50E-03	5.90E-03	2.40E-02
CF	DOW	L14833-09	1/21/2009	I-131	1.10E-03	4.10E-03	1.60E-02
CF	COL	L14833-10	1/21/2009	I-131	7.10E-03	4.40E-03	1.40E-02
CF	ONS-1	L14857-01	1/28/2009	I-131	7.00E-03	6.60E-03	2.30E-02
CF	ONS-2	L14857-02	1/28/2009	I-131	-9.20E-03	5.60E-03	2.30E-02
CF	ONS-3	L14857-03	1/28/2009	I-131	1.30E-03	5.20E-03	2.00E-02
CF	ONS-4	L14857-04	1/28/2009	I-131	-1.07E-02	6.20E-03	2.80E-02
CF	ONS-5	L14857-05	1/28/2009	I-131	4.00E-03	5.70E-03	2.00E-02
CF	ONS-6	L14857-06	1/28/2009	I-131	-7.30E-03	6.40E-03	2.80E-02
CF	NBF	L14857-07	1/28/2009	I-131	-2.10E-03	5.50E-03	2.20E-02
CF	SBN	L14857-08	1/28/2009	I-131	4.50E-03	7.70E-03	2.80E-02
CF	DOW	L14857-09	1/28/2009	I-131	1.00E-03	6.20E-03	2.40E-02
CF	COL	L14857-10	1/28/2009	I-131	-5.80E-03	6.00E-03	2.40E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L14872-01	2/4/2009	I-131	-6.90E-03	4.60E-03	1.90E-02
CF	ONS-2	L14872-02	2/4/2009	I-131	7.10E-03	5.80E-03	2.00E-02
CF	ONS-3	L14872-03	2/4/2009	I-131	-4.90E-03	5.10E-03	2.00E-02
CF	ONS-4	L14872-04	2/4/2009	I-131	0.00E+00	4.70E-03	1.80E-02
CF	ONS-5	L14872-05	2/4/2009	I-131	2.30E-03	5.60E-03	2.10E-02
CF	ONS-6	L14872-06	2/4/2009	I-131	5.40E-03	4.90E-03	1.70E-02
CF	NBF	L14872-07	2/4/2009	I-131	-6.20E-03	5.90E-03	2.50E-02
CF	SBN	L14872-08	2/4/2009	I-131	4.00E-04	5.00E-03	1.90E-02
CF	DOW	L14872-09	2/4/2009	I-131	-2.10E-03	4.40E-03	1.80E-02
CF	COL	L14872-10	2/4/2009	I-131	-1.20E-03	4.80E-03	1.90E-02
CF	ONS-1	L14893-01	2/11/2009	I-131	2.60E-03	3.70E-03	1.40E-02
CF	ONS-2	L14893-02	2/11/2009	I-131	4.30E-03	3.10E-03	1.00E-02
CF	ONS-3	L14893-03	2/11/2009	I-131	-6.60E-03	3.40E-03	1.50E-02
CF	ONS-4	L14893-04	2/11/2009	I-131	-5.50E-03	3.20E-03	1.50E-02
CF	ONS-5	L14893-05	2/11/2009	I-131	4.80E-03	4.90E-03	1.70E-02
CF	ONS-6	L14893-06	2/11/2009	I-131	-8.50E-03	5.00E-03	2.20E-02
CF	NBF	L14893-07	2/11/2009	I-131	1.20E-03	5.80E-03	2.20E-02
CF	SBN	L14893-08	2/11/2009	I-131	2.40E-03	4.90E-03	1.80E-02
CF	DOW	L14893-09	2/11/2009	I-131	4.10E-03	4.80E-03	1.70E-02
CF	COL	L14893-10	2/11/2009	I-131	2.30E-03	6.30E-03	2.30E-02
CF	ONS-1	L14911-01	2/18/2009	I-131	0.00E+00	5.60E-03	2.20E-02
CF	ONS-2	L14911-02	2/18/2009	I-131	-4.00E-03	5.10E-03	2.00E-02
CF	ONS-3	L14911-03	2/18/2009	I-131	4.70E-03	4.70E-03	1.70E-02
CF	ONS-4	L14911-04	2/18/2009	I-131	-5.20E-03	3.90E-03	1.70E-02
CF	ONS-5	L14911-05	2/18/2009	I-131	1.70E-03	4.70E-03	1.80E-02
CF	ONS-6	L14911-06	2/18/2009	I-131	5.00E-03	4.90E-03	1.70E-02
CF	NBF	L14911-07	2/18/2009	I-131	6.80E-03	6.00E-03	2.10E-02
CF	SBN	L14911-08	2/18/2009	I-131	-2.70E-03	4.20E-03	1.70E-02
CF	DOW	L14911-09	2/18/2009	I-131	2.50E-03	4.10E-03	1.60E-02
CF	COL	L14911-10	2/18/2009	I-131	-6.70E-03	6.00E-03	2.40E-02
CF	ONS-1	L14928-01	2/25/2009	I-131	7.10E-03	4.70E-03	1.50E-02
CF	ONS-2	L14928-02	2/25/2009	I-131	0.00E+00	4.90E-03	1.90E-02
CF	ONS-3	L14928-03	2/25/2009	I-131	4.00E-03	5.50E-03	2.00E-02
CF	ONS-4	L14928-04	2/25/2009	I-131	-1.80E-03	5.70E-03	2.20E-02
CF	ONS-5	L14928-05	2/25/2009	I-131	5.60E-03	5.30E-03	1.80E-02
CF	ONS-6	L14928-06	2/25/2009	I-131	-8.40E-03	4.90E-03	2.10E-02
CF	NBF	L14928-07	2/25/2009	I-131	-2.30E-03	4.70E-03	1.90E-02
CF	SBN	L14928-08	2/25/2009	I-131	-8.50E-03	5.60E-03	2.40E-02
CF	DOW	L14928-09	2/25/2009	I-131	7.00E-03	4.80E-03	1.60E-02
CF	COL	L14928-10	2/25/2009	I-131	8.40E-03	5.80E-03	1.90E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L14948-01	3/4/2009	I-131	1.10E-03	5.30E-03	2.00E-02
CF	ONS-2	L14948-02	3/4/2009	I-131	-4.60E-03	3.90E-03	1.60E-02
CF	ONS-3	L14948-03	3/4/2009	I-131	0.00E+00	4.10E-03	1.70E-02
CF	ONS-4	L14948-04	3/4/2009	I-131	-4.60E-03	4.80E-03	1.90E-02
CF	ONS-5	L14948-05	3/4/2009	I-131	2.00E-03	4.60E-03	1.70E-02
CF	ONS-6	L14948-06	3/4/2009	I-131	4.40E-03	5.20E-03	1.80E-02
CF	NBF	L14948-07	3/4/2009	I-131	2.60E-03	4.70E-03	1.70E-02
CF	SBN	L14948-08	3/4/2009	I-131	-6.30E-03	4.20E-03	2.00E-02
CF	DOW	L14948-09	3/4/2009	I-131	3.20E-03	4.30E-03	1.50E-02
CF	COL	L14948-10	3/4/2009	I-131	5.10E-03	4.70E-03	1.60E-02
CF	ONS-1	L14962-01	3/11/2009	I-131	-1.80E-03	4.50E-03	1.80E-02
CF	ONS-2	L14962-02	3/11/2009	I-131	-1.13E-02	5.50E-03	2.70E-02
CF	ONS-3	L14962-03	3/11/2009	I-131	-4.20E-03	4.30E-03	1.80E-02
CF	ONS-4	L14962-04	3/11/2009	I-131	-5.20E-03	4.30E-03	1.90E-02
CF	ONS-5	L14962-05	3/11/2009	I-131	2.10E-03	4.00E-03	1.50E-02
CF	ONS-6	L14962-06	3/11/2009	I-131	1.09E-02	5.00E-03	1.50E-02
CF	NBF	L14962-07	3/11/2009	I-131	7.30E-03	4.40E-03	1.40E-02
CF	SBN	L14962-08	3/11/2009	I-131	-6.70E-03	4.30E-03	1.80E-02
CF	DOW	L14962-09	3/11/2009	I-131	-1.00E-03	4.50E-03	1.80E-02
CF	COL	L14962-10	3/11/2009	I-131	3.50E-03	4.80E-03	1.70E-02
CF	ONS-1	L14994-01	3/18/2009	I-131	-6.40E-03	5.60E-03	2.30E-02
CF	ONS-2	L14994-02	3/18/2009	I-131	-5.00E-03	5.00E-03	2.20E-02
CF	ONS-3	L14994-03	3/18/2009	I-131	7.10E-03	6.80E-03	2.40E-02
CF	ONS-4	L14994-04	3/18/2009	I-131	-1.18E-02	5.70E-03	2.80E-02
CF	ONS-5	L14994-05	3/18/2009	I-131	3.00E-04	5.60E-03	2.10E-02
CF	ONS-6	L14994-06	3/18/2009	I-131	1.00E-02	5.60E-03	1.80E-02
CF	NBF	L14994-07	3/18/2009	I-131	-2.70E-03	5.10E-03	2.20E-02
CF	SBN	L14994-08	3/18/2009	I-131	-9.90E-03	5.70E-03	2.70E-02
CF	DOW	L14994-09	3/18/2009	I-131	1.20E-03	6.00E-03	2.20E-02
CF	COL	L14994-10	3/18/2009	I-131	-9.40E-03	7.00E-03	2.90E-02
CF	ONS-1	L15013-01	3/25/2009	I-131	-2.20E-03	5.00E-03	2.00E-02
CF	ONS-2	L15013-02	3/25/2009	I-131	0.00E+00	4.90E-03	1.90E-02
CF	ONS-3	L15013-03	3/25/2009	I-131	3.40E-03	4.20E-03	1.50E-02
CF	ONS-4	L15013-04	3/25/2009	I-131	6.80E-03	3.90E-03	1.20E-02
CF	ONS-5	L15013-05	3/25/2009	I-131	-5.00E-03	4.40E-03	1.80E-02
CF	ONS-6	L15013-06	3/25/2009	I-131	4.50E-03	5.50E-03	2.00E-02
CF	NBF	L15013-07	3/25/2009	I-131	-1.20E-03	6.30E-03	2.40E-02
CF	SBN	L15013-08	3/25/2009	I-131	4.30E-03	5.20E-03	1.80E-02
CF	DOW	L15013-09	3/25/2009	I-131	-7.00E-03	4.50E-03	2.10E-02
CF	COL	L15013-10	3/25/2009	I-131	-3.20E-03	5.40E-03	2.20E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L15026-01	4/1/2009	I-131	-8.00E-04	3.20E-03	1.20E-02
CF	ONS-2	L15026-02	4/1/2009	I-131	2.50E-03	3.50E-03	1.30E-02
CF	ONS-3	L15026-03	4/1/2009	I-131	2.50E-03	3.60E-03	1.30E-02
CF	ONS-4	L15026-04	4/1/2009	I-131	5.20E-03	3.50E-03	1.10E-02
CF	ONS-5	L15026-05	4/1/2009	I-131	4.30E-03	4.10E-03	1.40E-02
CF	ONS-6	L15026-06	4/1/2009	I-131	1.00E-04	4.30E-03	1.60E-02
CF	NBF	L15026-07	4/1/2009	I-131	-4.30E-03	3.10E-03	1.40E-02
CF	SBN	L15026-08	4/1/2009	I-131	9.00E-04	4.00E-03	1.50E-02
CF	DOW	L15026-09	4/1/2009	I-131	-2.50E-03	3.40E-03	1.40E-02
CF	COL	L15026-10	4/1/2009	I-131	-5.00E-04	3.40E-03	1.40E-02
CF	ONS-1	L15068-01	4/8/2009	I-131	3.50E-03	4.50E-03	1.60E-02
CF	ONS-2	L15068-02	4/8/2009	I-131	-1.30E-03	3.70E-03	1.60E-02
CF	ONS-3	L15068-03	4/8/2009	I-131	0.00E+00	4.20E-03	1.70E-02
CF	ONS-4	L15068-04	4/8/2009	I-131	5.80E-03	6.00E-03	2.10E-02
CF	ONS-5	L15068-05	4/8/2009	I-131	1.40E-03	5.60E-03	2.10E-02
CF	ONS-6	L15068-06	4/8/2009	I-131	-5.40E-03	4.70E-03	2.10E-02
CF	NBF	L15068-07	4/8/2009	I-131	1.20E-03	6.20E-03	2.30E-02
CF	SBN	L15068-08	4/8/2009	I-131	-2.00E-04	5.50E-03	2.20E-02
CF	DOW	L15068-09	4/8/2009	I-131	-3.20E-03	4.40E-03	1.80E-02
CF	COL	L15068-10	4/8/2009	I-131	-3.40E-03	3.80E-03	1.70E-02
CF	ONS-1	L15092-01	4/15/2009	I-131	5.90E-03	5.60E-03	2.00E-02
CF	ONS-2	L15092-02	4/15/2009	I-131	5.10E-03	4.80E-03	1.70E-02
CF	ONS-3	L15092-03	4/15/2009	I-131	3.00E-04	4.00E-03	1.50E-02
CF	ONS-4	L15092-04	4/15/2009	I-131	-1.10E-03	4.10E-03	1.70E-02
CF	ONS-5	L15092-05	4/15/2009	I-131	-4.30E-03	4.60E-03	2.00E-02
CF	ONS-6	L15092-06	4/15/2009	I-131	5.10E-03	4.50E-03	1.50E-02
CF	NBF	L15092-07	4/15/2009	I-131	1.00E-04	4.30E-03	1.60E-02
CF	SBN	L15092-08	4/15/2009	I-131	4.30E-03	4.60E-03	1.60E-02
CF	DOW	L15092-09	4/15/2009	I-131	3.30E-03	4.30E-03	1.50E-02
CF	COL	L15092-10	4/15/2009	I-131	5.70E-03	3.90E-03	1.30E-02
CF	ONS-1	L15113-01	4/22/2009	I-131	6.90E-03	3.90E-03	1.20E-02
CF	ONS-2	L15113-02	4/22/2009	I-131	2.30E-03	4.00E-03	1.50E-02
CF	ONS-3	L15113-03	4/22/2009	I-131	-8.60E-03	5.30E-03	2.40E-02
CF	ONS-4	L15113-04	4/22/2009	I-131	3.60E-03	4.10E-03	1.40E-02
CF	ONS-5	L15113-05	4/22/2009	I-131	1.10E-03	4.20E-03	1.60E-02
CF	ONS-6	L15113-06	4/22/2009	I-131	-2.40E-03	4.50E-03	1.90E-02
CF	NBF	L15113-07	4/22/2009	I-131	-7.50E-03	4.30E-03	2.10E-02
CF	SBN	L15113-08	4/22/2009	I-131	3.70E-03	4.50E-03	1.60E-02
CF	DOW	L15113-09	4/22/2009	I-131	-1.40E-03	4.10E-03	1.60E-02
CF	COL	L15113-10	4/22/2009	I-131	-8.90E-03	5.00E-03	2.20E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
CF	ONS-1	L15141-01	4/29/2009	I-131	9.00E-04	4.40E-03	1.70E-02
CF	ONS-2	L15141-02	4/29/2009	I-131	-5.80E-03	4.10E-03	1.70E-02
CF	ONS-3	L15141-03	4/29/2009	I-131	2.30E-03	4.80E-03	1.80E-02
CF	ONS-4	L15141-04	4/29/2009	I-131	9.70E-03	4.20E-03	1.10E-02
CF	ONS-5	L15141-05	4/29/2009	I-131	-3.60E-03	4.80E-03	1.90E-02
CF	ONS-6	L15141-06	4/29/2009	I-131	4.00E-04	5.40E-03	2.00E-02
CF	NBF	L15141-07	4/29/2009	I-131	-4.70E-03	4.40E-03	2.00E-02
CF	SBN	L15141-08	4/29/2009	I-131	-9.70E-03	4.80E-03	2.30E-02
CF	DOW	L15141-09	4/29/2009	I-131	-3.30E-03	4.50E-03	1.80E-02
CF	COL	L15141-10	4/29/2009	I-131	2.50E-03	4.90E-03	1.80E-02
CF	ONS-1	L15178-01	5/6/2009	I-131	6.10E-03	5.00E-03	1.70E-02
CF	ONS-2	L15178-02	5/6/2009	I-131	-1.80E-03	4.60E-03	1.80E-02
CF	ONS-3	L15178-03	5/6/2009	I-131	2.50E-03	5.00E-03	1.90E-02
CF	ONS-4	L15178-04	5/6/2009	I-131	9.10E-03	5.00E-03	1.60E-02
CF	ONS-5	L15178-05	5/6/2009	I-131	-1.20E-03	4.40E-03	1.80E-02
CF	ONS-6	L15178-06	5/6/2009	I-131	-1.90E-03	4.40E-03	1.80E-02
CF	NBF	L15178-07	5/6/2009	I-131	3.90E-03	5.60E-03	2.00E-02
CF	SBN	L15178-08	5/6/2009	I-131	0.00E+00	4.60E-03	1.90E-02
CF	DOW	L15178-09	5/6/2009	I-131	-1.22E-02	3.90E-03	1.80E-02
CF	COL	L15178-10	5/6/2009	I-131	-6.90E-03	5.30E-03	2.20E-02
CF	ONS-1	L15198-01	5/13/2009	I-131	2.70E-03	5.80E-03	2.20E-02
CF	ONS-2	L15198-02	5/13/2009	I-131	2.80E-03	4.70E-03	1.70E-02
CF	ONS-3	L15198-03	5/13/2009	I-131	1.00E-04	4.60E-03	1.70E-02
CF	ONS-4	L15198-04	5/13/2009	I-131	4.80E-03	3.80E-03	1.30E-02
CF	ONS-5	L15198-05	5/13/2009	I-131	-3.90E-03	4.70E-03	2.10E-02
CF	ONS-6	L15198-06	5/13/2009	I-131	-4.00E-03	5.30E-03	2.10E-02
CF	NBF	L15198-07	5/13/2009	I-131	-2.10E-03	5.30E-03	2.10E-02
CF	SBN	L15198-08	5/13/2009	I-131	-8.70E-03	6.20E-03	2.70E-02
CF	DOW	L15198-09	5/13/2009	I-131	-1.20E-03	5.60E-03	2.20E-02
CF	COL	L15198-10	5/13/2009	I-131	2.90E-03	4.90E-03	1.80E-02
CF	ONS-1	L15230-01	5/20/2009	I-131	-6.40E-03	5.60E-03	2.30E-02
CF	ONS-2	L15230-02	5/20/2009	I-131	1.60E-03	5.20E-03	1.90E-02
CF	ONS-3	L15230-03	5/20/2009	I-131	1.90E-03	5.10E-03	1.90E-02
CF	ONS-4	L15230-04	5/20/2009	I-131	6.50E-03	5.10E-03	1.70E-02
CF	ONS-5	L15230-05	5/20/2009	I-131	-3.30E-03	6.00E-03	2.40E-02
CF	ONS-6	L15230-06	5/20/2009	I-131	0.00E+00	6.50E-03	2.40E-02
CF	NBF	L15230-07	5/20/2009	I-131	-6.20E-03	5.10E-03	2.20E-02
CF	SBN	L15230-08	5/20/2009	I-131	-1.10E-03	5.30E-03	2.00E-02
CF	DOW	L15230-09	5/20/2009	I-131	-8.70E-03	5.40E-03	2.40E-02
CF	COL	L15230-10	5/20/2009	I-131	-2.00E-03	6.20E-03	2.40E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
CF	ONS-1	L15253-01	5/27/2009	I-131	-5.80E-03	5.50E-03	2.30E-02
CF	ONS-2	L15253-02	5/27/2009	I-131	3.60E-03	4.70E-03	1.70E-02
CF	ONS-3	L15253-03	5/27/2009	I-131	-3.40E-03	3.60E-03	1.60E-02
CF	ONS-4	L15253-04	5/27/2009	I-131	-4.70E-03	5.20E-03	2.10E-02
CF	ONS-5	L15253-05	5/27/2009	I-131	-2.70E-03	4.00E-03	1.60E-02
CF	ONS-6	L15253-06	5/27/2009	I-131	2.60E-03	5.10E-03	1.90E-02
CF	NBF	L15253-07	5/27/2009	I-131	-1.14E-02	4.60E-03	2.10E-02
CF	SBN	L15253-08	5/27/2009	I-131	1.20E-03	4.80E-03	1.90E-02
CF	DOW	L15253-09	5/27/2009	I-131	2.30E-03	3.60E-03	1.40E-02
CF	COL	L15253-10	5/27/2009	I-131	3.50E-03	4.80E-03	1.70E-02
CF	ONS-1	L15273-01	6/3/2009	I-131	-7.60E-03	3.60E-03	1.80E-02
CF	ONS-2	L15273-02	6/3/2009	I-131	-1.02E-02	4.70E-03	2.20E-02
CF	ONS-3	L15273-03	6/3/2009	I-131	2.40E-03	4.20E-03	1.50E-02
CF	ONS-4	L15273-04	6/3/2009	I-131	6.10E-03	3.90E-03	1.30E-02
CF	ONS-5	L15273-05	6/3/2009	I-131	-3.20E-03	4.20E-03	1.80E-02
CF	ONS-6	L15273-06	6/3/2009	I-131	6.70E-03	4.20E-03	1.30E-02
CF	NBF	L15273-07	6/3/2009	I-131	8.00E-04	4.30E-03	1.60E-02
CF	SBN	L15273-08	6/3/2009	I-131	6.70E-03	4.60E-03	1.50E-02
CF	DOW	L15273-09	6/3/2009	I-131	3.60E-03	4.90E-03	1.80E-02
CF	COL	L15273-10	6/3/2009	I-131	-1.80E-03	4.20E-03	1.70E-02
CF	ONS-1	L15294-01	6/10/2009	I-131	-4.10E-03	3.00E-03	1.40E-02
CF	ONS-2	L15294-02	6/10/2009	I-131	-3.30E-03	2.90E-03	1.30E-02
CF	ONS-3	L15294-03	6/10/2009	I-131	8.20E-03	3.20E-03	8.90E-03
CF	ONS-4	L15294-04	6/10/2009	I-131	-6.60E-03	2.90E-03	1.30E-02
CF	ONS-5	L15294-05	6/10/2009	I-131	-4.80E-03	3.80E-03	1.60E-02
CF	ONS-6	L15294-06	6/10/2009	I-131	4.30E-03	3.30E-03	1.10E-02
CF	NBF	L15294-07	6/10/2009	I-131	1.90E-03	2.90E-03	1.00E-02
CF	SBN	L15294-08	6/10/2009	I-131	-5.00E-03	3.90E-03	1.60E-02
CF	DOW	L15294-09	6/10/2009	I-131	9.00E-04	3.30E-03	1.30E-02
CF	COL	L15294-10	6/10/2009	I-131	-6.10E-03	3.40E-03	1.60E-02
CF	ONS-1	L15317-01	6/17/2009	I-131	1.30E-03	4.20E-03	1.60E-02
CF	ONS-2	L15317-02	6/17/2009	I-131	-2.10E-03	4.30E-03	1.80E-02
CF	ONS-3	L15317-03	6/17/2009	I-131	-2.30E-03	4.10E-03	1.80E-02
CF	ONS-4	L15317-04	6/17/2009	I-131	-9.00E-04	3.80E-03	1.50E-02
CF	ONS-5	L15317-05	6/17/2009	I-131	3.00E-04	5.00E-03	1.90E-02
CF	ONS-6	L15317-06	6/17/2009	I-131	-4.40E-03	4.70E-03	2.00E-02
CF	NBF	L15317-07	6/17/2009	I-131	-3.60E-03	4.30E-03	1.90E-02
CF	SBN	L15317-08	6/17/2009	I-131	3.60E-03	3.80E-03	1.30E-02
CF	DOW	L15317-09	6/17/2009	I-131	3.30E-03	4.80E-03	1.80E-02
CF	COL	L15317-10	6/17/2009	I-131	9.50E-03	4.70E-03	1.40E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L15346-01	6/24/2009	I-131	-4.70E-03	4.50E-03	1.90E-02
CF	ONS-2	L15346-02	6/24/2009	I-131	7.40E-03	4.30E-03	1.40E-02
CF	ONS-3	L15346-03	6/24/2009	I-131	0.00E+00	4.20E-03	1.70E-02
CF	ONS-4	L15346-04	6/24/2009	I-131	5.00E-03	4.70E-03	1.60E-02
CF	ONS-5	L15346-05	6/24/2009	I-131	2.70E-03	3.90E-03	1.40E-02
CF	ONS-6	L15346-06	6/24/2009	I-131	-8.00E-04	4.50E-03	1.70E-02
CF	NBF	L15346-07	6/24/2009	I-131	3.50E-03	3.80E-03	1.40E-02
CF	SBN	L15346-08	6/24/2009	I-131	4.90E-03	4.60E-03	1.60E-02
CF	DOW	L15346-09	6/24/2009	I-131	-9.00E-04	3.90E-03	1.60E-02
CF	COL	L15346-10	6/24/2009	I-131	0.00E+00	3.60E-03	1.50E-02
CF	ONS-1	L15376-01	7/1/2009	I-131	-9.50E-03	5.60E-03	2.60E-02
CF	ONS-2	L15376-02	7/1/2009	I-131	-1.20E-03	5.60E-03	2.20E-02
CF	ONS-3	L15376-03	7/1/2009	I-131	-9.20E-03	4.40E-03	2.20E-02
CF	ONS-4	L15376-04	7/1/2009	I-131	1.00E-03	6.10E-03	2.30E-02
CF	ONS-5	L15376-05	7/1/2009	I-131	0.00E+00	7.40E-03	3.00E-02
CF	ONS-6	L15376-06	7/1/2009	I-131	-9.30E-03	5.20E-03	2.40E-02
CF	NBF	L15376-07	7/1/2009	I-131	6.00E-03	4.30E-03	1.40E-02
CF	SBN	L15376-08	7/1/2009	I-131	-1.03E-02	5.40E-03	2.50E-02
CF	DOW	L15376-09	7/1/2009	I-131	2.80E-03	6.50E-03	2.40E-02
CF	COL	L15376-10	7/1/2009	I-131	-2.00E-03	4.50E-03	1.80E-02
CF	ONS-1	L15406-01	7/8/2009	I-131	4.60E-03	3.40E-03	1.10E-02
CF	ONS-2	L15406-02	7/8/2009	I-131	-1.10E-03	4.40E-03	1.80E-02
CF	ONS-3	L15406-03	7/8/2009	I-131	-1.08E-02	5.80E-03	2.60E-02
CF	ONS-4	L15406-04	7/8/2009	I-131	4.60E-03	3.50E-03	1.20E-02
CF	ONS-5	L15406-05	7/8/2009	I-131	1.90E-03	4.70E-03	1.70E-02
CF	ONS-6	L15406-06	7/8/2009	I-131	1.10E-03	4.30E-03	1.70E-02
CF	NBF	L15406-07	7/8/2009	I-131	-1.20E-03	4.00E-03	1.70E-02
CF	SBN	L15406-08	7/8/2009	I-131	0.00E+00	4.00E-03	1.60E-02
CF	DOW	L15406-09	7/8/2009	I-131	2.90E-03	4.70E-03	1.70E-02
CF	COL	L15406-10	7/8/2009	I-131	-1.00E-03	4.70E-03	1.90E-02
CF	ONS-1	L15435-01	7/15/2009	I-131	1.10E-03	4.40E-03	1.60E-02
CF	ONS-2	L15435-02	7/15/2009	I-131	4.60E-03	4.30E-03	1.50E-02
CF	ONS-3	L15435-03	7/15/2009	I-131	-2.40E-03	4.80E-03	2.00E-02
CF	ONS-4	L15435-04	7/15/2009	I-131	-6.10E-03	3.80E-03	1.70E-02
CF	ONS-5	L15435-05	7/15/2009	I-131	5.60E-03	4.00E-03	1.30E-02
CF	ONS-6	L15435-06	7/15/2009	I-131	1.46E-02	5.40E-03	1.50E-02
CF	NBF	L15435-07	7/15/2009	I-131	7.20E-03	4.50E-03	1.40E-02
CF	SBN	L15435-08	7/15/2009	I-131	-2.70E-03	3.90E-03	1.60E-02
CF	DOW	L15435-09	7/15/2009	I-131	1.70E-03	3.10E-03	1.20E-02
CF	COL	L15435-10	7/15/2009	I-131	-2.30E-03	4.80E-03	2.00E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L15464-01	7/22/2009	I-131	0.00E+00	4.90E-03	2.00E-02
CF	ONS-2	L15464-02	7/22/2009	I-131	1.05E-02	4.80E-03	1.40E-02
CF	ONS-3	L15464-03	7/22/2009	I-131	4.80E-03	4.50E-03	1.60E-02
CF	ONS-4	L15464-04	7/22/2009	I-131	5.10E-03	5.10E-03	1.80E-02
CF	ONS-5	L15464-05	7/22/2009	I-131	-6.80E-03	4.20E-03	2.00E-02
CF	ONS-6	L15464-06	7/22/2009	I-131	3.60E-03	4.30E-03	1.60E-02
CF	NBF	L15464-07	7/22/2009	I-131	5.30E-03	4.70E-03	1.60E-02
CF	SBN	L15464-08	7/22/2009	I-131	-8.00E-03	4.40E-03	2.10E-02
CF	DOW	L15464-09	7/22/2009	I-131	0.00E+00	4.20E-03	1.70E-02
CF	COL	L15464-10	7/22/2009	I-131	3.70E-03	5.10E-03	1.90E-02
CF	ONS-1	L15480-01	7/29/2009	I-131	-1.20E-03	5.00E-03	2.00E-02
CF	ONS-2	L15480-02	7/29/2009	I-131	-6.50E-03	4.30E-03	1.90E-02
CF	ONS-3	L15480-03	7/29/2009	I-131	-4.60E-03	4.70E-03	1.90E-02
CF	ONS-4	L15480-04	7/29/2009	I-131	-5.00E-03	5.00E-03	2.20E-02
CF	ONS-5	L15480-05	7/29/2009	I-131	-2.70E-03	5.00E-03	2.10E-02
CF	ONS-6	L15480-06	7/29/2009	I-131	0.00E+00	4.70E-03	1.80E-02
CF	NBF	L15480-07	7/29/2009	I-131	-2.80E-03	4.80E-03	1.90E-02
CF	SBN	L15480-08	7/29/2009	I-131	-1.20E-03	6.50E-03	2.50E-02
CF	DOW	L15480-09	7/29/2009	I-131	-5.20E-03	4.90E-03	2.20E-02
CF	COL	L15480-10	7/29/2009	I-131	0.00E+00	4.90E-03	1.90E-02
CF	ONS-1	L15515-01	8/5/2009	I-131	0.00E+00	3.80E-03	1.60E-02
CF	ONS-2	L15515-02	8/5/2009	I-131	0.00E+00	4.40E-03	1.80E-02
CF	ONS-3	L15515-03	8/5/2009	I-131	-7.70E-03	4.10E-03	1.90E-02
CF	ONS-4	L15515-04	8/5/2009	I-131	2.90E-03	3.60E-03	1.30E-02
CF	ONS-5	L15515-05	8/5/2009	I-131	0.00E+00	5.30E-03	2.10E-02
CF	ONS-6	L15515-06	8/5/2009	I-131	0.00E+00	5.50E-03	2.20E-02
CF	NBF	L15515-07	8/5/2009	I-131	2.00E-03	4.40E-03	1.70E-02
CF	SBN	L15515-08	8/5/2009	I-131	3.80E-03	5.50E-03	2.00E-02
CF	DOW	L15515-09	8/5/2009	I-131	5.00E-03	4.00E-03	1.30E-02
CF	COL	L15515-10	8/5/2009	I-131	6.50E-03	5.40E-03	1.80E-02
CF	ONS-1	L15530-01	8/12/2009	I-131	1.10E-03	4.60E-03	1.80E-02
CF	ONS-2	L15530-02	8/12/2009	I-131	0.00E+00	3.70E-03	1.50E-02
CF	ONS-3	L15530-03	8/12/2009	I-131	1.80E-03	4.50E-03	1.70E-02
CF	ONS-4	L15530-04	8/12/2009	I-131	-2.30E-03	4.60E-03	1.90E-02
CF	ONS-5	L15530-05	8/12/2009	I-131	7.40E-03	5.50E-03	1.90E-02
CF	ONS-6	L15530-06	8/12/2009	I-131	3.60E-03	4.40E-03	1.60E-02
CF	NBF	L15530-07	8/12/2009	I-131	1.00E-03	4.70E-03	1.70E-02
CF	SBN	L15530-08	8/12/2009	I-131	-1.15E-02	5.40E-03	2.50E-02
CF	DOW	L15530-09	8/12/2009	I-131	-1.20E-03	4.40E-03	1.80E-02
CF	COL	L15530-10	8/12/2009	I-131	4.40E-03	5.00E-03	1.80E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
CF	ONS-1	L15555-01	8/19/2009	I-131	-9.00E-04	4.40E-03	1.70E-02
CF	ONS-2	L15555-02	8/19/2009	I-131	-8.90E-03	4.50E-03	2.00E-02
CF	ONS-3	L15555-03	8/19/2009	I-131	-4.30E-03	4.10E-03	1.80E-02
CF	ONS-4	L15555-04	8/19/2009	I-131	-3.70E-03	4.80E-03	2.10E-02
CF	ONS-5	L15555-05	8/19/2009	I-131	2.80E-03	4.00E-03	1.50E-02
CF	ONS-6	L15555-06	8/19/2009	I-131	6.00E-03	5.20E-03	1.80E-02
CF	NBF	L15555-07	8/19/2009	I-131	-2.40E-03	3.70E-03	1.70E-02
CF	SBN	L15555-08	8/19/2009	I-131	9.80E-03	4.60E-03	1.30E-02
CF	DOW	L15555-09	8/19/2009	I-131	-3.60E-03	4.60E-03	1.90E-02
CF	COL	L15555-10	8/19/2009	I-131	-1.90E-03	3.50E-03	1.50E-02
CF	ONS-1	L15592-01	8/26/2009	I-131	-2.90E-03	5.10E-03	2.00E-02
CF	ONS-2	L15592-02	8/26/2009	I-131	6.80E-03	4.60E-03	1.50E-02
CF	ONS-3	L15592-03	8/26/2009	I-131	4.30E-03	4.30E-03	1.60E-02
CF	ONS-4	L15592-04	8/26/2009	I-131	5.20E-03	4.90E-03	1.70E-02
CF	ONS-5	L15592-05	8/26/2009	I-131	4.30E-03	5.90E-03	2.10E-02
CF	ONS-6	L15592-06	8/26/2009	I-131	1.50E-03	5.20E-03	2.00E-02
CF	NBF	L15592-07	8/26/2009	I-131	-4.70E-03	6.10E-03	2.60E-02
CF	SBN	L15592-08	8/26/2009	I-131	0.00E+00	4.80E-03	1.90E-02
CF	DOW	L15592-09	8/26/2009	I-131	3.00E-04	8.10E-03	3.10E-02
CF	COL	L15592-10	8/26/2009	I-131	-2.00E-03	7.30E-03	3.00E-02
CF	ONS-1	L15616-01	9/2/2009	I-131	3.40E-03	4.10E-03	1.50E-02
CF	ONS-2	L15616-02	9/2/2009	I-131	1.20E-03	2.70E-03	1.10E-02
CF	ONS-3	L15616-03	9/2/2009	I-131	-5.10E-03	5.70E-03	2.40E-02
CF	ONS-4	L15616-04	9/2/2009	I-131	-1.00E-03	4.40E-03	1.70E-02
CF	ONS-5	L15616-05	9/2/2009	I-131	6.90E-03	4.50E-03	1.50E-02
CF	ONS-6	L15616-06	9/2/2009	I-131	0.00E+00	4.90E-03	2.00E-02
CF	NBF	L15616-07	9/2/2009	I-131	4.10E-03	5.60E-03	2.00E-02
CF	SBN	L15616-08	9/2/2009	I-131	-1.00E-03	4.60E-03	1.80E-02
CF	DOW	L15616-09	9/2/2009	I-131	2.60E-03	4.20E-03	1.50E-02
CF	COL	L15616-10	9/2/2009	I-131	6.10E-03	4.00E-03	1.30E-02
CF	ONS-1	L15640-01	9/9/2009	I-131	-4.00E-04	5.10E-03	1.90E-02
CF	ONS-2	L15640-02	9/9/2009	I-131	-1.20E-03	3.70E-03	1.60E-02
CF	ONS-3	L15640-03	9/9/2009	I-131	2.60E-03	4.60E-03	1.70E-02
CF	ONS-4	L15640-04	9/9/2009	I-131	-5.00E-03	5.80E-03	2.30E-02
CF	ONS-5	L15640-05	9/9/2009	I-131	-3.70E-03	4.50E-03	1.80E-02
CF	ONS-6	L15640-06	9/9/2009	I-131	5.00E-03	4.30E-03	1.50E-02
CF	NBF	L15640-07	9/9/2009	I-131	1.40E-03	4.90E-03	1.90E-02
CF	SBN	L15640-08	9/9/2009	I-131	-7.70E-03	4.70E-03	2.00E-02
CF	DOW	L15640-09	9/9/2009	I-131	-2.20E-03	5.10E-03	2.00E-02
CF	COL	L15640-10	9/9/2009	I-131	-1.20E-03	4.70E-03	1.90E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L15664-01	9/16/2009	I-131	6.50E-03	4.40E-03	1.50E-02
CF	ONS-2	L15664-02	9/16/2009	I-131	-2.40E-03	5.40E-03	2.20E-02
CF	ONS-3	L15664-03	9/16/2009	I-131	-5.20E-03	5.60E-03	2.40E-02
CF	ONS-4	L15664-04	9/16/2009	I-131	2.00E-03	5.40E-03	2.00E-02
CF	ONS-5	L15664-05	9/16/2009	I-131	6.10E-03	5.10E-03	1.70E-02
CF	ONS-6	L15664-06	9/16/2009	I-131	6.80E-03	4.10E-03	1.30E-02
CF	NBF	L15664-07	9/16/2009	I-131	-7.20E-03	4.90E-03	2.10E-02
CF	SBN	L15664-08	9/16/2009	I-131	2.50E-03	3.90E-03	1.50E-02
CF	DOW	L15664-09	9/16/2009	I-131	1.30E-03	5.00E-03	2.00E-02
CF	COL	L15664-10	9/16/2009	I-131	-1.34E-02	5.10E-03	2.30E-02
CF	ONS-1	L15691-01	9/23/2009	I-131	-7.20E-03	6.90E-03	2.90E-02
CF	ONS-2	L15691-02	9/23/2009	I-131	-4.20E-03	5.90E-03	2.40E-02
CF	ONS-3	L15691-03	9/23/2009	I-131	-3.30E-03	6.60E-03	2.50E-02
CF	ONS-4	L15691-04	9/23/2009	I-131	1.30E-03	5.80E-03	2.20E-02
CF	ONS-5	L15691-05	9/23/2009	I-131	-1.40E-03	6.60E-03	2.60E-02
CF	ONS-6	L15691-06	9/23/2009	I-131	-2.10E-03	6.40E-03	2.50E-02
CF	NBF	L15691-07	9/23/2009	I-131	9.00E-04	5.70E-03	2.10E-02
CF	SBN	L15691-08	9/23/2009	I-131	9.40E-03	6.70E-03	2.20E-02
CF	DOW	L15691-09	9/23/2009	I-131	0.00E+00	6.10E-03	2.40E-02
CF	COL	L15691-10	9/23/2009	I-131	6.30E-03	6.10E-03	2.10E-02
CF	ONS-1	L15726-01	9/30/2009	I-131	-2.00E-03	4.70E-03	1.80E-02
CF	ONS-2	L15726-02	9/30/2009	I-131	2.20E-03	3.50E-03	1.30E-02
CF	ONS-3	L15726-03	9/30/2009	I-131	2.40E-03	5.80E-03	2.10E-02
CF	ONS-4	L15726-04	9/30/2009	I-131	0.00E+00	5.60E-03	2.20E-02
CF	ONS-5	L15726-05	9/30/2009	I-131	1.30E-03	6.80E-03	2.60E-02
CF	ONS-6	L15726-06	9/30/2009	I-131	-5.00E-03	5.60E-03	2.40E-02
CF	NBF	L15726-07	9/30/2009	I-131	6.50E-03	5.40E-03	1.80E-02
CF	SBN	L15726-08	9/30/2009	I-131	-1.20E-03	4.40E-03	1.80E-02
CF	DOW	L15726-09	9/30/2009	I-131	5.40E-03	5.10E-03	1.80E-02
CF	COL	L15726-10	9/30/2009	I-131	4.90E-03	4.60E-03	1.60E-02
CF	ONS-1	L15747-01	10/7/2009	I-131	-1.50E-03	7.00E-03	2.80E-02
CF	ONS-2	L15747-02	10/7/2009	I-131	1.30E-03	5.50E-03	2.10E-02
CF	ONS-3	L15747-03	10/7/2009	I-131	-8.90E-03	6.60E-03	2.90E-02
CF	ONS-4	L15747-04	10/7/2009	I-131	-2.80E-03	7.10E-03	2.80E-02
CF	ONS-5	L15747-05	10/7/2009	I-131	1.50E-03	6.00E-03	2.30E-02
CF	ONS-6	L15747-06	10/7/2009	I-131	3.80E-03	6.40E-03	2.30E-02
CF	NBF	L15747-07	10/7/2009	I-131	-2.90E-03	7.10E-03	2.80E-02
CF	SBN	L15747-08	10/7/2009	I-131	1.04E-02	6.80E-03	2.20E-02
CF	DOW	L15747-09	10/7/2009	I-131	4.50E-03	7.50E-03	2.70E-02
CF	COL	L15747-10	10/7/2009	I-131	-6.20E-03	6.60E-03	2.80E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/m <sup>3</sup> )	MDC (pCi/m <sup>3</sup> )
CF	ONS-1	L15773-01	10/14/2009	I-131	2.70E-03	5.70E-03	2.10E-02
CF	ONS-2	L15773-02	10/14/2009	I-131	-6.60E-03	5.10E-03	2.10E-02
CF	ONS-3	L15773-03	10/14/2009	I-131	-4.00E-04	5.30E-03	2.00E-02
CF	ONS-4	L15773-04	10/14/2009	I-131	6.30E-03	5.20E-03	1.80E-02
CF	ONS-5	L15773-05	10/14/2009	I-131	7.70E-03	6.30E-03	2.10E-02
CF	ONS-6	L15773-06	10/14/2009	I-131	-3.00E-03	4.80E-03	1.90E-02
CF	NBF	L15773-07	10/14/2009	I-131	-1.30E-03	5.20E-03	2.00E-02
CF	SBN	L15773-08	10/14/2009	I-131	6.10E-03	5.00E-03	1.70E-02
CF	DOW	L15773-09	10/14/2009	I-131	0.00E+00	5.70E-03	2.30E-02
CF	COL	L15773-10	10/14/2009	I-131	4.80E-03	5.30E-03	1.90E-02
CF	ONS-1	L15793-01	10/21/2009	I-131	8.00E-03	5.10E-03	1.70E-02
CF	ONS-2	L15793-02	10/21/2009	I-131	2.80E-03	3.40E-03	1.20E-02
CF	ONS-3	L15793-03	10/21/2009	I-131	2.10E-03	4.20E-03	1.60E-02
CF	ONS-4	L15793-04	10/21/2009	I-131	-1.10E-03	5.00E-03	2.00E-02
CF	ONS-5	L15793-05	10/21/2009	I-131	2.40E-03	5.30E-03	1.90E-02
CF	ONS-6	L15793-06	10/21/2009	I-131	-9.10E-03	5.00E-03	2.10E-02
CF	NBF	L15793-07	10/21/2009	I-131	4.00E-03	4.50E-03	1.60E-02
CF	SBN	L15793-08	10/21/2009	I-131	-1.10E-03	4.30E-03	1.80E-02
CF	DOW	L15793-09	10/21/2009	I-131	-9.00E-04	4.70E-03	1.80E-02
CF	COL	L15793-10	10/21/2009	I-131	4.10E-03	5.20E-03	1.80E-02
CF	ONS-1	L15839-01	10/28/2009	I-131	-3.60E-03	5.70E-03	2.30E-02
CF	ONS-2	L15839-02	10/28/2009	I-131	2.30E-03	5.60E-03	2.10E-02
CF	ONS-3	L15839-03	10/28/2009	I-131	1.30E-03	4.80E-03	1.90E-02
CF	ONS-4	L15839-04	10/28/2009	I-131	-3.30E-03	3.70E-03	1.70E-02
CF	ONS-5	L15839-05	10/28/2009	I-131	-3.70E-03	5.60E-03	2.30E-02
CF	ONS-6	L15839-06	10/28/2009	I-131	5.80E-03	5.30E-03	1.90E-02
CF	NBF	L15839-07	10/28/2009	I-131	-2.40E-03	4.80E-03	2.00E-02
CF	SBN	L15839-08	10/28/2009	I-131	-1.20E-03	5.40E-03	2.10E-02
CF	DOW	L15839-09	10/28/2009	I-131	-6.20E-03	5.40E-03	2.30E-02
CF	COL	L15839-10	10/28/2009	I-131	3.30E-03	4.50E-03	1.70E-02
CF	ONS-1	L15873-01	11/4/2009	I-131	-1.70E-03	4.80E-03	2.00E-02
CF	ONS-2	L15873-02	11/4/2009	I-131	4.20E-03	5.80E-03	2.10E-02
CF	ONS-3	L15873-03	11/4/2009	I-131	-4.10E-03	5.80E-03	2.30E-02
CF	ONS-4	L15873-04	11/4/2009	I-131	-1.10E-03	5.20E-03	2.00E-02
CF	ONS-5	L15873-05	11/4/2009	I-131	2.80E-03	4.70E-03	1.70E-02
CF	ONS-6	L15873-06	11/4/2009	I-131	4.60E-03	5.50E-03	2.00E-02
CF	NBF	L15873-07	11/4/2009	I-131	-8.50E-03	5.70E-03	2.50E-02
CF	SBN	L15873-08	11/4/2009	I-131	-1.10E-03	4.60E-03	1.80E-02
CF	DOW	L15873-09	11/4/2009	I-131	8.20E-03	5.00E-03	1.60E-02
CF	COL	L15873-10	11/4/2009	I-131	0.00E+00	4.40E-03	1.90E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L15893-01	11/11/2009	I-131	-1.20E-03	4.30E-03	1.80E-02
CF	ONS-2	L15893-02	11/11/2009	I-131	-2.80E-03	3.70E-03	1.60E-02
CF	ONS-3	L15893-03	11/11/2009	I-131	7.30E-03	5.10E-03	1.70E-02
CF	ONS-4	L15893-04	11/11/2009	I-131	-2.40E-03	4.90E-03	2.00E-02
CF	ONS-5	L15893-05	11/11/2009	I-131	-6.70E-03	4.70E-03	2.10E-02
CF	ONS-6	L15893-06	11/11/2009	I-131	2.90E-03	6.10E-03	2.30E-02
CF	NBF	L15893-07	11/11/2009	I-131	-1.40E-03	4.70E-03	1.90E-02
CF	SBN	L15893-08	11/11/2009	I-131	-3.80E-03	4.90E-03	2.10E-02
CF	DOW	L15893-09	11/11/2009	I-131	4.70E-03	4.10E-03	1.40E-02
CF	COL	L15893-10	11/11/2009	I-131	7.20E-03	4.70E-03	1.50E-02
CF	ONS-1	L15915-01	11/18/2009	I-131	1.40E-03	8.90E-03	3.30E-02
CF	ONS-2	L15915-02	11/18/2009	I-131	-6.00E-03	9.20E-03	3.60E-02
CF	ONS-3	L15915-03	11/18/2009	I-131	1.50E-03	6.70E-03	2.50E-02
CF	ONS-4	L15915-04	11/18/2009	I-131	6.20E-03	9.10E-03	3.30E-02
CF	ONS-5	L15915-05	11/18/2009	I-131	9.10E-03	8.50E-03	2.90E-02
CF	ONS-6	L15915-06	11/18/2009	I-131	6.00E-03	1.00E-02	3.70E-02
CF	NBF	L15915-07	11/18/2009	I-131	1.39E-02	6.40E-03	1.90E-02
CF	SBN	L15915-08	11/18/2009	I-131	-1.76E-02	9.80E-03	4.10E-02
CF	DOW	L15915-09	11/18/2009	I-131	-1.00E-02	1.00E-02	4.20E-02
CF	COL	L15915-10	11/18/2009	I-131	-1.14E-02	8.20E-03	3.80E-02
CF	ONS-1	L15935-01	11/25/2009	I-131	-4.00E-03	5.40E-03	2.20E-02
CF	ONS-2	L15935-02	11/25/2009	I-131	9.00E-04	5.40E-03	2.10E-02
CF	ONS-3	L15935-03	11/25/2009	I-131	-2.90E-03	7.00E-03	2.80E-02
CF	ONS-4	L15935-04	11/25/2009	I-131	6.40E-03	5.90E-03	2.00E-02
CF	ONS-5	L15935-05	11/25/2009	I-131	2.10E-03	5.80E-03	2.10E-02
CF	ONS-6	L15935-06	11/25/2009	I-131	-3.50E-03	4.70E-03	2.10E-02
CF	NBF	L15935-07	11/25/2009	I-131	4.20E-03	7.00E-03	2.50E-02
CF	SBN	L15935-08	11/25/2009	I-131	2.10E-03	5.50E-03	2.00E-02
CF	DOW	L15935-09	11/25/2009	I-131	7.20E-03	5.10E-03	1.70E-02
CF	COL	L15935-10	11/25/2009	I-131	-7.60E-03	5.70E-03	2.50E-02
CF	ONS-1	L15961-01	12/2/2009	I-131	2.00E-04	5.30E-03	2.10E-02
CF	ONS-2	L15961-02	12/2/2009	I-131	-3.90E-03	6.20E-03	2.50E-02
CF	ONS-3	L15961-03	12/2/2009	I-131	-9.00E-04	4.50E-03	1.80E-02
CF	ONS-4	L15961-04	12/2/2009	I-131	2.70E-03	4.10E-03	1.50E-02
CF	ONS-5	L15961-05	12/2/2009	I-131	-6.00E-03	4.80E-03	2.10E-02
CF	ONS-6	L15961-06	12/2/2009	I-131	-2.60E-03	6.70E-03	2.70E-02
CF	NBF	L15961-07	12/2/2009	I-131	-1.00E-03	4.90E-03	1.90E-02
CF	SBN	L15961-08	12/2/2009	I-131	-2.80E-03	5.10E-03	2.00E-02
CF	DOW	L15961-09	12/2/2009	I-131	-6.00E-04	4.40E-03	1.80E-02
CF	COL	L15961-10	12/2/2009	I-131	1.30E-03	5.90E-03	2.30E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m <sup>3</sup> )	STD.DEV. (pCi/ m <sup>3</sup> )	MDC (pCi/ m <sup>3</sup> )
CF	ONS-1	L15982-01	12/9/2009	I-131	-4.20E-03	4.50E-03	2.00E-02
CF	ONS-2	L15982-02	12/9/2009	I-131	-9.00E-03	5.30E-03	2.40E-02
CF	ONS-3	L15982-03	12/9/2009	I-131	-4.10E-03	4.00E-03	1.80E-02
CF	ONS-4	L15982-04	12/9/2009	I-131	4.50E-03	4.50E-03	1.60E-02
CF	ONS-5	L15982-05	12/9/2009	I-131	6.00E-04	4.70E-03	1.90E-02
CF	ONS-6	L15982-06	12/9/2009	I-131	3.40E-03	5.20E-03	1.90E-02
CF	NBF	L15982-07	12/9/2009	I-131	-8.80E-03	5.80E-03	2.40E-02
CF	SBN	L15982-08	12/9/2009	I-131	-3.70E-03	3.70E-03	1.60E-02
CF	DOW	L15982-09	12/9/2009	I-131	-2.60E-03	4.60E-03	1.90E-02
CF	COL	L15982-10	12/9/2009	I-131	-5.80E-03	4.60E-03	2.10E-02
CF	ONS-1	L16001-01	12/16/2009	I-131	-3.20E-03	4.20E-03	1.90E-02
CF	ONS-2	L16001-02	12/16/2009	I-131	-4.00E-03	4.10E-03	1.90E-02
CF	ONS-3	L16001-03	12/16/2009	I-131	9.30E-03	4.70E-03	1.40E-02
CF	ONS-4	L16001-04	12/16/2009	I-131	2.20E-03	3.70E-03	1.40E-02
CF	ONS-5	L16001-05	12/16/2009	I-131	-3.20E-03	4.30E-03	1.90E-02
CF	ONS-6	L16001-06	12/16/2009	I-131	-4.00E-04	5.00E-03	2.00E-02
CF	NBF	L16001-07	12/16/2009	I-131	3.80E-03	5.90E-03	2.10E-02
CF	SBN	L16001-08	12/16/2009	I-131	-4.00E-03	5.80E-03	2.50E-02
CF	DOW	L16001-09	12/16/2009	I-131	2.10E-03	4.20E-03	1.40E-02
CF	COL	L16001-10	12/16/2009	I-131	-9.00E-03	1.10E-02	4.40E-02
CF	ONS-1	L16020-01	12/23/2009	I-131	0.00E+00	4.70E-03	1.80E-02
CF	ONS-2	L16020-02	12/23/2009	I-131	-5.10E-03	3.50E-03	1.70E-02
CF	ONS-3	L16020-03	12/23/2009	I-131	7.70E-03	7.30E-03	2.50E-02
CF	ONS-4	L16020-04	12/23/2009	I-131	-2.80E-03	4.50E-03	1.80E-02
CF	ONS-5	L16020-05	12/23/2009	I-131	6.20E-03	4.00E-03	1.30E-02
CF	ONS-6	L16020-06	12/23/2009	I-131	-1.50E-03	4.30E-03	1.80E-02
CF	NBF	L16020-07	12/23/2009	I-131	-5.60E-03	5.10E-03	2.20E-02
CF	SBN	L16020-08	12/23/2009	I-131	-5.70E-03	4.60E-03	2.00E-02
CF	DOW	L16020-09	12/23/2009	I-131	1.16E-02	9.50E-03	3.20E-02
CF	COL	L16020-10	12/23/2009	I-131	1.00E-03	1.00E-02	4.00E-02
CF	ONS-1	L16041-01	12/30/2009	I-131	3.80E-03	6.90E-03	2.50E-02
CF	ONS-2	L16041-02	12/30/2009	I-131	1.80E-03	4.90E-03	1.90E-02
CF	ONS-3	L16041-03	12/30/2009	I-131	-6.00E-04	7.00E-03	2.70E-02
CF	ONS-4	L16041-04	12/30/2009	I-131	3.40E-03	5.60E-03	2.10E-02
CF	ONS-5	L16041-05	12/30/2009	I-131	7.10E-03	7.80E-03	2.80E-02
CF	ONS-6	L16041-06	12/30/2009	I-131	-5.50E-03	5.50E-03	2.30E-02
CF	NBF	L16041-07	12/30/2009	I-131	-3.40E-03	6.50E-03	2.50E-02
CF	SBN	L16041-08	12/30/2009	I-131	-6.60E-03	6.80E-03	2.90E-02
CF	DOW	L16041-09	12/30/2009	I-131	4.20E-03	7.50E-03	2.80E-02
CF	COL	L16041-10	12/30/2009	I-131	6.90E-03	7.10E-03	2.40E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	OFS-N	L15466-01	7/22/2009	AcTh-228	1.00E+01	5.40E+01	2.10E+02
FH	OFS-N	L15466-01	7/22/2009	Ag-108m	4.10E+00	9.70E+00	3.60E+01
FH	OFS-N	L15466-01	7/22/2009	Ag-110m	2.50E+01	1.30E+01	3.70E+01
FH	OFS-N	L15466-01	7/22/2009	Ba-140	-1.30E+01	2.40E+01	1.20E+02
FH	OFS-N	L15466-01	7/22/2009	Be-7	-6.50E+01	7.90E+01	3.50E+02
FH	OFS-N	L15466-01	7/22/2009	Ce-141	9.00E+00	1.50E+01	5.40E+01
FH	OFS-N	L15466-01	7/22/2009	Ce-144	5.30E+01	4.50E+01	1.50E+02
FH	OFS-N	L15466-01	7/22/2009	Co-57	4.00E+00	6.10E+00	2.20E+01
FH	OFS-N	L15466-01	7/22/2009	Co-58	4.00E+00	1.30E+01	5.00E+01
FH	OFS-N	L15466-01	7/22/2009	Co-60	2.00E+01	1.40E+01	4.70E+01
FH	OFS-N	L15466-01	7/22/2009	Cr-51	-1.57E+02	8.50E+01	3.80E+02
FH	OFS-N	L15466-01	7/22/2009	Cs-134	9.90E+00	8.20E+00	3.80E+01
FH	OFS-N	L15466-01	7/22/2009	Cs-137	6.00E+00	1.30E+01	4.90E+01
FH	OFS-N	L15466-01	7/22/2009	Fe-59	-5.00E+00	2.90E+01	1.20E+02
FH	OFS-N	L15466-01	7/22/2009	I-131	-1.70E+01	2.00E+01	8.30E+01
FH	OFS-N	L15466-01	7/22/2009	K-40	2.07E+03	3.60E+02	6.70E+02 *
FH	OFS-N	L15466-01	7/22/2009	La-140	-1.30E+01	2.40E+01	1.20E+02
FH	OFS-N	L15466-01	7/22/2009	Mn-54	1.70E+01	1.50E+01	5.10E+01
FH	OFS-N	L15466-01	7/22/2009	Nb-95	1.00E+00	1.60E+01	6.20E+01
FH	OFS-N	L15466-01	7/22/2009	Ru-103	-1.40E+01	1.10E+01	4.80E+01
FH	OFS-N	L15466-01	7/22/2009	Ru-106	0.00E+00	1.00E+02	4.10E+02
FH	OFS-N	L15466-01	7/22/2009	Sb-124	-3.00E+00	3.00E+01	1.40E+02
FH	OFS-N	L15466-01	7/22/2009	Sb-125	-3.10E+01	3.30E+01	1.30E+02
FH	OFS-N	L15466-01	7/22/2009	Se-75	-7.00E+00	1.20E+01	4.70E+01
FH	OFS-N	L15466-01	7/22/2009	Zn-65	1.40E+01	2.60E+01	1.00E+02
FH	OFS-N	L15466-01	7/22/2009	Zr-95	-5.00E+00	2.30E+01	9.30E+01
FH	ONS-N	L15466-02	7/22/2009	AcTh-228	2.30E+01	5.00E+01	2.00E+02
FH	ONS-N	L15466-02	7/22/2009	Ag-108m	-8.90E+00	9.20E+00	4.10E+01
FH	ONS-N	L15466-02	7/22/2009	Ag-110m	-1.80E+01	2.00E+01	9.00E+01
FH	ONS-N	L15466-02	7/22/2009	Ba-140	4.90E+01	2.40E+01	3.30E+01
FH	ONS-N	L15466-02	7/22/2009	Be-7	-5.60E+01	9.70E+01	4.20E+02
FH	ONS-N	L15466-02	7/22/2009	Ce-141	-1.30E+01	1.50E+01	6.10E+01
FH	ONS-N	L15466-02	7/22/2009	Ce-144	1.12E+02	6.40E+01	2.10E+02
FH	ONS-N	L15466-02	7/22/2009	Co-57	-1.19E+01	6.50E+00	2.80E+01
FH	ONS-N	L15466-02	7/22/2009	Co-58	-4.00E+00	1.50E+01	6.40E+01
FH	ONS-N	L15466-02	7/22/2009	Co-60	1.10E+01	1.60E+01	6.10E+01
FH	ONS-N	L15466-02	7/22/2009	Cr-51	2.00E+02	1.20E+02	3.70E+02
FH	ONS-N	L15466-02	7/22/2009	Cs-134	9.00E+00	1.10E+01	4.70E+01
FH	ONS-N	L15466-02	7/22/2009	Cs-137	3.60E+01	1.80E+01	5.60E+01
FH	ONS-N	L15466-02	7/22/2009	Fe-59	-4.30E+01	3.40E+01	1.60E+02
FH	ONS-N	L15466-02	7/22/2009	I-131	-2.90E+01	2.50E+01	1.10E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
FH	ONS-N	L15466-02	7/22/2009	K-40	3.69E+03	5.30E+02	9.10E+02	*
FH	ONS-N	L15466-02	7/22/2009	La-140	4.90E+01	2.40E+01	3.30E+01	
FH	ONS-N	L15466-02	7/22/2009	Mn-54	-4.00E+00	1.50E+01	6.10E+01	
FH	ONS-N	L15466-02	7/22/2009	Nb-95	4.00E+00	2.00E+01	7.60E+01	
FH	ONS-N	L15466-02	7/22/2009	Ru-103	-4.00E+00	1.60E+01	6.40E+01	
FH	ONS-N	L15466-02	7/22/2009	Ru-106	-2.00E+02	1.30E+02	6.10E+02	
FH	ONS-N	L15466-02	7/22/2009	Sb-124	3.20E+01	3.50E+01	1.30E+02	
FH	ONS-N	L15466-02	7/22/2009	Sb-125	-1.00E+00	3.30E+01	1.30E+02	
FH	ONS-N	L15466-02	7/22/2009	Se-75	0.00E+00	1.30E+01	4.90E+01	
FH	ONS-N	L15466-02	7/22/2009	Zn-65	3.20E+01	3.50E+01	1.30E+02	
FH	ONS-N	L15466-02	7/22/2009	Zr-95	-3.00E+00	3.40E+01	1.30E+02	
FH	ONS-S	L15466-03	7/22/2009	AcTh-228	1.70E+01	3.80E+01	1.40E+02	
FH	ONS-S	L15466-03	7/22/2009	Ag-108m	5.90E+00	8.70E+00	3.10E+01	
FH	ONS-S	L15466-03	7/22/2009	Ag-110m	1.30E+01	1.50E+01	5.30E+01	
FH	ONS-S	L15466-03	7/22/2009	Ba-140	-1.20E+01	1.70E+01	7.80E+01	
FH	ONS-S	L15466-03	7/22/2009	Be-7	0.00E+00	7.20E+01	2.80E+02	
FH	ONS-S	L15466-03	7/22/2009	Ce-141	5.00E+00	1.70E+01	5.80E+01	
FH	ONS-S	L15466-03	7/22/2009	Ce-144	2.60E+01	5.40E+01	1.90E+02	
FH	ONS-S	L15466-03	7/22/2009	Co-57	1.70E+00	6.80E+00	2.40E+01	
FH	ONS-S	L15466-03	7/22/2009	Co-58	6.90E+00	8.40E+00	3.00E+01	
FH	ONS-S	L15466-03	7/22/2009	Co-60	-1.22E+01	9.60E+00	4.60E+01	
FH	ONS-S	L15466-03	7/22/2009	Cr-51	-6.80E+01	9.20E+01	3.60E+02	
FH	ONS-S	L15466-03	7/22/2009	Cs-134	6.40E+00	7.50E+00	3.20E+01	
FH	ONS-S	L15466-03	7/22/2009	Cs-137	9.10E+00	9.70E+00	3.40E+01	
FH	ONS-S	L15466-03	7/22/2009	Fe-59	5.00E+00	2.40E+01	9.20E+01	
FH	ONS-S	L15466-03	7/22/2009	I-131	0.00E+00	1.60E+01	6.10E+01	
FH	ONS-S	L15466-03	7/22/2009	K-40	2.31E+03	3.10E+02	5.90E+02	*
FH	ONS-S	L15466-03	7/22/2009	La-140	-1.20E+01	1.70E+01	7.80E+01	
FH	ONS-S	L15466-03	7/22/2009	Mn-54	1.10E+01	9.60E+00	3.30E+01	
FH	ONS-S	L15466-03	7/22/2009	Nb-95	-1.80E+01	1.20E+01	5.20E+01	
FH	ONS-S	L15466-03	7/22/2009	Ru-103	-5.00E+00	1.20E+01	4.60E+01	
FH	ONS-S	L15466-03	7/22/2009	Ru-106	-1.83E+02	8.60E+01	3.90E+02	
FH	ONS-S	L15466-03	7/22/2009	Sb-124	8.00E+00	2.50E+01	9.80E+01	
FH	ONS-S	L15466-03	7/22/2009	Sb-125	0.00E+00	3.00E+01	1.10E+02	
FH	ONS-S	L15466-03	7/22/2009	Se-75	8.00E+00	1.20E+01	4.10E+01	
FH	ONS-S	L15466-03	7/22/2009	Zn-65	-9.00E+00	1.90E+01	8.20E+01	
FH	ONS-S	L15466-03	7/22/2009	Zr-95	-2.40E+01	1.80E+01	7.80E+01	
FH	OFS-S	L15466-04	7/22/2009	AcTh-228	-1.60E+01	6.00E+01	2.50E+02	
FH	OFS-S	L15466-04	7/22/2009	Ag-108m	-6.70E+00	7.80E+00	3.60E+01	
FH	OFS-S	L15466-04	7/22/2009	Ag-110m	7.00E+00	2.30E+01	9.00E+01	
FH	OFS-S	L15466-04	7/22/2009	Ba-140	0.00E+00	2.80E+01	1.30E+02	

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	OFS-S	L15466-04	7/22/2009	Be-7	1.60E+02	1.10E+02	3.70E+02
FH	OFS-S	L15466-04	7/22/2009	Ce-141	-4.00E+00	1.50E+01	5.60E+01
FH	OFS-S	L15466-04	7/22/2009	Ce-144	5.00E+01	5.40E+01	1.90E+02
FH	OFS-S	L15466-04	7/22/2009	Co-57	6.60E+00	7.20E+00	2.50E+01
FH	OFS-S	L15466-04	7/22/2009	Co-58	1.30E+01	1.70E+01	6.10E+01
FH	OFS-S	L15466-04	7/22/2009	Co-60	1.00E+01	1.50E+01	5.80E+01
FH	OFS-S	L15466-04	7/22/2009	Cr-51	1.40E+02	1.10E+02	3.90E+02
FH	OFS-S	L15466-04	7/22/2009	Cs-134	2.00E+00	1.10E+01	5.40E+01
FH	OFS-S	L15466-04	7/22/2009	Cs-137	8.00E+00	1.60E+01	6.00E+01
FH	OFS-S	L15466-04	7/22/2009	Fe-59	7.10E+01	3.60E+01	1.10E+02
FH	OFS-S	L15466-04	7/22/2009	I-131	2.20E+01	2.60E+01	9.10E+01
FH	OFS-S	L15466-04	7/22/2009	K-40	2.96E+03	4.40E+02	5.60E+02 *
FH	OFS-S	L15466-04	7/22/2009	La-140	0.00E+00	2.80E+01	1.30E+02
FH	OFS-S	L15466-04	7/22/2009	Mn-54	6.00E+00	1.20E+01	4.70E+01
FH	OFS-S	L15466-04	7/22/2009	Nb-95	1.40E+01	1.70E+01	6.30E+01
FH	OFS-S	L15466-04	7/22/2009	Ru-103	7.00E+00	1.40E+01	5.30E+01
FH	OFS-S	L15466-04	7/22/2009	Ru-106	-1.30E+02	1.20E+02	5.30E+02
FH	OFS-S	L15466-04	7/22/2009	Sb-124	-2.10E+01	3.80E+01	1.80E+02
FH	OFS-S	L15466-04	7/22/2009	Sb-125	1.80E+01	2.90E+01	1.10E+02
FH	OFS-S	L15466-04	7/22/2009	Se-75	4.00E+00	1.40E+01	5.00E+01
FH	OFS-S	L15466-04	7/22/2009	Zn-65	0.00E+00	3.50E+01	1.40E+02
FH	OFS-S	L15466-04	7/22/2009	Zr-95	-6.90E+01	2.60E+01	1.30E+02
FH	ONS-N	L15666-01	9/15/2009	AcTh-228	4.00E+01	5.10E+01	1.80E+02
FH	ONS-N	L15666-01	9/15/2009	Ag-108m	-1.20E+01	1.00E+01	4.30E+01
FH	ONS-N	L15666-01	9/15/2009	Ag-110m	-1.50E+01	1.40E+01	6.70E+01
FH	ONS-N	L15666-01	9/15/2009	Ba-140	1.20E+01	2.80E+01	1.20E+02
FH	ONS-N	L15666-01	9/15/2009	Be-7	2.00E+01	1.20E+02	4.60E+02
FH	ONS-N	L15666-01	9/15/2009	Ce-141	-2.60E+01	1.70E+01	6.60E+01
FH	ONS-N	L15666-01	9/15/2009	Ce-144	1.03E+02	4.90E+01	1.50E+02
FH	ONS-N	L15666-01	9/15/2009	Co-57	-2.16E+01	6.60E+00	2.90E+01
FH	ONS-N	L15666-01	9/15/2009	Co-58	1.00E+01	1.60E+01	6.00E+01
FH	ONS-N	L15666-01	9/15/2009	Co-60	7.00E+00	1.60E+01	6.20E+01
FH	ONS-N	L15666-01	9/15/2009	Cr-51	-4.00E+01	1.30E+02	4.80E+02
FH	ONS-N	L15666-01	9/15/2009	Cs-134	-6.70E+00	8.90E+00	4.60E+01
FH	ONS-N	L15666-01	9/15/2009	Cs-137	2.20E+01	1.80E+01	6.20E+01
FH	ONS-N	L15666-01	9/15/2009	Fe-59	1.80E+01	3.30E+01	1.30E+02
FH	ONS-N	L15666-01	9/15/2009	I-131	4.00E+01	3.80E+01	1.30E+02
FH	ONS-N	L15666-01	9/15/2009	K-40	2.97E+03	4.20E+02	7.50E+02 *
FH	ONS-N	L15666-01	9/15/2009	La-140	1.20E+01	2.80E+01	1.20E+02
FH	ONS-N	L15666-01	9/15/2009	Mn-54	1.00E+00	1.40E+01	5.50E+01
FH	ONS-N	L15666-01	9/15/2009	Nb-95	-9.00E+00	1.70E+01	6.90E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	ONS-N	L15666-01	9/15/2009	Ru-103	-1.80E+01	1.50E+01	6.40E+01
FH	ONS-N	L15666-01	9/15/2009	Ru-106	-1.00E+02	1.20E+02	4.90E+02
FH	ONS-N	L15666-01	9/15/2009	Sb-124	5.60E+01	3.40E+01	1.00E+02
FH	ONS-N	L15666-01	9/15/2009	Sb-125	0.00E+00	3.20E+01	1.20E+02
FH	ONS-N	L15666-01	9/15/2009	Se-75	2.00E+01	1.50E+01	5.00E+01
FH	ONS-N	L15666-01	9/15/2009	Zn-65	-5.90E+01	3.80E+01	1.70E+02
FH	ONS-N	L15666-01	9/15/2009	Zr-95	1.80E+01	2.80E+01	1.00E+02
FH	ONS-S	L15836-01	10/29/2009	AcTh-228	-7.60E+01	4.80E+01	2.30E+02
FH	ONS-S	L15836-01	10/29/2009	Ag-108m	1.30E+01	1.10E+01	3.70E+01
FH	ONS-S	L15836-01	10/29/2009	Ag-110m	1.00E+01	2.20E+01	8.30E+01
FH	ONS-S	L15836-01	10/29/2009	Ba-140	0.00E+00	2.60E+01	1.10E+02
FH	ONS-S	L15836-01	10/29/2009	Be-7	-1.50E+02	1.00E+02	4.40E+02
FH	ONS-S	L15836-01	10/29/2009	Ce-141	-2.70E+01	1.60E+01	6.30E+01
FH	ONS-S	L15836-01	10/29/2009	Ce-144	-6.10E+01	5.60E+01	2.20E+02
FH	ONS-S	L15836-01	10/29/2009	Co-57	5.10E+00	7.10E+00	2.50E+01
FH	ONS-S	L15836-01	10/29/2009	Co-58	1.00E+01	1.20E+01	4.50E+01
FH	ONS-S	L15836-01	10/29/2009	Co-60	-7.00E+00	1.20E+01	5.90E+01
FH	ONS-S	L15836-01	10/29/2009	Cr-51	-5.10E+01	9.10E+01	3.60E+02
FH	ONS-S	L15836-01	10/29/2009	Cs-134	-7.70E+00	8.00E+00	4.20E+01
FH	ONS-S	L15836-01	10/29/2009	Cs-137	1.00E+01	1.30E+01	4.70E+01
FH	ONS-S	L15836-01	10/29/2009	Fe-59	8.00E+00	3.20E+01	1.20E+02
FH	ONS-S	L15836-01	10/29/2009	I-131	-2.50E+01	1.70E+01	7.10E+01
FH	ONS-S	L15836-01	10/29/2009	K-40	3.12E+03	4.50E+02	7.70E+02 *
FH	ONS-S	L15836-01	10/29/2009	La-140	0.00E+00	2.60E+01	1.10E+02
FH	ONS-S	L15836-01	10/29/2009	Mn-54	-4.00E+00	1.00E+01	4.50E+01
FH	ONS-S	L15836-01	10/29/2009	Nb-95	4.00E+00	1.50E+01	5.60E+01
FH	ONS-S	L15836-01	10/29/2009	Ru-103	2.60E+00	9.50E+00	3.70E+01
FH	ONS-S	L15836-01	10/29/2009	Ru-106	1.90E+02	1.30E+02	4.20E+02
FH	ONS-S	L15836-01	10/29/2009	Sb-124	5.40E+01	2.70E+01	3.70E+01
FH	ONS-S	L15836-01	10/29/2009	Sb-125	3.90E+01	3.30E+01	1.10E+02
FH	ONS-S	L15836-01	10/29/2009	Se-75	1.20E+01	1.50E+01	5.10E+01
FH	ONS-S	L15836-01	10/29/2009	Zn-65	-1.70E+01	2.80E+01	1.20E+02
FH	ONS-S	L15836-01	10/29/2009	Zr-95	4.00E+00	1.90E+01	7.70E+01
FH	OFS-S	L15836-02	10/29/2009	AcTh-228	9.00E+00	5.10E+01	2.10E+02
FH	OFS-S	L15836-02	10/29/2009	Ag-108m	-5.00E+00	1.10E+01	4.60E+01
FH	OFS-S	L15836-02	10/29/2009	Ag-110m	2.70E+01	2.10E+01	7.00E+01
FH	OFS-S	L15836-02	10/29/2009	Ba-140	1.90E+01	1.90E+01	6.90E+01
FH	OFS-S	L15836-02	10/29/2009	Be-7	0.00E+00	1.30E+02	4.90E+02
FH	OFS-S	L15836-02	10/29/2009	Ce-141	-1.80E+01	1.20E+01	5.10E+01
FH	OFS-S	L15836-02	10/29/2009	Ce-144	4.60E+01	5.70E+01	2.00E+02
FH	OFS-S	L15836-02	10/29/2009	Co-57	2.70E+00	7.60E+00	2.80E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/ kg)
FH	OFS-S	L15836-02	10/29/2009	Co-58	-5.00E+00	1.60E+01	6.70E+01
FH	OFS-S	L15836-02	10/29/2009	Co-60	-8.00E+00	1.40E+01	6.70E+01
FH	OFS-S	L15836-02	10/29/2009	Cr-51	-5.10E+01	9.20E+01	3.70E+02
FH	OFS-S	L15836-02	10/29/2009	Cs-134	-1.80E+01	1.00E+01	6.40E+01
FH	OFS-S	L15836-02	10/29/2009	Cs-137	6.00E+00	1.50E+01	5.80E+01
FH	OFS-S	L15836-02	10/29/2009	Fe-59	1.90E+01	3.50E+01	1.30E+02
FH	OFS-S	L15836-02	10/29/2009	I-131	2.50E+01	1.70E+01	5.80E+01
FH	OFS-S	L15836-02	10/29/2009	K-40	2.75E+03	4.50E+02	8.30E+02 *
FH	OFS-S	L15836-02	10/29/2009	La-140	1.90E+01	1.90E+01	6.90E+01
FH	OFS-S	L15836-02	10/29/2009	Mn-54	1.10E+01	1.50E+01	5.50E+01
FH	OFS-S	L15836-02	10/29/2009	Nb-95	1.40E+01	1.30E+01	4.80E+01
FH	OFS-S	L15836-02	10/29/2009	Ru-103	-2.20E+01	1.40E+01	6.10E+01
FH	OFS-S	L15836-02	10/29/2009	Ru-106	1.90E+02	1.20E+02	3.80E+02
FH	OFS-S	L15836-02	10/29/2009	Sb-124	1.50E+01	2.70E+01	1.10E+02
FH	OFS-S	L15836-02	10/29/2009	Sb-125	-1.50E+01	3.10E+01	1.30E+02
FH	OFS-S	L15836-02	10/29/2009	Se-75	1.50E+01	1.40E+01	4.90E+01
FH	OFS-S	L15836-02	10/29/2009	Zn-65	-4.00E+01	3.50E+01	1.60E+02
FH	OFS-S	L15836-02	10/29/2009	Zr-95	-3.70E+01	2.70E+01	1.20E+02
FH	OFS-N	L15836-03	10/29/2009	AcTh-228	2.90E+01	5.80E+01	2.20E+02
FH	OFS-N	L15836-03	10/29/2009	Ag-108m	-1.90E+01	1.10E+01	5.10E+01
FH	OFS-N	L15836-03	10/29/2009	Ag-110m	-6.00E+00	2.20E+01	9.10E+01
FH	OFS-N	L15836-03	10/29/2009	Ba-140	2.00E+01	2.50E+01	9.40E+01
FH	OFS-N	L15836-03	10/29/2009	Be-7	5.00E+01	1.00E+02	3.80E+02
FH	OFS-N	L15836-03	10/29/2009	Ce-141	2.70E+01	1.70E+01	5.50E+01
FH	OFS-N	L15836-03	10/29/2009	Ce-144	-3.30E+01	5.40E+01	2.10E+02
FH	OFS-N	L15836-03	10/29/2009	Co-57	3.30E+00	6.60E+00	2.40E+01
FH	OFS-N	L15836-03	10/29/2009	Co-58	1.50E+01	1.60E+01	5.80E+01
FH	OFS-N	L15836-03	10/29/2009	Co-60	-2.00E+00	1.30E+01	6.30E+01
FH	OFS-N	L15836-03	10/29/2009	Cr-51	1.00E+02	1.10E+02	3.90E+02
FH	OFS-N	L15836-03	10/29/2009	Cs-134	2.00E+00	1.00E+01	5.60E+01
FH	OFS-N	L15836-03	10/29/2009	Cs-137	-7.00E+00	1.70E+01	7.10E+01
FH	OFS-N	L15836-03	10/29/2009	Fe-59	1.00E+01	3.70E+01	1.40E+02
FH	OFS-N	L15836-03	10/29/2009	I-131	3.60E+01	2.10E+01	6.70E+01
FH	OFS-N	L15836-03	10/29/2009	K-40	2.13E+03	4.00E+02	7.00E+02 *
FH	OFS-N	L15836-03	10/29/2009	La-140	2.00E+01	2.50E+01	9.40E+01
FH	OFS-N	L15836-03	10/29/2009	Mn-54	-9.00E+00	1.30E+01	6.00E+01
FH	OFS-N	L15836-03	10/29/2009	Nb-95	1.50E+01	1.60E+01	5.80E+01
FH	OFS-N	L15836-03	10/29/2009	Ru-103	1.40E+01	1.40E+01	4.80E+01
FH	OFS-N	L15836-03	10/29/2009	Ru-106	-1.70E+02	1.10E+02	5.40E+02
FH	OFS-N	L15836-03	10/29/2009	Sb-124	-1.70E+01	3.70E+01	1.80E+02
FH	OFS-N	L15836-03	10/29/2009	Sb-125	-1.70E+01	4.10E+01	1.60E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	OFS-N	L15836-03	10/29/2009	Se-75	-2.00E+01	1.50E+01	6.40E+01
FH	OFS-N	L15836-03	10/29/2009	Zn-65	2.20E+01	3.80E+01	1.40E+02
FH	OFS-N	L15836-03	10/29/2009	Zr-95	1.70E+01	2.60E+01	9.80E+01
SE	SL-2	L15100-01	4/20/2009	AcTh-228	6.90E+01	4.30E+01	1.40E+02
SE	SL-2	L15100-01	4/20/2009	Ag-108m	4.60E+00	5.60E+00	2.00E+01
SE	SL-2	L15100-01	4/20/2009	Ag-110m	-1.43E+01	7.40E+00	4.30E+01
SE	SL-2	L15100-01	4/20/2009	Ba-140	4.40E+01	8.90E+01	3.20E+02
SE	SL-2	L15100-01	4/20/2009	Be-7	3.10E+02	1.00E+02	3.00E+02
SE	SL-2	L15100-01	4/20/2009	Ce-141	-2.40E+01	1.50E+01	5.80E+01
SE	SL-2	L15100-01	4/20/2009	Ce-144	1.90E+01	4.80E+01	1.70E+02
SE	SL-2	L15100-01	4/20/2009	Co-57	2.50E+00	6.30E+00	2.20E+01
SE	SL-2	L15100-01	4/20/2009	Co-58	1.60E+01	1.10E+01	3.50E+01
SE	SL-2	L15100-01	4/20/2009	Co-60	1.40E+00	8.60E+00	3.50E+01
SE	SL-2	L15100-01	4/20/2009	Cr-51	1.00E+01	1.00E+02	3.70E+02
SE	SL-2	L15100-01	4/20/2009	Cs-134	-2.00E-01	5.50E+00	2.70E+01
SE	SL-2	L15100-01	4/20/2009	Cs-137	1.33E+01	9.20E+00	3.00E+01
SE	SL-2	L15100-01	4/20/2009	Fe-59	-4.00E+01	2.60E+01	1.20E+02
SE	SL-2	L15100-01	4/20/2009	I-131	0.00E+00	4.50E+01	1.70E+02
SE	SL-2	L15100-01	4/20/2009	K-40	9.29E+03	5.10E+02	3.80E+02 *
SE	SL-2	L15100-01	4/20/2009	La-140	-9.00E+00	4.30E+01	1.70E+02
SE	SL-2	L15100-01	4/20/2009	Mn-54	-1.40E+00	7.50E+00	3.00E+01
SE	SL-2	L15100-01	4/20/2009	Nb-95	-1.10E+01	1.20E+01	5.00E+01
SE	SL-2	L15100-01	4/20/2009	Ru-103	-7.80E+00	7.80E+00	3.40E+01
SE	SL-2	L15100-01	4/20/2009	Ru-106	-8.90E+01	7.30E+01	3.10E+02
SE	SL-2	L15100-01	4/20/2009	Sb-124	2.60E+01	1.50E+01	2.40E+01
SE	SL-2	L15100-01	4/20/2009	Sb-125	1.10E+01	2.10E+01	7.50E+01
SE	SL-2	L15100-01	4/20/2009	Se-75	9.10E+00	8.60E+00	2.90E+01
SE	SL-2	L15100-01	4/20/2009	Zn-65	-4.90E+01	2.90E+01	1.20E+02
SE	SL-2	L15100-01	4/20/2009	Zr-95	-1.30E+01	1.50E+01	6.60E+01
SE	SL-3	L15100-02	4/20/2009	AcTh-228	7.50E+01	2.70E+01	7.80E+01
SE	SL-3	L15100-02	4/20/2009	Ag-108m	-3.50E+00	4.10E+00	1.60E+01
SE	SL-3	L15100-02	4/20/2009	Ag-110m	-1.10E+01	4.70E+00	2.30E+01
SE	SL-3	L15100-02	4/20/2009	Ba-140	6.20E+01	6.30E+01	2.20E+02
SE	SL-3	L15100-02	4/20/2009	Be-7	1.38E+02	6.40E+01	2.00E+02
SE	SL-3	L15100-02	4/20/2009	Ce-141	1.30E+01	1.20E+01	4.20E+01
SE	SL-3	L15100-02	4/20/2009	Ce-144	-6.30E+01	3.80E+01	1.40E+02
SE	SL-3	L15100-02	4/20/2009	Co-57	4.00E-01	4.70E+00	1.70E+01
SE	SL-3	L15100-02	4/20/2009	Co-58	-1.60E+01	7.90E+00	3.30E+01
SE	SL-3	L15100-02	4/20/2009	Co-60	-5.70E+00	7.20E+00	2.90E+01
SE	SL-3	L15100-02	4/20/2009	Cr-51	2.70E+01	7.30E+01	2.60E+02
SE	SL-3	L15100-02	4/20/2009	Cs-134	-2.10E+00	5.60E+00	2.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/ kg)
SE	SL-3	L15100-02	4/20/2009	Cs-137	3.20E+00	5.70E+00	2.10E+01
SE	SL-3	L15100-02	4/20/2009	Fe-59	2.30E+01	1.90E+01	6.50E+01
SE	SL-3	L15100-02	4/20/2009	I-131	2.00E+01	3.90E+01	1.40E+02
SE	SL-3	L15100-02	4/20/2009	K-40	9.04E+03	3.60E+02	2.20E+02 *
SE	SL-3	L15100-02	4/20/2009	La-140	2.00E+00	3.30E+01	1.20E+02
SE	SL-3	L15100-02	4/20/2009	Mn-54	1.16E+01	7.20E+00	2.40E+01
SE	SL-3	L15100-02	4/20/2009	Nb-95	1.19E+01	9.30E+00	3.10E+01
SE	SL-3	L15100-02	4/20/2009	Ru-103	-5.60E+00	8.50E+00	3.20E+01
SE	SL-3	L15100-02	4/20/2009	Ru-106	-2.30E+01	5.30E+01	2.00E+02
SE	SL-3	L15100-02	4/20/2009	Sb-124	-4.40E+00	4.40E+00	3.30E+01
SE	SL-3	L15100-02	4/20/2009	Sb-125	-1.50E+01	1.50E+01	5.90E+01
SE	SL-3	L15100-02	4/20/2009	Se-75	6.60E+00	7.40E+00	2.50E+01
SE	SL-3	L15100-02	4/20/2009	Zn-65	-2.90E+01	2.10E+01	8.20E+01
SE	SL-3	L15100-02	4/20/2009	Zr-95	2.00E+00	1.20E+01	4.30E+01
SE	SL-2	L15782-01	10/19/2009	AcTh-228	9.50E+01	9.60E+01	3.40E+02
SE	SL-2	L15782-01	10/19/2009	Ag-108m	-3.90E+01	2.00E+01	8.70E+01
SE	SL-2	L15782-01	10/19/2009	Ag-110m	-1.80E+01	2.60E+01	1.20E+02
SE	SL-2	L15782-01	10/19/2009	Ba-140	0.00E+00	1.70E+02	7.20E+02
SE	SL-2	L15782-01	10/19/2009	Be-7	-2.40E+02	2.00E+02	8.70E+02
SE	SL-2	L15782-01	10/19/2009	Ce-141	4.00E+01	3.60E+01	1.20E+02
SE	SL-2	L15782-01	10/19/2009	Ce-144	3.00E+01	1.10E+02	4.00E+02
SE	SL-2	L15782-01	10/19/2009	Co-57	-1.10E+01	1.20E+01	4.60E+01
SE	SL-2	L15782-01	10/19/2009	Co-58	-3.80E+01	1.60E+01	9.50E+01
SE	SL-2	L15782-01	10/19/2009	Co-60	-1.80E+01	2.50E+01	1.20E+02
SE	SL-2	L15782-01	10/19/2009	Cr-51	1.80E+02	2.10E+02	7.50E+02
SE	SL-2	L15782-01	10/19/2009	Cs-134	2.00E+01	1.80E+01	7.60E+01
SE	SL-2	L15782-01	10/19/2009	Cs-137	2.70E+01	1.80E+01	5.90E+01
SE	SL-2	L15782-01	10/19/2009	Fe-59	2.60E+01	6.80E+01	2.60E+02
SE	SL-2	L15782-01	10/19/2009	I-131	-7.00E+01	1.00E+02	4.30E+02
SE	SL-2	L15782-01	10/19/2009	K-40	5.84E+03	7.30E+02	5.80E+02 *
SE	SL-2	L15782-01	10/19/2009	La-140	1.10E+02	1.20E+02	4.40E+02
SE	SL-2	L15782-01	10/19/2009	Mn-54	4.00E+00	2.00E+01	8.20E+01
SE	SL-2	L15782-01	10/19/2009	Nb-95	3.70E+01	2.40E+01	7.50E+01
SE	SL-2	L15782-01	10/19/2009	Ru-103	0.00E+00	1.60E+01	6.90E+01
SE	SL-2	L15782-01	10/19/2009	Ru-106	-1.50E+02	1.70E+02	7.70E+02
SE	SL-2	L15782-01	10/19/2009	Sb-124	-4.90E+01	5.30E+01	2.90E+02
SE	SL-2	L15782-01	10/19/2009	Sb-125	-1.20E+01	6.20E+01	2.40E+02
SE	SL-2	L15782-01	10/19/2009	Se-75	-1.00E+00	1.80E+01	7.20E+01
SE	SL-2	L15782-01	10/19/2009	Zn-65	9.20E+01	5.20E+01	1.60E+02
SE	SL-2	L15782-01	10/19/2009	Zr-95	2.40E+01	4.60E+01	1.80E+02
SE	SL-3	L15782-02	10/19/2009	AcTh-228	-4.60E+01	6.00E+01	2.90E+02
SE	SL-3	L15782-02	10/19/2009	Ag-108m	-4.00E+00	1.70E+01	6.90E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	SL-3	L15782-02	10/19/2009	Ag-110m	-2.90E+01	3.50E+01	1.50E+02
SE	SL-3	L15782-02	10/19/2009	Ba-140	-1.80E+02	1.60E+02	7.70E+02
SE	SL-3	L15782-02	10/19/2009	Be-7	5.00E+01	1.20E+02	4.80E+02
SE	SL-3	L15782-02	10/19/2009	Ce-141	-6.70E+01	3.20E+01	1.40E+02
SE	SL-3	L15782-02	10/19/2009	Ce-144	-1.43E+02	7.20E+01	3.30E+02
SE	SL-3	L15782-02	10/19/2009	Co-57	-8.00E+00	1.00E+01	4.10E+01
SE	SL-3	L15782-02	10/19/2009	Co-58	-5.00E+00	1.60E+01	7.70E+01
SE	SL-3	L15782-02	10/19/2009	Co-60	2.80E+01	2.00E+01	6.40E+01
SE	SL-3	L15782-02	10/19/2009	Cr-51	3.00E+01	2.10E+02	8.10E+02
SE	SL-3	L15782-02	10/19/2009	Cs-134	1.00E+00	1.20E+01	6.30E+01
SE	SL-3	L15782-02	10/19/2009	Cs-137	8.00E+00	2.10E+01	8.10E+01
SE	SL-3	L15782-02	10/19/2009	Fe-59	7.80E+01	5.50E+01	1.80E+02
SE	SL-3	L15782-02	10/19/2009	I-131	-1.90E+02	1.30E+02	5.60E+02
SE	SL-3	L15782-02	10/19/2009	K-40	6.24E+03	8.30E+02	1.40E+03 *
SE	SL-3	L15782-02	10/19/2009	La-140	9.00E+01	1.20E+02	4.20E+02
SE	SL-3	L15782-02	10/19/2009	Mn-54	-1.00E+01	1.50E+01	7.30E+01
SE	SL-3	L15782-02	10/19/2009	Nb-95	-2.00E+00	2.80E+01	1.20E+02
SE	SL-3	L15782-02	10/19/2009	Ru-103	-3.50E+01	1.80E+01	9.70E+01
SE	SL-3	L15782-02	10/19/2009	Ru-106	8.00E+01	1.60E+02	6.20E+02
SE	SL-3	L15782-02	10/19/2009	Sb-124	5.80E+01	4.10E+01	7.80E+01
SE	SL-3	L15782-02	10/19/2009	Sb-125	-2.60E+01	4.40E+01	1.90E+02
SE	SL-3	L15782-02	10/19/2009	Sc-75	7.00E+00	2.40E+01	9.00E+01
SE	SL-3	L15782-02	10/19/2009	Zn-65	-5.00E+01	5.00E+01	2.30E+02
SE	SL-3	L15782-02	10/19/2009	Zr-95	3.30E+01	4.00E+01	1.50E+02
TV	ONS-V W	L15259-01	5/29/2009	AcTh-228	8.50E+01	5.30E+01	1.80E+02
TV	ONS-V W	L15259-01	5/29/2009	Ag-108m	-1.30E+00	7.10E+00	2.80E+01
TV	ONS-V W	L15259-01	5/29/2009	Ag-110m	3.70E+01	1.80E+01	5.50E+01
TV	ONS-V W	L15259-01	5/29/2009	Ba-140	2.00E+01	2.30E+01	8.40E+01
TV	ONS-V W	L15259-01	5/29/2009	Be-7	7.10E+01	7.10E+01	2.50E+02
TV	ONS-V W	L15259-01	5/29/2009	Ce-141	-2.60E+01	1.00E+01	4.20E+01
TV	ONS-V W	L15259-01	5/29/2009	Ce-144	2.80E+01	3.30E+01	1.10E+02
TV	ONS-V W	L15259-01	5/29/2009	Co-57	1.80E+00	4.60E+00	1.60E+01
TV	ONS-V W	L15259-01	5/29/2009	Co-58	4.80E+00	9.60E+00	3.60E+01
TV	ONS-V W	L15259-01	5/29/2009	Co-60	1.39E+01	9.90E+00	3.20E+01
TV	ONS-V W	L15259-01	5/29/2009	Cr-51	3.90E+01	6.80E+01	2.50E+02
TV	ONS-V W	L15259-01	5/29/2009	Cs-134	-4.60E+00	7.00E+00	3.90E+01
TV	ONS-V W	L15259-01	5/29/2009	Cs-137	6.30E+00	8.90E+00	3.20E+01
TV	ONS-V W	L15259-01	5/29/2009	Fe-59	-1.90E+01	2.70E+01	1.10E+02
TV	ONS-V W	L15259-01	5/29/2009	I-131	-2.60E+00	5.40E-01	5.00E+01
TV	ONS-V W	L15259-01	5/29/2009	K-40	3.29E+03	3.70E+02	6.00E+02 *
TV	ONS-V W	L15259-01	5/29/2009	La-140	2.00E+01	2.30E+01	8.40E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD. DEV. (pCi/kg)	MDC (pCi/kg)
TV	ONS-V W	L15259-01	5/29/2009	Mn-54	-1.40E+01	1.00E+01	4.40E+01
TV	ONS-V W	L15259-01	5/29/2009	Nb-95	2.00E+01	1.10E+01	3.50E+01
TV	ONS-V W	L15259-01	5/29/2009	Ru-103	-1.45E+01	9.60E+00	4.10E+01
TV	ONS-V W	L15259-01	5/29/2009	Ru-106	-8.40E+01	8.40E+01	3.50E+02
TV	ONS-V W	L15259-01	5/29/2009	Sb-124	1.90E+01	2.00E+01	7.70E+01
TV	ONS-V W	L15259-01	5/29/2009	Sb-125	1.20E+01	2.30E+01	8.40E+01
TV	ONS-V W	L15259-01	5/29/2009	Se-75	-5.80E+00	8.30E+00	3.30E+01
TV	ONS-V W	L15259-01	5/29/2009	Zn-65	-2.60E+01	2.80E+01	1.20E+02
TV	ONS-V W	L15259-01	5/29/2009	Zr-95	2.00E+00	1.80E+01	7.00E+01
TV	ONS-V M	L15259-02	5/29/2009	AcTh-228	3.50E+01	5.20E+01	1.90E+02
TV	ONS-V M	L15259-02	5/29/2009	Ag-108m	-3.00E+00	1.00E+01	3.80E+01
TV	ONS-V M	L15259-02	5/29/2009	Ag-110m	-2.10E+01	1.70E+01	7.60E+01
TV	ONS-V M	L15259-02	5/29/2009	Ba-140	-8.30E+01	3.60E+01	1.70E+02
TV	ONS-V M	L15259-02	5/29/2009	Be-7	8.50E+02	1.80E+02	4.90E+02 *
TV	ONS-V M	L15259-02	5/29/2009	Ce-141	-1.00E+00	1.40E+01	5.20E+01
TV	ONS-V M	L15259-02	5/29/2009	Ce-144	1.01E+02	5.10E+01	1.60E+02
TV	ONS-V M	L15259-02	5/29/2009	Co-57	-3.30E+00	6.60E+00	2.40E+01
TV	ONS-V M	L15259-02	5/29/2009	Co-58	1.60E+01	1.40E+01	4.70E+01
TV	ONS-V M	L15259-02	5/29/2009	Co-60	7.00E+00	1.30E+01	5.00E+01
TV	ONS-V M	L15259-02	5/29/2009	Cr-51	1.22E+02	9.90E+01	3.30E+02
TV	ONS-V M	L15259-02	5/29/2009	Cs-134	-4.00E+00	1.20E+01	5.40E+01
TV	ONS-V M	L15259-02	5/29/2009	Cs-137	3.20E+01	1.30E+01	3.80E+01
TV	ONS-V M	L15259-02	5/29/2009	Fe-59	-2.30E+01	3.30E+01	1.40E+02
TV	ONS-V M	L15259-02	5/29/2009	I-131	-4.50E+00	8.10E-01	4.90E+01
TV	ONS-V M	L15259-02	5/29/2009	K-40	3.26E+03	4.40E+02	8.20E+02 *
TV	ONS-V M	L15259-02	5/29/2009	La-140	-8.30E+01	3.60E+01	1.70E+02
TV	ONS-V M	L15259-02	5/29/2009	Mn-54	1.00E+00	1.20E+01	4.60E+01
TV	ONS-V M	L15259-02	5/29/2009	Nb-95	-1.60E+01	1.50E+01	6.20E+01
TV	ONS-V M	L15259-02	5/29/2009	Ru-103	9.00E+00	1.30E+01	4.70E+01
TV	ONS-V M	L15259-02	5/29/2009	Ru-106	-1.00E+02	1.30E+02	5.30E+02
TV	ONS-V M	L15259-02	5/29/2009	Sb-124	2.50E+01	3.90E+01	1.50E+02
TV	ONS-V M	L15259-02	5/29/2009	Sb-125	2.10E+01	2.90E+01	1.00E+02
TV	ONS-V M	L15259-02	5/29/2009	Se-75	4.00E+00	1.10E+01	4.10E+01
TV	ONS-V M	L15259-02	5/29/2009	Zn-65	1.50E+01	2.80E+01	1.10E+02
TV	ONS-V M	L15259-02	5/29/2009	Zr-95	-3.00E+00	2.20E+01	8.60E+01
TV	ONS-V E	L15259-03	5/29/2009	AcTh-228	-7.60E+01	3.70E+01	1.30E+02
TV	ONS-V E	L15259-03	5/29/2009	Ag-108m	1.30E+00	4.10E+00	1.40E+01
TV	ONS-V E	L15259-03	5/29/2009	Ag-110m	-6.70E+00	7.80E+00	2.70E+01
TV	ONS-V E	L15259-03	5/29/2009	Ba-140	6.00E+00	1.30E+01	4.30E+01
TV	ONS-V E	L15259-03	5/29/2009	Be-7	4.52E+02	5.70E+01	1.70E+02 *
TV	ONS-V E	L15259-03	5/29/2009	Ce-141	1.30E+00	6.30E+00	2.10E+01
TV	ONS-V E	L15259-03	5/29/2009	Ce-144	2.70E+01	1.90E+01	6.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	ONS-V E	L15259-03	5/29/2009	Co-57	-1.60E+00	2.30E+00	6.70E+00
TV	ONS-V E	L15259-03	5/29/2009	Co-58	1.06E+01	5.60E+00	1.80E+01
TV	ONS-V E	L15259-03	5/29/2009	Co-60	-5.50E+00	6.80E+00	2.40E+01
TV	ONS-V E	L15259-03	5/29/2009	Cr-51	5.70E+01	3.70E+01	1.20E+02
TV	ONS-V E	L15259-03	5/29/2009	Cs-134	-1.80E+00	4.00E+00	1.90E+01
TV	ONS-V E	L15259-03	5/29/2009	Cs-137	-7.80E+00	5.80E+00	2.00E+01
TV	ONS-V E	L15259-03	5/29/2009	Fe-59	-5.00E+00	1.30E+01	4.40E+01
TV	ONS-V E	L15259-03	5/29/2009	I-131	-4.51E+00	8.10E-01	4.90E+01
TV	ONS-V E	L15259-03	5/29/2009	K-40	1.51E+03	1.50E+02	4.50E+02 *
TV	ONS-V E	L15259-03	5/29/2009	La-140	6.00E+00	1.30E+01	4.30E+01
TV	ONS-V E	L15259-03	5/29/2009	Mn-54	-8.30E+00	5.70E+00	2.00E+01
TV	ONS-V E	L15259-03	5/29/2009	Nb-95	1.24E+01	5.80E+00	1.90E+01
TV	ONS-V E	L15259-03	5/29/2009	Ru-103	-2.10E+00	4.80E+00	1.60E+01
TV	ONS-V E	L15259-03	5/29/2009	Ru-106	-8.20E+01	5.10E+01	1.80E+02
TV	ONS-V E	L15259-03	5/29/2009	Sb-124	-1.40E+01	1.60E+01	5.70E+01
TV	ONS-V E	L15259-03	5/29/2009	Sb-125	-9.00E+00	1.20E+01	4.20E+01
TV	ONS-V E	L15259-03	5/29/2009	Sc-75	3.00E-01	4.80E+00	1.60E+01
TV	ONS-V E	L15259-03	5/29/2009	Zn-65	-7.00E+00	1.40E+01	4.70E+01
TV	ONS-V E	L15259-03	5/29/2009	Zr-95	2.04E+01	9.60E+00	3.10E+01
TV	OFS-V	L15259-04	5/29/2009	AcTh-228	-5.50E+01	3.90E+01	1.30E+02
TV	OFS-V	L15259-04	5/29/2009	Ag-108m	-1.30E+00	4.40E+00	1.50E+01
TV	OFS-V	L15259-04	5/29/2009	Ag-110m	9.00E+00	8.40E+00	2.80E+01
TV	OFS-V	L15259-04	5/29/2009	Ba-140	-3.20E+01	1.20E+01	4.30E+01
TV	OFS-V	L15259-04	5/29/2009	Be-7	6.01E+02	6.20E+01	1.80E+02 *
TV	OFS-V	L15259-04	5/29/2009	Ce-141	-8.00E+00	8.70E+00	2.90E+01
TV	OFS-V	L15259-04	5/29/2009	Ce-144	2.00E+00	2.10E+01	7.10E+01
TV	OFS-V	L15259-04	5/29/2009	Co-57	-3.50E+00	2.60E+00	8.90E+00
TV	OFS-V	L15259-04	5/29/2009	Co-58	1.50E+00	5.60E+00	1.90E+01
TV	OFS-V	L15259-04	5/29/2009	Co-60	-4.00E+00	7.20E+00	2.50E+01
TV	OFS-V	L15259-04	5/29/2009	Cr-51	3.20E+01	4.70E+01	1.60E+02
TV	OFS-V	L15259-04	5/29/2009	Cs-134	-2.70E+00	4.40E+00	2.10E+01
TV	OFS-V	L15259-04	5/29/2009	Cs-137	-5.90E+00	6.20E+00	2.10E+01
TV	OFS-V	L15259-04	5/29/2009	Fe-59	-1.80E+01	1.20E+01	4.40E+01
TV	OFS-V	L15259-04	5/29/2009	I-131	-4.78E+00	8.60E-01	5.20E+01
TV	OFS-V	L15259-04	5/29/2009	K-40	2.26E+03	1.60E+02	4.50E+02 *
TV	OFS-V	L15259-04	5/29/2009	La-140	-3.20E+01	1.20E+01	4.30E+01
TV	OFS-V	L15259-04	5/29/2009	Mn-54	-4.40E+00	5.40E+00	1.90E+01
TV	OFS-V	L15259-04	5/29/2009	Nb-95	0.00E+00	6.50E+00	2.20E+01
TV	OFS-V	L15259-04	5/29/2009	Ru-103	-3.00E-01	5.40E+00	1.80E+01
TV	OFS-V	L15259-04	5/29/2009	Ru-106	7.90E+01	5.40E+01	1.80E+02
TV	OFS-V	L15259-04	5/29/2009	Sb-124	-5.00E+00	1.60E+01	5.40E+01
TV	OFS-V	L15259-04	5/29/2009	Sb-125	-3.00E+00	1.40E+01	4.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	OFS-V	L15259-04	5/29/2009	Se-75	-2.20E+00	5.20E+00	1.70E+01
TV	OFS-V	L15259-04	5/29/2009	Zn-65	-3.00E+01	1.80E+01	6.40E+01
TV	OFS-V	L15259-04	5/29/2009	Zr-95	1.20E+01	1.00E+01	3.40E+01
TV	ONS-V W	L15359-01	6/29/2009	AcTh-228	7.40E+01	4.50E+01	1.40E+02
TV	ONS-V W	L15359-01	6/29/2009	Ag-108m	4.00E+00	1.20E+01	4.30E+01
TV	ONS-V W	L15359-01	6/29/2009	Ag-110m	3.00E+00	1.70E+01	6.40E+01
TV	ONS-V W	L15359-01	6/29/2009	Ba-140	2.60E+01	2.10E+01	7.10E+01
TV	ONS-V W	L15359-01	6/29/2009	Be-7	1.80E+02	1.10E+02	3.60E+02
TV	ONS-V W	L15359-01	6/29/2009	Ce-141	-4.10E+01	1.60E+01	6.50E+01
TV	ONS-V W	L15359-01	6/29/2009	Ce-144	-6.00E+00	5.90E+01	2.10E+02
TV	ONS-V W	L15359-01	6/29/2009	Co-57	6.50E+00	7.50E+00	2.60E+01
TV	ONS-V W	L15359-01	6/29/2009	Co-58	-2.30E+01	1.20E+01	5.40E+01
TV	ONS-V W	L15359-01	6/29/2009	Co-60	0.00E+00	1.50E+01	5.90E+01
TV	ONS-V W	L15359-01	6/29/2009	Cr-51	1.70E+02	1.10E+02	3.60E+02
TV	ONS-V W	L15359-01	6/29/2009	Cs-134	-2.00E+01	9.40E+00	5.40E+01
TV	ONS-V W	L15359-01	6/29/2009	Cs-137	2.40E+01	1.20E+01	3.80E+01
TV	ONS-V W	L15359-01	6/29/2009	Fe-59	7.00E+00	2.70E+01	1.00E+02
TV	ONS-V W	L15359-01	6/29/2009	I-131	-9.10E+00	1.60E+00	4.80E+01
TV	ONS-V W	L15359-01	6/29/2009	K-40	3.65E+03	4.40E+02	9.50E+02 *
TV	ONS-V W	L15359-01	6/29/2009	La-140	2.60E+01	2.10E+01	7.10E+01
TV	ONS-V W	L15359-01	6/29/2009	Mn-54	1.20E+01	1.10E+01	3.90E+01
TV	ONS-V W	L15359-01	6/29/2009	Nb-95	1.10E+01	1.40E+01	4.90E+01
TV	ONS-V W	L15359-01	6/29/2009	Ru-103	-1.30E+01	1.30E+01	5.20E+01
TV	ONS-V W	L15359-01	6/29/2009	Ru-106	0.00E+00	1.20E+02	4.40E+02
TV	ONS-V W	L15359-01	6/29/2009	Sb-124	9.00E+00	3.40E+01	1.30E+02
TV	ONS-V W	L15359-01	6/29/2009	Sb-125	-2.20E+01	3.40E+01	1.30E+02
TV	ONS-V W	L15359-01	6/29/2009	Se-75	-7.00E+00	1.40E+01	5.40E+01
TV	ONS-V W	L15359-01	6/29/2009	Zn-65	3.20E+01	2.40E+01	8.10E+01
TV	ONS-V W	L15359-01	6/29/2009	Zr-95	-2.70E+01	2.10E+01	8.90E+01
TV	ONS-V M	L15359-02	6/29/2009	AcTh-228	1.26E+02	5.30E+01	1.50E+02
TV	ONS-V M	L15359-02	6/29/2009	Ag-108m	5.50E+00	6.10E+00	2.20E+01
TV	ONS-V M	L15359-02	6/29/2009	Ag-110m	5.00E+00	1.40E+01	5.50E+01
TV	ONS-V M	L15359-02	6/29/2009	Ba-140	1.80E+01	1.90E+01	7.20E+01
TV	ONS-V M	L15359-02	6/29/2009	Be-7	6.10E+02	1.50E+02	3.80E+02 *
TV	ONS-V M	L15359-02	6/29/2009	Ce-141	4.00E+00	1.10E+01	4.10E+01
TV	ONS-V M	L15359-02	6/29/2009	Ce-144	1.10E+01	4.90E+01	1.80E+02
TV	ONS-V M	L15359-02	6/29/2009	Co-57	-3.70E+00	5.40E+00	2.10E+01
TV	ONS-V M	L15359-02	6/29/2009	Co-58	3.00E+00	1.30E+01	4.90E+01
TV	ONS-V M	L15359-02	6/29/2009	Co-60	-1.40E+01	1.60E+01	7.20E+01
TV	ONS-V M	L15359-02	6/29/2009	Cr-51	-1.11E+02	8.20E+01	3.50E+02
TV	ONS-V M	L15359-02	6/29/2009	Cs-134	-6.30E+00	9.90E+00	5.50E+01
TV	ONS-V M	L15359-02	6/29/2009	Cs-137	1.00E+00	1.50E+01	5.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV (pCi/kg)	MDC (pCi/kg)
TV	ONS-V M	L15359-02	6/29/2009	Fe-59	-1.70E+01	3.50E+01	1.40E+02
TV	ONS-V M	L15359-02	6/29/2009	I-131	2.30E+01	1.70E+01	5.50E+01
TV	ONS-V M	L15359-02	6/29/2009	K-40	2.52E+03	3.90E+02	7.20E+02 *
TV	ONS-V M	L15359-02	6/29/2009	La-140	1.80E+01	1.90E+01	7.20E+01
TV	ONS-V M	L15359-02	6/29/2009	Mn-54	-2.50E+01	1.40E+01	6.30E+01
TV	ONS-V M	L15359-02	6/29/2009	Nb-95	2.10E+00	9.90E+00	4.00E+01
TV	ONS-V M	L15359-02	6/29/2009	Ru-103	-5.00E+00	1.00E+01	4.20E+01
TV	ONS-V M	L15359-02	6/29/2009	Ru-106	-1.60E+02	1.00E+02	4.60E+02
TV	ONS-V M	L15359-02	6/29/2009	Sb-124	2.20E+01	4.50E+01	1.70E+02
TV	ONS-V M	L15359-02	6/29/2009	Sb-125	6.70E+01	3.10E+01	9.30E+01
TV	ONS-V M	L15359-02	6/29/2009	Se-75	1.20E+01	1.30E+01	4.40E+01
TV	ONS-V M	L15359-02	6/29/2009	Zn-65	-3.20E+01	2.90E+01	1.30E+02
TV	ONS-V M	L15359-02	6/29/2009	Zr-95	4.00E+00	1.80E+01	7.20E+01
TV	ONS-V E	L15359-03	6/29/2009	AcTh-228	-5.00E+00	3.70E+01	1.40E+02
TV	ONS-V E	L15359-03	6/29/2009	Ag-108m	-2.12E+01	9.00E+00	3.70E+01
TV	ONS-V E	L15359-03	6/29/2009	Ag-110m	0.00E+00	1.50E+01	5.70E+01
TV	ONS-V E	L15359-03	6/29/2009	Ba-140	-1.00E+01	1.90E+01	8.00E+01
TV	ONS-V E	L15359-03	6/29/2009	Be-7	1.57E+03	1.80E+02	4.30E+02 *
TV	ONS-V E	L15359-03	6/29/2009	Ce-141	1.50E+01	1.40E+01	4.80E+01
TV	ONS-V E	L15359-03	6/29/2009	Ce-144	-7.60E+01	4.80E+01	1.80E+02
TV	ONS-V E	L15359-03	6/29/2009	Co-57	-6.70E+00	6.20E+00	2.30E+01
TV	ONS-V E	L15359-03	6/29/2009	Co-58	-6.00E+00	1.00E+01	4.10E+01
TV	ONS-V E	L15359-03	6/29/2009	Co-60	-3.00E+00	1.40E+01	5.50E+01
TV	ONS-V E	L15359-03	6/29/2009	Cr-51	1.20E+02	1.00E+02	3.50E+02
TV	ONS-V E	L15359-03	6/29/2009	Cs-134	-2.30E+00	9.30E+00	4.80E+01
TV	ONS-V E	L15359-03	6/29/2009	Cs-137	8.00E+00	1.10E+01	3.90E+01
TV	ONS-V E	L15359-03	6/29/2009	Fe-59	8.00E+00	2.20E+01	8.10E+01
TV	ONS-V E	L15359-03	6/29/2009	I-131	-4.00E-01	9.00E+00	5.40E+01
TV	ONS-V E	L15359-03	6/29/2009	K-40	2.81E+03	3.20E+02	6.10E+02 *
TV	ONS-V E	L15359-03	6/29/2009	La-140	-1.00E+01	1.90E+01	8.00E+01
TV	ONS-V E	L15359-03	6/29/2009	Mn-54	2.00E+00	1.10E+01	4.00E+01
TV	ONS-V E	L15359-03	6/29/2009	Nb-95	8.00E+00	1.40E+01	5.10E+01
TV	ONS-V E	L15359-03	6/29/2009	Ru-103	-1.00E+00	1.10E+01	4.10E+01
TV	ONS-V E	L15359-03	6/29/2009	Ru-106	2.00E+02	1.10E+02	3.60E+02
TV	ONS-V E	L15359-03	6/29/2009	Sb-124	0.00E+00	2.60E+01	1.10E+02
TV	ONS-V E	L15359-03	6/29/2009	Sb-125	-7.60E+01	2.90E+01	1.20E+02
TV	ONS-V E	L15359-03	6/29/2009	Se-75	-1.90E+01	1.30E+01	4.90E+01
TV	ONS-V E	L15359-03	6/29/2009	Zn-65	-1.90E+01	2.70E+01	1.10E+02
TV	ONS-V E	L15359-03	6/29/2009	Zr-95	1.30E+01	2.00E+01	7.20E+01
TV	OFS-V	L15359-04	6/29/2009	AcTh-228	-4.20E+01	5.40E+01	2.20E+02
TV	OFS-V	L15359-04	6/29/2009	Ag-108m	0.00E+00	7.20E+00	2.80E+01
TV	OFS-V	L15359-04	6/29/2009	Ag-110m	-1.40E+01	1.70E+01	7.00E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	OFS-V	L15359-04	6/29/2009	Ba-140	0.00E+00	2.00E+01	8.30E+01
TV	OFS-V	L15359-04	6/29/2009	Be-7	3.40E+02	1.50E+02	4.90E+02
TV	OFS-V	L15359-04	6/29/2009	Ce-141	1.00E+01	1.10E+01	3.90E+01
TV	OFS-V	L15359-04	6/29/2009	Ce-144	7.40E+01	5.10E+01	1.70E+02
TV	OFS-V	L15359-04	6/29/2009	Co-57	-2.10E+00	5.20E+00	1.90E+01
TV	OFS-V	L15359-04	6/29/2009	Co-58	1.00E+00	1.10E+01	4.30E+01
TV	OFS-V	L15359-04	6/29/2009	Co-60	6.30E+00	9.20E+00	3.60E+01
TV	OFS-V	L15359-04	6/29/2009	Cr-51	-1.32E+02	9.20E+01	3.60E+02
TV	OFS-V	L15359-04	6/29/2009	Cs-134	6.40E+00	8.70E+00	4.00E+01
TV	OFS-V	L15359-04	6/29/2009	Cs-137	2.00E+00	1.30E+01	4.80E+01
TV	OFS-V	L15359-04	6/29/2009	Fe-59	3.00E+01	2.60E+01	9.10E+01
TV	OFS-V	L15359-04	6/29/2009	I-131	6.00E+00	1.20E+01	5.60E+01
TV	OFS-V	L15359-04	6/29/2009	K-40	4.16E+03	4.40E+02	7.70E+02 *
TV	OFS-V	L15359-04	6/29/2009	La-140	0.00E+00	2.00E+01	8.30E+01
TV	OFS-V	L15359-04	6/29/2009	Mn-54	3.00E+00	1.00E+01	4.00E+01
TV	OFS-V	L15359-04	6/29/2009	Nb-95	-1.00E+00	1.50E+01	5.70E+01
TV	OFS-V	L15359-04	6/29/2009	Ru-103	-7.00E+00	1.10E+01	4.30E+01
TV	OFS-V	L15359-04	6/29/2009	Ru-106	-7.00E+01	1.20E+02	4.60E+02
TV	OFS-V	L15359-04	6/29/2009	Sb-124	-4.00E+01	3.20E+01	1.50E+02
TV	OFS-V	L15359-04	6/29/2009	Sb-125	1.30E+01	2.40E+01	8.70E+01
TV	OFS-V	L15359-04	6/29/2009	Se-75	1.30E+01	1.10E+01	3.70E+01
TV	OFS-V	L15359-04	6/29/2009	Zn-65	-3.70E+01	3.00E+01	1.30E+02
TV	OFS-V	L15359-04	6/29/2009	Zr-95	-2.00E+01	1.40E+01	6.70E+01
TV	ONS-V W	L15496-01	7/30/2009	AcTh-228	1.00E+01	5.00E+01	1.90E+02
TV	ONS-V W	L15496-01	7/30/2009	Ag-108m	1.40E+01	1.00E+01	3.50E+01
TV	ONS-V W	L15496-01	7/30/2009	Ag-110m	-2.10E+01	1.80E+01	7.40E+01
TV	ONS-V W	L15496-01	7/30/2009	Ba-140	2.30E+01	2.30E+01	8.40E+01
TV	ONS-V W	L15496-01	7/30/2009	Be-7	7.50E+02	1.60E+02	4.30E+02 *
TV	ONS-V W	L15496-01	7/30/2009	Ce-141	-1.90E+01	1.70E+01	6.50E+01
TV	ONS-V W	L15496-01	7/30/2009	Ce-144	5.20E+01	5.80E+01	2.00E+02
TV	ONS-V W	L15496-01	7/30/2009	Co-57	1.20E+00	7.40E+00	2.60E+01
TV	ONS-V W	L15496-01	7/30/2009	Co-58	8.00E+00	1.20E+01	4.50E+01
TV	ONS-V W	L15496-01	7/30/2009	Co-60	1.30E+01	1.30E+01	4.40E+01
TV	ONS-V W	L15496-01	7/30/2009	Cr-51	3.00E+01	1.10E+02	4.10E+02
TV	ONS-V W	L15496-01	7/30/2009	Cs-134	-3.70E+00	9.80E+00	4.60E+01
TV	ONS-V W	L15496-01	7/30/2009	Cs-137	-5.00E+00	1.20E+01	4.70E+01
TV	ONS-V W	L15496-01	7/30/2009	Fe-59	-2.00E+01	2.80E+01	1.20E+02
TV	ONS-V W	L15496-01	7/30/2009	I-131	6.00E+00	1.20E+01	5.10E+01
TV	ONS-V W	L15496-01	7/30/2009	K-40	3.57E+03	4.10E+02	7.90E+02 *
TV	ONS-V W	L15496-01	7/30/2009	La-140	2.30E+01	2.30E+01	8.40E+01
TV	ONS-V W	L15496-01	7/30/2009	Mn-54	5.00E+00	1.60E+01	5.70E+01
TV	ONS-V W	L15496-01	7/30/2009	Nb-95	-4.00E+00	1.60E+01	6.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

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Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	ONS-V W	L15496-01	7/30/2009	Ru-103	-7.00E+00	1.50E+01	5.60E+01
TV	ONS-V W	L15496-01	7/30/2009	Ru-106	1.00E+02	1.10E+02	3.70E+02
TV	ONS-V W	L15496-01	7/30/2009	Sb-124	-1.90E+01	2.70E+01	1.20E+02
TV	ONS-V W	L15496-01	7/30/2009	Sb-125	-3.30E+01	3.00E+01	1.20E+02
TV	ONS-V W	L15496-01	7/30/2009	Se-75	-9.00E+00	1.50E+01	5.50E+01
TV	ONS-V W	L15496-01	7/30/2009	Zn-65	4.00E+00	4.00E+01	1.50E+02
TV	ONS-V W	L15496-01	7/30/2009	Zr-95	2.70E+01	2.30E+01	7.70E+01
TV	ONS-V M	L15496-02	7/30/2009	AcTh-228	-1.10E+01	4.60E+01	1.80E+02
TV	ONS-V M	L15496-02	7/30/2009	Ag-108m	-2.10E+00	9.20E+00	3.40E+01
TV	ONS-V M	L15496-02	7/30/2009	Ag-110m	-7.00E+00	1.80E+01	6.90E+01
TV	ONS-V M	L15496-02	7/30/2009	Ba-140	-3.10E+01	2.40E+01	1.10E+02
TV	ONS-V M	L15496-02	7/30/2009	Be-7	1.32E+03	1.60E+02	3.20E+02 *
TV	ONS-V M	L15496-02	7/30/2009	Ce-141	-1.00E+00	1.50E+01	5.40E+01
TV	ONS-V M	L15496-02	7/30/2009	Ce-144	3.50E+01	4.90E+01	1.70E+02
TV	ONS-V M	L15496-02	7/30/2009	Co-57	-1.07E+01	6.50E+00	2.50E+01
TV	ONS-V M	L15496-02	7/30/2009	Co-58	-2.00E+00	1.10E+01	4.30E+01
TV	ONS-V M	L15496-02	7/30/2009	Co-60	-5.40E+00	9.40E+00	4.10E+01
TV	ONS-V M	L15496-02	7/30/2009	Cr-51	-2.00E+01	1.00E+02	3.70E+02
TV	ONS-V M	L15496-02	7/30/2009	Cs-134	7.50E+00	9.30E+00	4.30E+01
TV	ONS-V M	L15496-02	7/30/2009	Cs-137	7.00E+00	1.10E+01	4.00E+01
TV	ONS-V M	L15496-02	7/30/2009	Fe-59	2.20E+01	2.60E+01	9.30E+01
TV	ONS-V M	L15496-02	7/30/2009	I-131	-5.26E+00	9.20E-01	3.70E+01
TV	ONS-V M	L15496-02	7/30/2009	K-40	1.93E+03	2.80E+02	6.10E+02 *
TV	ONS-V M	L15496-02	7/30/2009	La-140	-3.10E+01	2.40E+01	1.10E+02
TV	ONS-V M	L15496-02	7/30/2009	Mn-54	2.00E+00	1.20E+01	4.40E+01
TV	ONS-V M	L15496-02	7/30/2009	Nb-95	7.00E+00	1.50E+01	5.40E+01
TV	ONS-V M	L15496-02	7/30/2009	Ru-103	-2.10E+01	1.10E+01	4.50E+01
TV	ONS-V M	L15496-02	7/30/2009	Ru-106	7.80E+01	9.90E+01	3.50E+02
TV	ONS-V M	L15496-02	7/30/2009	Sb-124	1.50E+01	2.60E+01	1.00E+02
TV	ONS-V M	L15496-02	7/30/2009	Sb-125	0.00E+00	2.60E+01	9.50E+01
TV	ONS-V M	L15496-02	7/30/2009	Se-75	-1.20E+01	1.20E+01	4.70E+01
TV	ONS-V M	L15496-02	7/30/2009	Zn-65	-1.40E+01	2.90E+01	1.10E+02
TV	ONS-V M	L15496-02	7/30/2009	Zr-95	-4.00E+00	1.90E+01	7.40E+01
TV	ONS-V E	L15496-03	7/30/2009	AcTh-228	-3.60E+01	4.50E+01	1.80E+02
TV	ONS-V E	L15496-03	7/30/2009	Ag-108m	-4.00E+00	1.00E+01	3.80E+01
TV	ONS-V E	L15496-03	7/30/2009	Ag-110m	-1.90E+01	1.50E+01	6.40E+01
TV	ONS-V E	L15496-03	7/30/2009	Ba-140	-1.40E+01	2.90E+01	1.20E+02
TV	ONS-V E	L15496-03	7/30/2009	Be-7	1.56E+03	1.90E+02	4.10E+02 *
TV	ONS-V E	L15496-03	7/30/2009	Ce-141	-3.20E+01	1.60E+01	6.30E+01
TV	ONS-V E	L15496-03	7/30/2009	Ce-144	-8.00E+00	5.40E+01	2.00E+02
TV	ONS-V E	L15496-03	7/30/2009	Co-57	-6.70E+00	6.90E+00	2.60E+01
TV	ONS-V E	L15496-03	7/30/2009	Co-58	9.00E+00	1.20E+01	4.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/ kg)
TV	ONS-V E	L15496-03	7/30/2009	Co-60	-6.00E+00	1.40E+01	5.60E+01
TV	ONS-V E	L15496-03	7/30/2009	Cr-51	-1.10E+02	1.00E+02	4.00E+02
TV	ONS-V E	L15496-03	7/30/2009	Cs-134	-4.90E+00	9.00E+00	4.60E+01
TV	ONS-V E	L15496-03	7/30/2009	Cs-137	7.00E+00	1.40E+01	5.00E+01
TV	ONS-V E	L15496-03	7/30/2009	Fe-59	1.50E+01	3.10E+01	1.10E+02
TV	ONS-V E	L15496-03	7/30/2009	I-131	-4.01E+00	6.80E-01	2.40E+01
TV	ONS-V E	L15496-03	7/30/2009	K-40	1.39E+03	2.60E+02	6.00E+02 *
TV	ONS-V E	L15496-03	7/30/2009	La-140	-1.40E+01	2.90E+01	1.20E+02
TV	ONS-V E	L15496-03	7/30/2009	Mn-54	0.00E+00	1.20E+01	4.60E+01
TV	ONS-V E	L15496-03	7/30/2009	Nb-95	-1.40E+01	1.30E+01	5.50E+01
TV	ONS-V E	L15496-03	7/30/2009	Ru-103	8.00E+00	1.40E+01	4.80E+01
TV	ONS-V E	L15496-03	7/30/2009	Ru-106	8.00E+01	1.20E+02	4.10E+02
TV	ONS-V E	L15496-03	7/30/2009	Sb-124	-5.30E+01	3.30E+01	1.50E+02
TV	ONS-V E	L15496-03	7/30/2009	Sb-125	2.20E+01	3.10E+01	1.10E+02
TV	ONS-V E	L15496-03	7/30/2009	Se-75	-1.10E+01	1.30E+01	4.90E+01
TV	ONS-V E	L15496-03	7/30/2009	Zn-65	5.00E+00	2.60E+01	9.90E+01
TV	ONS-V E	L15496-03	7/30/2009	Zr-95	2.50E+01	2.30E+01	8.00E+01
TV	OFS-V	L15496-04	7/30/2009	AcTh-228	1.20E+01	4.60E+01	1.70E+02
TV	OFS-V	L15496-04	7/30/2009	Ag-108m	9.50E+00	9.50E+00	3.30E+01
TV	OFS-V	L15496-04	7/30/2009	Ag-110m	2.00E+01	2.10E+01	7.20E+01
TV	OFS-V	L15496-04	7/30/2009	Ba-140	0.00E+00	2.30E+01	9.90E+01
TV	OFS-V	L15496-04	7/30/2009	Be-7	7.00E+02	1.70E+02	4.70E+02 *
TV	OFS-V	L15496-04	7/30/2009	Ce-141	-6.00E+00	1.30E+01	4.80E+01
TV	OFS-V	L15496-04	7/30/2009	Ce-144	-3.80E+01	4.80E+01	1.80E+02
TV	OFS-V	L15496-04	7/30/2009	Co-57	4.20E+00	6.00E+00	2.10E+01
TV	OFS-V	L15496-04	7/30/2009	Co-58	-1.32E+01	9.80E+00	4.40E+01
TV	OFS-V	L15496-04	7/30/2009	Co-60	1.00E+00	1.30E+01	5.30E+01
TV	OFS-V	L15496-04	7/30/2009	Cr-51	-4.00E+01	1.10E+02	3.90E+02
TV	OFS-V	L15496-04	7/30/2009	Cs-134	7.60E+00	9.30E+00	4.40E+01
TV	OFS-V	L15496-04	7/30/2009	Cs-137	-1.00E+01	1.30E+01	5.10E+01
TV	OFS-V	L15496-04	7/30/2009	Fe-59	3.10E+01	2.80E+01	9.80E+01
TV	OFS-V	L15496-04	7/30/2009	I-131	9.00E-01	4.60E+00	2.60E+01
TV	OFS-V	L15496-04	7/30/2009	K-40	1.79E+03	2.90E+02	6.00E+02 *
TV	OFS-V	L15496-04	7/30/2009	La-140	0.00E+00	2.30E+01	9.90E+01
TV	OFS-V	L15496-04	7/30/2009	Mn-54	1.60E+01	1.10E+01	3.50E+01
TV	OFS-V	L15496-04	7/30/2009	Nb-95	5.00E+00	1.40E+01	5.10E+01
TV	OFS-V	L15496-04	7/30/2009	Ru-103	2.00E+00	1.20E+01	4.40E+01
TV	OFS-V	L15496-04	7/30/2009	Ru-106	6.00E+01	1.10E+02	4.10E+02
TV	OFS-V	L15496-04	7/30/2009	Sb-124	-1.00E+01	3.00E+01	1.30E+02
TV	OFS-V	L15496-04	7/30/2009	Sb-125	-1.20E+01	2.90E+01	1.10E+02
TV	OFS-V	L15496-04	7/30/2009	Se-75	-3.30E+00	9.90E+00	3.70E+01
TV	OFS-V	L15496-04	7/30/2009	Zn-65	3.60E+01	3.20E+01	1.10E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	OFS-V	L15496-04	7/30/2009	Zr-95	-6.00E+00	1.90E+01	7.50E+01
TV	ONS-V W	L15600-01	8/31/2009	AcTh-228	-9.00E+00	3.50E+01	1.30E+02
TV	ONS-V W	L15600-01	8/31/2009	Ag-108m	2.40E+00	7.10E+00	2.50E+01
TV	ONS-V W	L15600-01	8/31/2009	Ag-110m	-8.00E+00	1.50E+01	5.80E+01
TV	ONS-V W	L15600-01	8/31/2009	Ba-140	-1.15E+02	5.50E+01	2.60E+02
TV	ONS-V W	L15600-01	8/31/2009	Be-7	2.85E+03	2.20E+02	4.00E+02 *
TV	ONS-V W	L15600-01	8/31/2009	Ce-141	5.20E+01	1.90E+01	5.80E+01
TV	ONS-V W	L15600-01	8/31/2009	Ce-144	4.00E+00	4.20E+01	1.50E+02
TV	ONS-V W	L15600-01	8/31/2009	Co-57	6.50E+00	5.50E+00	1.90E+01
TV	ONS-V W	L15600-01	8/31/2009	Co-58	2.00E+00	1.20E+01	4.50E+01
TV	ONS-V W	L15600-01	8/31/2009	Co-60	2.10E+00	9.00E+00	3.50E+01
TV	ONS-V W	L15600-01	8/31/2009	Cr-51	-3.00E+01	1.30E+02	4.70E+02
TV	ONS-V W	L15600-01	8/31/2009	Cs-134	2.10E+00	6.40E+00	2.90E+01
TV	ONS-V W	L15600-01	8/31/2009	Cs-137	-4.20E+00	9.10E+00	3.50E+01
TV	ONS-V W	L15600-01	8/31/2009	Fe-59	1.70E+01	2.60E+01	9.40E+01
TV	ONS-V W	L15600-01	8/31/2009	I-131	5.30E+01	2.20E+01	4.70E+01
TV	ONS-V W	L15600-01	8/31/2009	K-40	3.42E+03	3.00E+02	4.80E+02 *
TV	ONS-V W	L15600-01	8/31/2009	La-140	-1.15E+02	5.50E+01	2.60E+02
TV	ONS-V W	L15600-01	8/31/2009	Mn-54	-4.60E+00	9.20E+00	3.60E+01
TV	ONS-V W	L15600-01	8/31/2009	Nb-95	3.00E+00	1.50E+01	5.50E+01
TV	ONS-V W	L15600-01	8/31/2009	Ru-103	8.00E+00	1.30E+01	4.50E+01
TV	ONS-V W	L15600-01	8/31/2009	Ru-106	-8.50E+01	9.50E+01	3.60E+02
TV	ONS-V W	L15600-01	8/31/2009	Sb-124	6.40E+01	2.80E+01	7.70E+01
TV	ONS-V W	L15600-01	8/31/2009	Sb-125	-1.30E+01	2.00E+01	7.80E+01
TV	ONS-V W	L15600-01	8/31/2009	Se-75	8.00E+00	1.00E+01	3.60E+01
TV	ONS-V W	L15600-01	8/31/2009	Zn-65	-3.10E+01	2.00E+01	8.40E+01
TV	ONS-V W	L15600-01	8/31/2009	Zr-95	1.70E+01	2.00E+01	7.00E+01
TV	ONS-V M	L15600-02	8/31/2009	AcTh-228	2.40E+01	5.40E+01	2.00E+02
TV	ONS-V M	L15600-02	8/31/2009	Ag-108m	1.26E+01	9.10E+00	3.10E+01
TV	ONS-V M	L15600-02	8/31/2009	Ag-110m	8.00E+00	1.80E+01	6.80E+01
TV	ONS-V M	L15600-02	8/31/2009	Ba-140	1.10E+02	1.10E+02	3.70E+02
TV	ONS-V M	L15600-02	8/31/2009	Be-7	2.71E+03	3.00E+02	6.40E+02 *
TV	ONS-V M	L15600-02	8/31/2009	Ce-141	4.10E+01	2.30E+01	7.50E+01
TV	ONS-V M	L15600-02	8/31/2009	Ce-144	-2.00E+00	5.60E+01	2.00E+02
TV	ONS-V M	L15600-02	8/31/2009	Co-57	2.90E+00	6.30E+00	2.20E+01
TV	ONS-V M	L15600-02	8/31/2009	Co-58	-2.20E+01	1.30E+01	6.10E+01
TV	ONS-V M	L15600-02	8/31/2009	Co-60	5.00E+00	1.70E+01	6.50E+01
TV	ONS-V M	L15600-02	8/31/2009	Cr-51	-3.80E+02	2.00E+02	7.80E+02
TV	ONS-V M	L15600-02	8/31/2009	Cs-134	-1.10E+01	8.80E+00	4.80E+01
TV	ONS-V M	L15600-02	8/31/2009	Cs-137	-1.70E+01	1.50E+01	5.90E+01
TV	ONS-V M	L15600-02	8/31/2009	Fe-59	-6.70E+01	4.40E+01	1.90E+02
TV	ONS-V M	L15600-02	8/31/2009	I-131	-7.60E+00	1.40E+00	5.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD DEV. (pCi/kg)	MDC (pCi/kg)
TV	ONS-V M	L15600-02	8/31/2009	K-40	1.55E+03	3.10E+02	7.30E+02 *
TV	ONS-V M	L15600-02	8/31/2009	La-140	1.10E+02	1.10E+02	3.70E+02
TV	ONS-V M	L15600-02	8/31/2009	Mn-54	3.00E+01	1.40E+01	4.00E+01
TV	ONS-V M	L15600-02	8/31/2009	Nb-95	-3.00E+01	2.00E+01	8.80E+01
TV	ONS-V M	L15600-02	8/31/2009	Ru-103	-1.60E+01	1.70E+01	6.80E+01
TV	ONS-V M	L15600-02	8/31/2009	Ru-106	1.90E+02	1.30E+02	4.30E+02
TV	ONS-V M	L15600-02	8/31/2009	Sb-124	-1.02E+02	4.80E+01	2.40E+02
TV	ONS-V M	L15600-02	8/31/2009	Sb-125	3.90E+01	3.10E+01	1.10E+02
TV	ONS-V M	L15600-02	8/31/2009	Se-75	-6.00E+00	1.40E+01	5.20E+01
TV	ONS-V M	L15600-02	8/31/2009	Zn-65	-6.50E+01	3.00E+01	1.40E+02
TV	ONS-V M	L15600-02	8/31/2009	Zr-95	3.00E+00	2.70E+01	1.00E+02
TV	ONS-V E	L15600-03	8/31/2009	AcTh-228	-2.70E+01	3.80E+01	1.50E+02
TV	ONS-V E	L15600-03	8/31/2009	Ag-108m	2.10E+00	6.70E+00	2.40E+01
TV	ONS-V E	L15600-03	8/31/2009	Ag-110m	5.00E+00	1.40E+01	5.10E+01
TV	ONS-V E	L15600-03	8/31/2009	Ba-140	-1.50E+01	4.80E+01	2.10E+02
TV	ONS-V E	L15600-03	8/31/2009	Be-7	3.89E+03	2.60E+02	4.20E+02 *
TV	ONS-V E	L15600-03	8/31/2009	Ce-141	2.50E+01	2.00E+01	6.60E+01
TV	ONS-V E	L15600-03	8/31/2009	Ce-144	-3.40E+01	4.50E+01	1.70E+02
TV	ONS-V E	L15600-03	8/31/2009	Co-57	-3.90E+00	6.10E+00	2.20E+01
TV	ONS-V E	L15600-03	8/31/2009	Co-58	-2.00E+00	1.20E+01	4.70E+01
TV	ONS-V E	L15600-03	8/31/2009	Co-60	-2.30E+00	9.40E+00	3.80E+01
TV	ONS-V E	L15600-03	8/31/2009	Cr-51	3.30E+02	1.50E+02	4.90E+02
TV	ONS-V E	L15600-03	8/31/2009	Cs-134	-7.00E-01	8.90E+00	4.10E+01
TV	ONS-V E	L15600-03	8/31/2009	Cs-137	7.00E-01	8.80E+00	3.30E+01
TV	ONS-V E	L15600-03	8/31/2009	Fe-59	-8.00E+00	2.90E+01	1.10E+02
TV	ONS-V E	L15600-03	8/31/2009	I-131	1.00E+00	7.80E+00	4.50E+01
TV	ONS-V E	L15600-03	8/31/2009	K-40	1.57E+03	2.40E+02	5.50E+02 *
TV	ONS-V E	L15600-03	8/31/2009	La-140	-1.50E+01	4.80E+01	2.10E+02
TV	ONS-V E	L15600-03	8/31/2009	Mn-54	-1.00E+01	1.00E+01	4.00E+01
TV	ONS-V E	L15600-03	8/31/2009	Nb-95	-4.00E+00	1.70E+01	6.50E+01
TV	ONS-V E	L15600-03	8/31/2009	Ru-103	-5.00E+00	1.50E+01	5.50E+01
TV	ONS-V E	L15600-03	8/31/2009	Ru-106	-1.29E+02	9.10E+01	3.60E+02
TV	ONS-V E	L15600-03	8/31/2009	Sb-124	-3.20E+01	2.20E+01	1.10E+02
TV	ONS-V E	L15600-03	8/31/2009	Sb-125	6.00E+00	2.00E+01	7.20E+01
TV	ONS-V E	L15600-03	8/31/2009	Se-75	1.20E+01	1.30E+01	4.60E+01
TV	ONS-V E	L15600-03	8/31/2009	Zn-65	-2.50E+01	2.40E+01	9.70E+01
TV	ONS-V E	L15600-03	8/31/2009	Zr-95	2.90E+01	2.10E+01	6.90E+01
TV	OFS-V	L15600-04	8/31/2009	AcTh-228	-4.80E+01	4.90E+01	2.10E+02
TV	OFS-V	L15600-04	8/31/2009	Ag-108m	1.96E+01	8.90E+00	2.70E+01
TV	OFS-V	L15600-04	8/31/2009	Ag-110m	0.00E+00	1.50E+01	6.30E+01
TV	OFS-V	L15600-04	8/31/2009	Ba-140	2.80E+01	7.30E+01	3.00E+02
TV	OFS-V	L15600-04	8/31/2009	Be-7	1.40E+03	2.30E+02	5.20E+02 *

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	OFS-V	L15600-04	8/31/2009	Ce-141	-2.00E+01	1.80E+01	7.00E+01
TV	OFS-V	L15600-04	8/31/2009	Ce-144	3.90E+01	4.70E+01	1.60E+02
TV	OFS-V	L15600-04	8/31/2009	Co-57	6.30E+00	5.40E+00	1.80E+01
TV	OFS-V	L15600-04	8/31/2009	Co-58	8.00E+00	1.40E+01	5.10E+01
TV	OFS-V	L15600-04	8/31/2009	Co-60	-4.00E+01	1.80E+01	8.60E+01
TV	OFS-V	L15600-04	8/31/2009	Cr-51	-3.00E+01	1.60E+02	6.00E+02
TV	OFS-V	L15600-04	8/31/2009	Cs-134	-4.10E+00	9.40E+00	4.60E+01
TV	OFS-V	L15600-04	8/31/2009	Cs-137	2.00E+00	1.30E+01	4.80E+01
TV	OFS-V	L15600-04	8/31/2009	Fe-59	3.00E+01	4.10E+01	1.50E+02
TV	OFS-V	L15600-04	8/31/2009	I-131	1.00E+01	1.20E+01	4.90E+01
TV	OFS-V	L15600-04	8/31/2009	K-40	1.69E+03	3.10E+02	6.10E+02 *
TV	OFS-V	L15600-04	8/31/2009	La-140	2.80E+01	7.30E+01	3.00E+02
TV	OFS-V	L15600-04	8/31/2009	Mn-54	1.00E+00	1.30E+01	5.00E+01
TV	OFS-V	L15600-04	8/31/2009	Nb-95	2.00E+00	2.20E+01	8.50E+01
TV	OFS-V	L15600-04	8/31/2009	Ru-103	1.00E+01	1.70E+01	6.30E+01
TV	OFS-V	L15600-04	8/31/2009	Ru-106	0.00E+00	1.20E+02	4.60E+02
TV	OFS-V	L15600-04	8/31/2009	Sb-124	1.50E+01	3.40E+01	1.40E+02
TV	OFS-V	L15600-04	8/31/2009	Sb-125	4.00E+01	2.70E+01	8.80E+01
TV	OFS-V	L15600-04	8/31/2009	Se-75	9.00E+00	1.30E+01	4.50E+01
TV	OFS-V	L15600-04	8/31/2009	Zn-65	3.00E+01	3.00E+01	1.10E+02
TV	OFS-V	L15600-04	8/31/2009	Zr-95	1.90E+01	2.70E+01	9.70E+01
TV	ONS-V W	L15713-01	9/28/2009	AcTh-228	2.00E+00	5.50E+01	2.10E+02
TV	ONS-V W	L15713-01	9/28/2009	Ag-108m	1.00E+00	9.60E+00	3.70E+01
TV	ONS-V W	L15713-01	9/28/2009	Ag-110m	-1.20E+01	1.40E+01	6.50E+01
TV	ONS-V W	L15713-01	9/28/2009	Ba-140	0.00E+00	4.20E+01	1.90E+02
TV	ONS-V W	L15713-01	9/28/2009	Be-7	1.57E+03	2.60E+02	6.30E+02 *
TV	ONS-V W	L15713-01	9/28/2009	Ce-141	2.30E+01	2.20E+01	7.60E+01
TV	ONS-V W	L15713-01	9/28/2009	Ce-144	5.80E+01	6.30E+01	2.20E+02
TV	ONS-V W	L15713-01	9/28/2009	Co-57	2.10E+00	7.30E+00	2.60E+01
TV	ONS-V W	L15713-01	9/28/2009	Co-58	-4.00E+00	1.10E+01	4.80E+01
TV	ONS-V W	L15713-01	9/28/2009	Co-60	-4.00E+00	1.20E+01	5.20E+01
TV	ONS-V W	L15713-01	9/28/2009	Cr-51	-1.30E+02	1.40E+02	5.60E+02
TV	ONS-V W	L15713-01	9/28/2009	Cs-134	5.60E+00	6.70E+00	3.70E+01
TV	ONS-V W	L15713-01	9/28/2009	Cs-137	3.00E+00	1.10E+01	4.40E+01
TV	ONS-V W	L15713-01	9/28/2009	Fe-59	3.50E+01	3.90E+01	1.40E+02
TV	ONS-V W	L15713-01	9/28/2009	I-131	4.30E+00	8.20E+00	4.10E+01
TV	ONS-V W	L15713-01	9/28/2009	K-40	8.20E+02	2.60E+02	7.30E+02 *
TV	ONS-V W	L15713-01	9/28/2009	La-140	0.00E+00	4.20E+01	1.90E+02
TV	ONS-V W	L15713-01	9/28/2009	Mn-54	-1.90E+01	1.30E+01	5.70E+01
TV	ONS-V W	L15713-01	9/28/2009	Nb-95	5.00E+00	1.90E+01	7.40E+01
TV	ONS-V W	L15713-01	9/28/2009	Ru-103	-5.00E+00	1.40E+01	5.60E+01
TV	ONS-V W	L15713-01	9/28/2009	Ru-106	1.30E+02	1.50E+02	5.10E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD DEV. (pCi/kg)	MDC (pCi/ kg)
TV	ONS-V W	L15713-01	9/28/2009	Sb-124	2.70E+01	3.40E+01	1.30E+02
TV	ONS-V W	L15713-01	9/28/2009	Sb-125	1.70E+01	2.80E+01	1.00E+02
TV	ONS-V W	L15713-01	9/28/2009	Se-75	2.10E+01	1.50E+01	4.90E+01
TV	ONS-V W	L15713-01	9/28/2009	Zn-65	-8.70E+01	3.40E+01	1.60E+02
TV	ONS-V W	L15713-01	9/28/2009	Zr-95	-1.30E+01	2.20E+01	9.60E+01
TV	ONS-V M	L15713-02	9/28/2009	AcTh-228	1.10E+01	5.60E+01	2.10E+02
TV	ONS-V M	L15713-02	9/28/2009	Ag-108m	0.00E+00	9.90E+00	3.80E+01
TV	ONS-V M	L15713-02	9/28/2009	Ag-110m	2.90E+01	1.50E+01	4.40E+01
TV	ONS-V M	L15713-02	9/28/2009	Ba-140	-2.00E+01	4.40E+01	2.10E+02
TV	ONS-V M	L15713-02	9/28/2009	Be-7	1.53E+03	2.60E+02	6.50E+02 *
TV	ONS-V M	L15713-02	9/28/2009	Ce-141	0.00E+00	1.80E+01	6.50E+01
TV	ONS-V M	L15713-02	9/28/2009	Ce-144	-1.06E+02	6.10E+01	2.40E+02
TV	ONS-V M	L15713-02	9/28/2009	Co-57	4.00E-01	6.80E+00	2.50E+01
TV	ONS-V M	L15713-02	9/28/2009	Co-58	-7.00E+00	1.30E+01	5.70E+01
TV	ONS-V M	L15713-02	9/28/2009	Co-60	3.00E+00	1.30E+01	5.50E+01
TV	ONS-V M	L15713-02	9/28/2009	Cr-51	5.00E+01	1.50E+02	5.40E+02
TV	ONS-V M	L15713-02	9/28/2009	Cs-134	2.00E+00	1.10E+01	4.60E+01
TV	ONS-V M	L15713-02	9/28/2009	Cs-137	-1.00E+00	1.40E+01	5.40E+01
TV	ONS-V M	L15713-02	9/28/2009	Fe-59	6.00E+01	3.70E+01	1.20E+02
TV	ONS-V M	L15713-02	9/28/2009	I-131	2.60E+00	9.40E+00	5.10E+01
TV	ONS-V M	L15713-02	9/28/2009	K-40	4.16E+03	4.80E+02	7.30E+02 *
TV	ONS-V M	L15713-02	9/28/2009	La-140	-2.00E+01	4.40E+01	2.10E+02
TV	ONS-V M	L15713-02	9/28/2009	Mn-54	6.00E+00	1.30E+01	4.70E+01
TV	ONS-V M	L15713-02	9/28/2009	Nb-95	-1.10E+01	1.80E+01	7.60E+01
TV	ONS-V M	L15713-02	9/28/2009	Ru-103	3.50E+01	1.50E+01	4.50E+01
TV	ONS-V M	L15713-02	9/28/2009	Ru-106	-1.40E+02	1.40E+02	5.70E+02
TV	ONS-V M	L15713-02	9/28/2009	Sb-124	0.00E+00	3.10E+01	1.50E+02
TV	ONS-V M	L15713-02	9/28/2009	Sb-125	-2.90E+01	3.20E+01	1.30E+02
TV	ONS-V M	L15713-02	9/28/2009	Se-75	6.00E+00	1.30E+01	4.60E+01
TV	ONS-V M	L15713-02	9/28/2009	Zn-65	4.20E+01	3.70E+01	1.30E+02
TV	ONS-V M	L15713-02	9/28/2009	Zr-95	-3.00E+00	2.80E+01	1.10E+02
TV	ONS-V E	L15713-03	9/28/2009	AcTh-228	4.20E+01	4.40E+01	1.50E+02
TV	ONS-V E	L15713-03	9/28/2009	Ag-108m	-1.40E+00	9.30E+00	3.50E+01
TV	ONS-V E	L15713-03	9/28/2009	Ag-110m	-3.40E+01	1.70E+01	7.40E+01
TV	ONS-V E	L15713-03	9/28/2009	Ba-140	0.00E+00	2.90E+01	1.30E+02
TV	ONS-V E	L15713-03	9/28/2009	Be-7	2.05E+03	2.30E+02	5.10E+02 *
TV	ONS-V E	L15713-03	9/28/2009	Ce-141	-4.00E+00	2.00E+01	7.20E+01
TV	ONS-V E	L15713-03	9/28/2009	Ce-144	-5.60E+01	4.90E+01	1.90E+02
TV	ONS-V E	L15713-03	9/28/2009	Co-57	-4.00E-01	7.00E+00	2.50E+01
TV	ONS-V E	L15713-03	9/28/2009	Co-58	0.00E+00	1.40E+01	5.20E+01
TV	ONS-V E	L15713-03	9/28/2009	Co-60	1.50E+01	1.10E+01	3.60E+01
TV	ONS-V E	L15713-03	9/28/2009	Cr-51	-9.00E+01	1.30E+02	5.00E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	ONS-V E	L15713-03	9/28/2009	Cs-134	4.30E+00	8.30E+00	4.20E+01
TV	ONS-V E	L15713-03	9/28/2009	Cs-137	4.00E+00	1.20E+01	4.50E+01
TV	ONS-V E	L15713-03	9/28/2009	Fe-59	1.80E+01	3.10E+01	1.10E+02
TV	ONS-V E	L15713-03	9/28/2009	I-131	2.40E+01	1.80E+01	5.80E+01
TV	ONS-V E	L15713-03	9/28/2009	K-40	3.21E+03	3.40E+02	5.50E+02 *
TV	ONS-V E	L15713-03	9/28/2009	La-140	0.00E+00	2.90E+01	1.30E+02
TV	ONS-V E	L15713-03	9/28/2009	Mn-54	1.90E+01	1.10E+01	3.40E+01
TV	ONS-V E	L15713-03	9/28/2009	Nb-95	3.00E+00	1.80E+01	6.60E+01
TV	ONS-V E	L15713-03	9/28/2009	Ru-103	-3.00E+01	1.30E+01	5.70E+01
TV	ONS-V E	L15713-03	9/28/2009	Ru-106	-9.00E+01	1.10E+02	4.30E+02
TV	ONS-V E	L15713-03	9/28/2009	Sb-124	-2.80E+01	2.80E+01	1.30E+02
TV	ONS-V E	L15713-03	9/28/2009	Sb-125	-2.10E+01	2.90E+01	1.10E+02
TV	ONS-V E	L15713-03	9/28/2009	Se-75	-1.80E+01	1.40E+01	5.40E+01
TV	ONS-V E	L15713-03	9/28/2009	Zn-65	3.60E+01	3.00E+01	1.00E+02
TV	ONS-V E	L15713-03	9/28/2009	Zr-95	3.50E+01	2.40E+01	7.90E+01
TV	OFS-V	L15713-04	9/28/2009	AcTh-228	4.80E+01	5.20E+01	1.80E+02
TV	OFS-V	L15713-04	9/28/2009	Ag-108m	2.00E+00	1.00E+01	3.80E+01
TV	OFS-V	L15713-04	9/28/2009	Ag-110m	-5.00E+00	2.00E+01	7.80E+01
TV	OFS-V	L15713-04	9/28/2009	Ba-140	-3.10E+01	4.40E+01	2.00E+02
TV	OFS-V	L15713-04	9/28/2009	Be-7	6.90E+02	1.80E+02	5.10E+02 *
TV	OFS-V	L15713-04	9/28/2009	Ce-141	-9.00E+00	1.80E+01	6.90E+01
TV	OFS-V	L15713-04	9/28/2009	Ce-144	-1.50E+01	5.40E+01	2.00E+02
TV	OFS-V	L15713-04	9/28/2009	Co-57	6.50E+00	7.20E+00	2.50E+01
TV	OFS-V	L15713-04	9/28/2009	Co-58	-4.30E+01	1.60E+01	7.40E+01
TV	OFS-V	L15713-04	9/28/2009	Co-60	-4.00E+00	1.20E+01	5.20E+01
TV	OFS-V	L15713-04	9/28/2009	Cr-51	9.00E+01	1.20E+02	4.10E+02
TV	OFS-V	L15713-04	9/28/2009	Cs-134	9.70E+00	8.30E+00	3.70E+01
TV	OFS-V	L15713-04	9/28/2009	Cs-137	-3.70E+01	1.20E+01	6.00E+01
TV	OFS-V	L15713-04	9/28/2009	Fe-59	-5.00E+01	2.80E+01	1.40E+02
TV	OFS-V	L15713-04	9/28/2009	I-131	6.00E+00	1.10E+01	5.60E+01
TV	OFS-V	L15713-04	9/28/2009	K-40	3.00E+03	3.90E+02	7.20E+02 *
TV	OFS-V	L15713-04	9/28/2009	La-140	-3.10E+01	4.40E+01	2.00E+02
TV	OFS-V	L15713-04	9/28/2009	Mn-54	1.40E+01	1.30E+01	4.50E+01
TV	OFS-V	L15713-04	9/28/2009	Nb-95	-2.70E+01	2.00E+01	8.50E+01
TV	OFS-V	L15713-04	9/28/2009	Ru-103	1.00E+00	1.40E+01	5.30E+01
TV	OFS-V	L15713-04	9/28/2009	Ru-106	0.00E+00	1.10E+02	4.10E+02
TV	OFS-V	L15713-04	9/28/2009	Sb-124	3.70E+01	2.80E+01	9.10E+01
TV	OFS-V	L15713-04	9/28/2009	Sb-125	1.30E+01	2.90E+01	1.10E+02
TV	OFS-V	L15713-04	9/28/2009	Se-75	6.00E+00	1.30E+01	4.80E+01
TV	OFS-V	L15713-04	9/28/2009	Zn-65	2.80E+01	3.00E+01	1.10E+02
TV	OFS-V	L15713-04	9/28/2009	Zr-95	-2.90E+01	1.70E+01	8.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	OFS-V	L15713-04	9/28/2009	Ru-103	1.00E+00	1.40E+01	5.30E+01
TV	OFS-V	L15713-04	9/28/2009	Ru-106	0.00E+00	1.10E+02	4.10E+02
TV	OFS-V	L15713-04	9/28/2009	Sb-124	3.70E+01	2.80E+01	9.10E+01
TV	OFS-V	L15713-04	9/28/2009	Sb-125	1.30E+01	2.90E+01	1.10E+02
TV	OFS-V	L15713-04	9/28/2009	Se-75	6.00E+00	1.30E+01	4.80E+01
TV	OFS-V	L15713-04	9/28/2009	Zn-65	2.80E+01	3.00E+01	1.10E+02
TV	OFS-V	L15713-04	9/28/2009	Zr-95	-2.90E+01	1.70E+01	8.60E+01
TF	ONS-G	L15601-01	8/31/2009	AcTh-228	-4.10E+01	1.90E+01	7.40E+01
TF	ONS-G	L15601-01	8/31/2009	Ag-108m	-5.10E+00	4.30E+00	1.60E+01
TF	ONS-G	L15601-01	8/31/2009	Ag-110m	-7.90E+00	6.60E+00	2.50E+01
TF	ONS-G	L15601-01	8/31/2009	Ba-140	-2.00E+01	1.00E+01	4.30E+01
TF	ONS-G	L15601-01	8/31/2009	Be-7	1.02E+02	4.40E+01	1.40E+02
TF	ONS-G	L15601-01	8/31/2009	Ce-141	1.25E+01	7.50E+00	2.40E+01
TF	ONS-G	L15601-01	8/31/2009	Ce-144	-4.00E+00	2.50E+01	8.60E+01
TF	ONS-G	L15601-01	8/31/2009	Co-57	-6.40E+00	3.20E+00	1.20E+01
TF	ONS-G	L15601-01	8/31/2009	Co-58	-8.30E+00	4.70E+00	1.80E+01
TF	ONS-G	L15601-01	8/31/2009	Co-60	-6.50E+00	4.50E+00	1.80E+01
TF	ONS-G	L15601-01	8/31/2009	Cr-51	2.60E+01	4.60E+01	1.60E+02
TF	ONS-G	L15601-01	8/31/2009	Cs-134	-1.90E+00	3.30E+00	1.50E+01
TF	ONS-G	L15601-01	8/31/2009	Cs-137	2.30E+00	5.00E+00	1.70E+01
TF	ONS-G	L15601-01	8/31/2009	Fe-59	6.00E+00	1.00E+01	3.60E+01
TF	ONS-G	L15601-01	8/31/2009	I-131	-1.90E+01	1.60E+01	5.70E+01
TF	ONS-G	L15601-01	8/31/2009	I-131	-1.50E+00	9.50E+00	5.90E+01
TF	ONS-G	L15601-01	8/31/2009	K-40	2.29E+03	1.50E+02	2.90E+02 *
TF	ONS-G	L15601-01	8/31/2009	La-140	-2.00E+01	1.00E+01	4.30E+01
TF	ONS-G	L15601-01	8/31/2009	Mn-54	1.04E+01	4.60E+00	1.50E+01
TF	ONS-G	L15601-01	8/31/2009	Nb-95	8.80E+00	6.30E+00	2.10E+01
TF	ONS-G	L15601-01	8/31/2009	Ru-103	3.90E+00	5.70E+00	1.90E+01
TF	ONS-G	L15601-01	8/31/2009	Ru-106	6.20E+01	4.30E+01	1.40E+02
TF	ONS-G	L15601-01	8/31/2009	Sb-124	7.00E+00	1.20E+01	4.40E+01
TF	ONS-G	L15601-01	8/31/2009	Sb-125	-5.00E+00	1.30E+01	4.60E+01
TF	ONS-G	L15601-01	8/31/2009	Se-75	1.05E+01	5.60E+00	1.80E+01
TF	ONS-G	L15601-01	8/31/2009	Zn-65	-6.00E+00	1.20E+01	4.50E+01
TF	ONS-G	L15601-01	8/31/2009	Zr-95	3.60E+00	9.10E+00	3.20E+01
TF	OFS-G	L15601-02	8/31/2009	AcTh-228	-1.40E+01	3.70E+01	1.50E+02
TF	OFS-G	L15601-02	8/31/2009	Ag-108m	-9.50E+00	8.00E+00	3.20E+01
TF	OFS-G	L15601-02	8/31/2009	Ag-110m	-5.00E+00	1.30E+01	5.40E+01
TF	OFS-G	L15601-02	8/31/2009	Ba-140	0.00E+00	2.00E+01	8.10E+01
TF	OFS-G	L15601-02	8/31/2009	Be-7	1.14E+02	7.50E+01	2.50E+02
TF	OFS-G	L15601-02	8/31/2009	Ce-141	-2.10E+01	1.10E+01	4.40E+01
TF	OFS-G	L15601-02	8/31/2009	Ce-144	0.00E+00	3.90E+01	1.40E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	OFS-G	L15601-02	8/31/2009	Co-57	-5.80E+00	4.70E+00	1.80E+01
TF	OFS-G	L15601-02	8/31/2009	Co-58	7.10E+00	9.00E+00	3.30E+01
TF	OFS-G	L15601-02	8/31/2009	Co-60	-1.90E+01	1.10E+01	5.40E+01
TF	OFS-G	L15601-02	8/31/2009	Cr-51	3.40E+01	8.20E+01	3.00E+02
TF	OFS-G	L15601-02	8/31/2009	Cs-134	6.50E+00	7.40E+00	3.10E+01
TF	OFS-G	L15601-02	8/31/2009	Cs-137	0.00E+00	1.20E+01	4.40E+01
TF	OFS-G	L15601-02	8/31/2009	Fe-59	-1.60E+01	2.40E+01	9.80E+01
TF	OFS-G	L15601-02	8/31/2009	I-131	1.80E+01	1.70E+01	5.90E+01
TF	OFS-G	L15601-02	8/31/2009	I-131	7.00E+00	1.10E+01	5.00E+01
TF	OFS-G	L15601-02	8/31/2009	K-40	1.90E+03	3.00E+02	6.50E+02 *
TF	OFS-G	L15601-02	8/31/2009	La-140	0.00E+00	2.00E+01	8.10E+01
TF	OFS-G	L15601-02	8/31/2009	Mn-54	1.45E+01	8.80E+00	2.80E+01
TF	OFS-G	L15601-02	8/31/2009	Nb-95	-5.50E+00	9.90E+00	4.10E+01
TF	OFS-G	L15601-02	8/31/2009	Ru-103	-2.00E+00	1.10E+01	4.20E+01
TF	OFS-G	L15601-02	8/31/2009	Ru-106	1.02E+02	8.00E+01	2.70E+02
TF	OFS-G	L15601-02	8/31/2009	Sb-124	-3.50E+01	2.10E+01	1.10E+02
TF	OFS-G	L15601-02	8/31/2009	Sb-125	-4.10E+01	2.50E+01	1.00E+02
TF	OFS-G	L15601-02	8/31/2009	Se-75	-4.00E+00	1.10E+01	4.10E+01
TF	OFS-G	L15601-02	8/31/2009	Zn-65	-5.00E+00	2.40E+01	9.50E+01
TF	OFS-G	L15601-02	8/31/2009	Zr-95	-1.00E+01	1.80E+01	7.40E+01
TF	ONS-G	L15713-05	9/28/2009	AcTh-228	8.00E+00	2.20E+01	7.60E+01
TF	ONS-G	L15713-05	9/28/2009	Ag-108m	5.00E+00	4.40E+00	1.50E+01
TF	ONS-G	L15713-05	9/28/2009	Ag-110m	-3.30E+00	6.20E+00	2.30E+01
TF	ONS-G	L15713-05	9/28/2009	Ba-140	2.00E+00	1.30E+01	4.70E+01
TF	ONS-G	L15713-05	9/28/2009	Be-7	7.20E+01	4.50E+01	1.50E+02
TF	ONS-G	L15713-05	9/28/2009	Ce-141	1.80E+00	8.20E+00	2.80E+01
TF	ONS-G	L15713-05	9/28/2009	Ce-144	3.00E+00	2.60E+01	9.10E+01
TF	ONS-G	L15713-05	9/28/2009	Co-57	-2.10E+00	2.80E+00	1.00E+01
TF	ONS-G	L15713-05	9/28/2009	Co-58	-1.06E+01	6.40E+00	2.40E+01
TF	ONS-G	L15713-05	9/28/2009	Co-60	-7.10E+00	4.80E+00	2.00E+01
TF	ONS-G	L15713-05	9/28/2009	Cr-51	5.60E+01	4.70E+01	1.60E+02
TF	ONS-G	L15713-05	9/28/2009	Cs-134	2.30E+00	4.00E+00	1.70E+01
TF	ONS-G	L15713-05	9/28/2009	Cs-137	2.10E+00	4.90E+00	1.70E+01
TF	ONS-G	L15713-05	9/28/2009	Fe-59	1.90E+01	1.30E+01	4.30E+01
TF	ONS-G	L15713-05	9/28/2009	I-131	-2.40E+01	1.40E+01	5.30E+01
TF	ONS-G	L15713-05	9/28/2009	I-131	1.60E+01	1.20E+01	3.90E+01
TF	ONS-G	L15713-05	9/28/2009	K-40	2.67E+03	1.60E+02	2.80E+02 *
TF	ONS-G	L15713-05	9/28/2009	La-140	2.00E+00	1.30E+01	4.70E+01
TF	ONS-G	L15713-05	9/28/2009	Mn-54	4.50E+00	5.90E+00	2.00E+01
TF	ONS-G	L15713-05	9/28/2009	Nb-95	1.17E+01	7.60E+00	2.50E+01
TF	ONS-G	L15713-05	9/28/2009	Ru-103	-2.60E+00	6.10E+00	2.20E+01
TF	ONS-G	L15713-05	9/28/2009	Ru-106	-4.90E+01	4.40E+01	1.60E+02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/ kg)
TF	ONS-G	L15713-05	9/28/2009	Sb-124	-3.00E+00	1.20E+01	4.50E+01
TF	ONS-G	L15713-05	9/28/2009	Sb-125	4.00E+00	1.40E+01	4.80E+01
TF	ONS-G	L15713-05	9/28/2009	Se-75	5.50E+00	5.70E+00	1.90E+01
TF	ONS-G	L15713-05	9/28/2009	Zn-65	1.00E+00	1.20E+01	4.40E+01
TF	ONS-G	L15713-05	9/28/2009	Zr-95	1.00E+00	1.00E+01	3.60E+01
TF	OFS-G	L15713-06	9/28/2009	AcTh-228	1.30E+01	2.40E+01	8.10E+01
TF	OFS-G	L15713-06	9/28/2009	Ag-108m	4.50E+00	3.70E+00	1.20E+01
TF	OFS-G	L15713-06	9/28/2009	Ag-110m	-9.50E+00	6.20E+00	2.30E+01
TF	OFS-G	L15713-06	9/28/2009	Ba-140	3.00E+01	1.20E+01	3.60E+01
TF	OFS-G	L15713-06	9/28/2009	Be-7	9.90E+01	4.40E+01	1.40E+02
TF	OFS-G	L15713-06	9/28/2009	Ce-141	4.80E+00	6.90E+00	2.30E+01
TF	OFS-G	L15713-06	9/28/2009	Ce-144	-3.00E+00	2.20E+01	7.60E+01
TF	OFS-G	L15713-06	9/28/2009	Co-57	3.10E+00	2.40E+00	8.00E+00
TF	OFS-G	L15713-06	9/28/2009	Co-58	-5.60E+00	5.00E+00	1.80E+01
TF	OFS-G	L15713-06	9/28/2009	Co-60	-1.60E+00	4.10E+00	1.50E+01
TF	OFS-G	L15713-06	9/28/2009	Cr-51	-3.90E+01	4.30E+01	1.50E+02
TF	OFS-G	L15713-06	9/28/2009	Cs-134	6.70E+00	3.20E+00	1.40E+01
TF	OFS-G	L15713-06	9/28/2009	Cs-137	8.00E+00	4.30E+00	1.40E+01
TF	OFS-G	L15713-06	9/28/2009	Fe-59	-1.80E+01	1.10E+01	4.20E+01
TF	OFS-G	L15713-06	9/28/2009	I-131	9.00E+00	1.50E+01	5.10E+01
TF	OFS-G	L15713-06	9/28/2009	I-131	-5.90E+00	1.20E+00	5.20E+01
TF	OFS-G	L15713-06	9/28/2009	K-40	3.43E+03	1.50E+02	2.50E+02 *
TF	OFS-G	L15713-06	9/28/2009	La-140	3.00E+01	1.20E+01	3.60E+01
TF	OFS-G	L15713-06	9/28/2009	Mn-54	-1.00E-01	4.60E+00	1.60E+01
TF	OFS-G	L15713-06	9/28/2009	Nb-95	-3.30E+00	5.90E+00	2.10E+01
TF	OFS-G	L15713-06	9/28/2009	Ru-103	-7.90E+00	5.00E+00	1.80E+01
TF	OFS-G	L15713-06	9/28/2009	Ru-106	-1.01E+02	4.00E+01	1.50E+02
TF	OFS-G	L15713-06	9/28/2009	Sb-124	-8.60E+00	9.50E+00	3.80E+01
TF	OFS-G	L15713-06	9/28/2009	Sb-125	-7.00E+00	1.10E+01	3.90E+01
TF	OFS-G	L15713-06	9/28/2009	Se-75	2.00E-01	4.80E+00	1.60E+01
TF	OFS-G	L15713-06	9/28/2009	Zn-65	-4.00E+00	1.10E+01	3.90E+01
TF	OFS-G	L15713-06	9/28/2009	Zr-95	1.16E+01	9.20E+00	3.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L14772-01	1/7/2009	AcTh-228	-7.80E+00	7.60E+00	2.80E+01
TM	MR	L14772-01	1/7/2009	Ag-108m	-3.20E+00	1.70E+00	6.30E+00
TM	MR	L14772-01	1/7/2009	Ag-110m	6.00E-01	2.80E+00	9.80E+00
TM	MR	L14772-01	1/7/2009	Ba-140	-4.50E+00	3.50E+00	1.40E+01
TM	MR	L14772-01	1/7/2009	Be-7	0.00E+00	1.60E+01	5.70E+01
TM	MR	L14772-01	1/7/2009	Ce-141	1.80E+00	2.90E+00	9.80E+00
TM	MR	L14772-01	1/7/2009	Ce-144	-8.00E+00	1.10E+01	3.80E+01
TM	MR	L14772-01	1/7/2009	Co-57	6.00E-01	1.40E+00	4.70E+00
TM	MR	L14772-01	1/7/2009	Co-58	-2.50E+00	1.90E+00	7.40E+00
TM	MR	L14772-01	1/7/2009	Co-60	-2.40E+00	2.20E+00	8.50E+00
TM	MR	L14772-01	1/7/2009	Cr-51	-4.00E+00	1.50E+01	5.40E+01
TM	MR	L14772-01	1/7/2009	Cs-134	-1.50E+00	2.00E+00	7.70E+00
TM	MR	L14772-01	1/7/2009	Cs-137	-1.50E+00	2.00E+00	7.50E+00
TM	MR	L14772-01	1/7/2009	Fe-59	1.90E+00	4.20E+00	1.50E+01
TM	MR	L14772-01	1/7/2009	I-131	1.00E+00	3.70E+00	1.30E+01
TM	MR	L14772-01	1/7/2009	I-131	1.10E-01	1.90E-01	8.30E-01
TM	MR	L14772-01	1/7/2009	K-40	1.88E+03	8.00E+01	9.20E+01 *
TM	MR	L14772-01	1/7/2009	La-140	-4.50E+00	3.50E+00	1.40E+01
TM	MR	L14772-01	1/7/2009	Mn-54	-9.00E-01	1.90E+00	6.80E+00
TM	MR	L14772-01	1/7/2009	Nb-95	-1.00E+00	2.20E+00	8.10E+00
TM	MR	L14772-01	1/7/2009	Ru-103	-2.60E+00	2.10E+00	7.70E+00
TM	MR	L14772-01	1/7/2009	Ru-106	-9.00E+00	1.80E+01	6.60E+01
TM	MR	L14772-01	1/7/2009	Sb-124	3.30E+00	5.00E+00	1.80E+01
TM	MR	L14772-01	1/7/2009	Sb-125	1.50E+00	5.00E+00	1.70E+01
TM	MR	L14772-01	1/7/2009	Se-75	9.00E-01	2.00E+00	7.00E+00
TM	MR	L14772-01	1/7/2009	Zn-65	4.30E+00	7.20E+00	2.40E+01
TM	MR	L14772-01	1/7/2009	Zr-95	2.70E+00	3.30E+00	1.10E+01
TM	SF	L14772-02	1/7/2009	AcTh-228	-7.00E-01	7.20E+00	2.60E+01
TM	SF	L14772-02	1/7/2009	Ag-108m	-1.50E+00	1.50E+00	5.70E+00
TM	SF	L14772-02	1/7/2009	Ag-110m	-1.80E+00	3.00E+00	1.10E+01
TM	SF	L14772-02	1/7/2009	Ba-140	5.70E+00	3.40E+00	1.10E+01
TM	SF	L14772-02	1/7/2009	Be-7	1.30E+01	1.90E+01	6.40E+01
TM	SF	L14772-02	1/7/2009	Ce-141	-3.00E-01	3.00E+00	1.00E+01
TM	SF	L14772-02	1/7/2009	Ce-144	-5.00E+00	1.10E+01	3.80E+01
TM	SF	L14772-02	1/7/2009	Co-57	5.00E-01	1.40E+00	4.80E+00
TM	SF	L14772-02	1/7/2009	Co-58	-2.30E+00	2.00E+00	7.60E+00
TM	SF	L14772-02	1/7/2009	Co-60	3.00E-01	2.00E+00	7.40E+00
TM	SF	L14772-02	1/7/2009	Cr-51	-4.00E+00	1.60E+01	5.60E+01
TM	SF	L14772-02	1/7/2009	Cs-134	-6.00E-01	1.60E+00	7.20E+00
TM	SF	L14772-02	1/7/2009	Cs-137	-2.30E+00	2.20E+00	8.30E+00
TM	SF	L14772-02	1/7/2009	Fe-59	1.00E-01	4.30E+00	1.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L14772-02	1/7/2009	I-131	-1.57E-01	2.50E-02	8.50E-01
TM	SF	L14772-02	1/7/2009	I-131	1.00E+00	3.70E+00	1.30E+01
TM	SF	L14772-02	1/7/2009	K-40	1.21E+03	6.90E+01	9.70E+01 *
TM	SF	L14772-02	1/7/2009	La-140	5.70E+00	3.40E+00	1.10E+01
TM	SF	L14772-02	1/7/2009	Mn-54	-1.70E+00	1.80E+00	7.00E+00
TM	SF	L14772-02	1/7/2009	Nb-95	-1.00E+00	2.20E+00	8.10E+00
TM	SF	L14772-02	1/7/2009	Ru-103	-1.20E+00	2.00E+00	7.40E+00
TM	SF	L14772-02	1/7/2009	Ru-106	-2.70E+01	1.80E+01	7.00E+01
TM	SF	L14772-02	1/7/2009	Sb-124	-1.80E+00	5.20E+00	2.00E+01
TM	SF	L14772-02	1/7/2009	Sb-125	-2.10E+00	4.70E+00	1.70E+01
TM	SF	L14772-02	1/7/2009	Se-75	-1.80E+00	2.10E+00	7.60E+00
TM	SF	L14772-02	1/7/2009	Zn-65	-6.00E+00	5.70E+00	2.10E+01
TM	SF	L14772-02	1/7/2009	Zr-95	3.00E+00	3.40E+00	1.20E+01
TM	LF	L14772-03	1/7/2009	AcTh-228	-4.70E+00	7.80E+00	2.80E+01
TM	LF	L14772-03	1/7/2009	Ag-108m	1.00E-01	1.50E+00	5.30E+00
TM	LF	L14772-03	1/7/2009	Ag-110m	-3.00E-01	2.50E+00	9.00E+00
TM	LF	L14772-03	1/7/2009	Ba-140	-5.00E-01	3.20E+00	1.20E+01
TM	LF	L14772-03	1/7/2009	Bc-7	5.00E+00	1.50E+01	5.40E+01
TM	LF	L14772-03	1/7/2009	Ce-141	-2.70E+00	2.60E+00	9.30E+00
TM	LF	L14772-03	1/7/2009	Ce-144	1.00E+00	1.00E+01	3.60E+01
TM	LF	L14772-03	1/7/2009	Co-57	2.00E+00	1.30E+00	4.20E+00
TM	LF	L14772-03	1/7/2009	Co-58	-2.00E-01	1.70E+00	6.10E+00
TM	LF	L14772-03	1/7/2009	Co-60	-1.70E+00	1.90E+00	7.50E+00
TM	LF	L14772-03	1/7/2009	Cr-51	1.70E+01	1.50E+01	5.00E+01
TM	LF	L14772-03	1/7/2009	Cs-134	5.00E-01	1.50E+00	7.10E+00
TM	LF	L14772-03	1/7/2009	Cs-137	8.00E-01	2.00E+00	6.90E+00
TM	LF	L14772-03	1/7/2009	Fe-59	4.40E+00	3.90E+00	1.30E+01
TM	LF	L14772-03	1/7/2009	I-131	-2.40E+00	3.60E+00	1.30E+01
TM	LF	L14772-03	1/7/2009	K-40	1.43E+03	6.80E+01	8.80E+01 *
TM	LF	L14772-03	1/7/2009	La-140	-5.00E-01	3.20E+00	1.20E+01
TM	LF	L14772-03	1/7/2009	Mn-54	-2.00E-01	1.70E+00	6.30E+00
TM	LF	L14772-03	1/7/2009	Nb-95	5.00E-01	2.10E+00	7.30E+00
TM	LF	L14772-03	1/7/2009	Ru-103	3.50E+00	1.90E+00	6.10E+00
TM	LF	L14772-03	1/7/2009	Ru-106	1.30E+01	1.60E+01	5.40E+01
TM	LF	L14772-03	1/7/2009	Sb-124	-7.00E-01	4.70E+00	1.80E+01
TM	LF	L14772-03	1/7/2009	Sb-125	-4.20E+00	4.60E+00	1.70E+01
TM	LF	L14772-03	1/7/2009	Se-75	2.50E+00	2.00E+00	6.50E+00
TM	LF	L14772-03	1/7/2009	Zn-65	0.00E+00	5.10E+00	1.80E+01
TM	LF	L14772-03	1/7/2009	Zr-95	5.70E+00	3.50E+00	1.10E+01
TM	LR	L14772-03	1/7/2009	I-131	2.60E-01	2.40E-01	8.80E-01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L14834-01	1/21/2009	AcTh-228	3.50E+00	8.90E+00	3.10E+01
TM	MR	L14834-01	1/21/2009	Ag-108m	3.20E+00	1.60E+00	5.10E+00
TM	MR	L14834-01	1/21/2009	Ag-110m	-5.10E+00	3.00E+00	1.20E+01
TM	MR	L14834-01	1/21/2009	Ba-140	1.70E+00	3.80E+00	1.40E+01
TM	MR	L14834-01	1/21/2009	Be-7	7.00E+00	1.30E+01	4.60E+01
TM	MR	L14834-01	1/21/2009	Ce-141	-3.70E+00	2.50E+00	8.90E+00
TM	MR	L14834-01	1/21/2009	Ce-144	-1.33E+01	8.90E+00	3.20E+01
TM	MR	L14834-01	1/21/2009	Co-57	3.00E-01	1.10E+00	3.80E+00
TM	MR	L14834-01	1/21/2009	Co-58	-7.00E-01	1.90E+00	6.90E+00
TM	MR	L14834-01	1/21/2009	Co-60	0.00E+00	2.50E+00	9.20E+00
TM	MR	L14834-01	1/21/2009	Cr-51	-1.00E+01	1.50E+01	5.20E+01
TM	MR	L14834-01	1/21/2009	Cs-134	6.00E-01	1.40E+00	7.00E+00
TM	MR	L14834-01	1/21/2009	Cs-137	-1.10E+00	2.10E+00	7.80E+00
TM	MR	L14834-01	1/21/2009	Fe-59	-9.00E-01	5.70E+00	2.10E+01
TM	MR	L14834-01	1/21/2009	I-131	1.00E-01	1.90E-01	8.80E-01
TM	MR	L14834-01	1/21/2009	K-40	1.85E+03	8.50E+01	1.20E+02 *
TM	MR	L14834-01	1/21/2009	La-140	1.70E+00	3.80E+00	1.40E+01
TM	MR	L14834-01	1/21/2009	Mn-54	-1.30E+00	2.20E+00	7.90E+00
TM	MR	L14834-01	1/21/2009	Nb-95	-2.80E+00	2.30E+00	8.60E+00
TM	MR	L14834-01	1/21/2009	Ru-103	-1.20E+00	2.20E+00	8.10E+00
TM	MR	L14834-01	1/21/2009	Ru-106	9.00E+00	1.90E+01	6.70E+01
TM	MR	L14834-01	1/21/2009	Sb-124	2.00E+00	6.10E+00	2.20E+01
TM	MR	L14834-01	1/21/2009	Sb-125	-6.10E+00	4.80E+00	1.80E+01
TM	MR	L14834-01	1/21/2009	Se-75	-4.70E+00	1.80E+00	6.80E+00
TM	MR	L14834-01	1/21/2009	Zn-65	-9.10E+00	5.60E+00	2.10E+01
TM	MR	L14834-01	1/21/2009	Zr-95	1.50E+00	3.50E+00	1.20E+01
TM	SF	L14834-02	1/21/2009	AcTh-228	2.10E+00	8.40E+00	3.00E+01
TM	SF	L14834-02	1/21/2009	Ag-108m	-2.20E+00	1.60E+00	5.80E+00
TM	SF	L14834-02	1/21/2009	Ag-110m	1.90E+00	2.70E+00	9.30E+00
TM	SF	L14834-02	1/21/2009	Ba-140	5.60E+00	3.60E+00	1.20E+01
TM	SF	L14834-02	1/21/2009	Be-7	3.00E+00	1.50E+01	5.40E+01
TM	SF	L14834-02	1/21/2009	Ce-141	5.00E-01	2.80E+00	9.60E+00
TM	SF	L14834-02	1/21/2009	Ce-144	-5.10E+00	9.70E+00	3.40E+01
TM	SF	L14834-02	1/21/2009	Co-57	6.00E-01	1.20E+00	4.10E+00
TM	SF	L14834-02	1/21/2009	Co-58	-1.00E+00	2.00E+00	7.50E+00
TM	SF	L14834-02	1/21/2009	Co-60	5.00E-01	2.20E+00	8.10E+00
TM	SF	L14834-02	1/21/2009	Cr-51	-1.40E+01	1.70E+01	5.90E+01
TM	SF	L14834-02	1/21/2009	Cs-134	2.00E-01	1.40E+00	6.90E+00
TM	SF	L14834-02	1/21/2009	Cs-137	-4.20E+00	2.20E+00	8.30E+00
TM	SF	L14834-02	1/21/2009	Fe-59	-1.10E+00	5.10E+00	1.80E+01
TM	SF	L14834-02	1/21/2009	I-131	1.00E-01	2.00E-01	9.00E-01
TM	SF	L14834-02	1/21/2009	K-40	1.29E+03	7.10E+01	1.00E+02 *

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L14834-02	1/21/2009	La-140	5.60E+00	3.60E+00	1.20E+01
TM	SF	L14834-02	1/21/2009	Mn-54	2.00E+00	1.90E+00	6.50E+00
TM	SF	L14834-02	1/21/2009	Nb-95	2.00E-01	2.10E+00	7.40E+00
TM	SF	L14834-02	1/21/2009	Ru-103	1.40E+00	2.00E+00	6.70E+00
TM	SF	L14834-02	1/21/2009	Ru-106	-1.40E+01	1.80E+01	6.70E+01
TM	SF	L14834-02	1/21/2009	Sb-124	1.80E+00	4.40E+00	1.60E+01
TM	SF	L14834-02	1/21/2009	Sb-125	-6.40E+00	4.70E+00	1.80E+01
TM	SF	L14834-02	1/21/2009	Se-75	-2.10E+00	1.90E+00	7.00E+00
TM	SF	L14834-02	1/21/2009	Zn-65	3.30E+00	7.10E+00	2.40E+01
TM	SF	L14834-02	1/21/2009	Zr-95	2.50E+00	3.20E+00	1.10E+01
TM	LF	L14834-03	1/21/2009	AcTh-228	3.10E+00	7.90E+00	2.70E+01
TM	LF	L14834-03	1/21/2009	Ag-108m	-3.00E-01	1.30E+00	4.70E+00
TM	LF	L14834-03	1/21/2009	Ag-110m	-2.30E+00	2.30E+00	8.60E+00
TM	LF	L14834-03	1/21/2009	Ba-140	-5.80E+00	3.10E+00	1.30E+01
TM	LF	L14834-03	1/21/2009	Be-7	-5.00E+00	1.30E+01	4.70E+01
TM	LF	L14834-03	1/21/2009	Ce-141	-3.20E+00	2.50E+00	8.60E+00
TM	LF	L14834-03	1/21/2009	Ce-144	-1.40E+00	8.30E+00	2.90E+01
TM	LF	L14834-03	1/21/2009	Co-57	-2.00E-01	1.00E+00	3.60E+00
TM	LF	L14834-03	1/21/2009	Co-58	-1.00E-01	2.00E+00	7.10E+00
TM	LF	L14834-03	1/21/2009	Co-60	-7.00E-01	2.40E+00	8.70E+00
TM	LF	L14834-03	1/21/2009	Cr-51	-1.00E+00	1.30E+01	4.40E+01
TM	LF	L14834-03	1/21/2009	Cs-134	-4.00E-01	1.30E+00	6.10E+00
TM	LF	L14834-03	1/21/2009	Cs-137	-6.00E-01	1.50E+00	5.60E+00
TM	LF	L14834-03	1/21/2009	Fe-59	-3.40E+00	4.40E+00	1.60E+01
TM	LF	L14834-03	1/21/2009	I-131	-1.70E-01	2.80E-02	8.70E-01
TM	LF	L14834-03	1/21/2009	K-40	1.35E+03	6.30E+01	8.10E+01 *
TM	LF	L14834-03	1/21/2009	La-140	-5.80E+00	3.10E+00	1.30E+01
TM	LF	L14834-03	1/21/2009	Mn-54	1.10E+00	1.80E+00	6.20E+00
TM	LF	L14834-03	1/21/2009	Nb-95	-3.00E+00	1.90E+00	7.20E+00
TM	LF	L14834-03	1/21/2009	Ru-103	1.00E+00	1.70E+00	5.70E+00
TM	LF	L14834-03	1/21/2009	Ru-106	1.50E+01	1.50E+01	5.10E+01
TM	LF	L14834-03	1/21/2009	Sb-124	-7.00E-01	4.30E+00	1.60E+01
TM	LF	L14834-03	1/21/2009	Sb-125	-2.90E+00	4.50E+00	1.60E+01
TM	LF	L14834-03	1/21/2009	Se-75	5.50E+00	1.80E+00	5.80E+00
TM	LF	L14834-03	1/21/2009	Zn-65	8.00E+00	8.20E+00	2.70E+01
TM	LF	L14834-03	1/21/2009	Zr-95	2.10E+00	3.30E+00	1.10E+01
TM	MR	L14877-01	2/4/2009	AcTh-228	-4.40E+00	7.50E+00	2.70E+01
TM	MR	L14877-01	2/4/2009	Ag-108m	-7.00E-01	1.80E+00	6.30E+00
TM	MR	L14877-01	2/4/2009	Ag-110m	-3.80E+00	2.90E+00	1.10E+01
TM	MR	L14877-01	2/4/2009	Ba-140	-1.00E+00	3.30E+00	1.20E+01
TM	MR	L14877-01	2/4/2009	Be-7	-3.10E+01	1.60E+01	6.10E+01
TM	MR	L14877-01	2/4/2009	Ce-141	4.60E+00	2.90E+00	9.70E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L14877-01	2/4/2009	Ce-144	-6.00E+00	1.10E+01	3.70E+01
TM	MR	L14877-01	2/4/2009	Co-57	1.40E+00	1.40E+00	4.60E+00
TM	MR	L14877-01	2/4/2009	Co-58	-6.00E-01	2.00E+00	7.40E+00
TM	MR	L14877-01	2/4/2009	Co-60	4.20E+00	2.30E+00	7.40E+00
TM	MR	L14877-01	2/4/2009	Cr-51	-1.00E+00	1.50E+01	5.40E+01
TM	MR	L14877-01	2/4/2009	Cs-134	-1.20E+00	2.00E+00	7.50E+00
TM	MR	L14877-01	2/4/2009	Cs-137	-2.00E-01	2.20E+00	7.70E+00
TM	MR	L14877-01	2/4/2009	Fe-59	9.20E+00	4.50E+00	1.40E+01
TM	MR	L14877-01	2/4/2009	I-131	2.40E-01	2.30E-01	8.50E-01
TM	MR	L14877-01	2/4/2009	K-40	1.94E+03	7.80E+01	8.90E+01 *
TM	MR	L14877-01	2/4/2009	La-140	-1.00E+00	3.30E+00	1.20E+01
TM	MR	L14877-01	2/4/2009	Mn-54	-4.00E-01	1.90E+00	6.80E+00
TM	MR	L14877-01	2/4/2009	Nb-95	-3.30E+00	2.20E+00	8.30E+00
TM	MR	L14877-01	2/4/2009	Ru-103	-4.80E+00	2.20E+00	8.10E+00
TM	MR	L14877-01	2/4/2009	Ru-106	-8.00E+00	1.80E+01	6.60E+01
TM	MR	L14877-01	2/4/2009	Sb-124	-5.20E+00	4.30E+00	1.80E+01
TM	MR	L14877-01	2/4/2009	Sb-125	1.00E-01	5.10E+00	1.80E+01
TM	MR	L14877-01	2/4/2009	Se-75	3.60E+00	2.20E+00	7.10E+00
TM	MR	L14877-01	2/4/2009	Zn-65	-3.40E+00	4.90E+00	1.80E+01
TM	MR	L14877-01	2/4/2009	Zr-95	-3.90E+00	3.30E+00	1.30E+01
TM	SF	L14877-02	2/4/2009	AcTh-228	-2.90E+00	8.00E+00	2.90E+01
TM	SF	L14877-02	2/4/2009	Ag-108m	-1.70E+00	1.40E+00	5.30E+00
TM	SF	L14877-02	2/4/2009	Ag-110m	1.50E+00	2.60E+00	9.20E+00
TM	SF	L14877-02	2/4/2009	Ba-140	-1.10E+00	3.80E+00	1.40E+01
TM	SF	L14877-02	2/4/2009	Bc-7	-1.20E+01	1.50E+01	5.50E+01
TM	SF	L14877-02	2/4/2009	Ce-141	-7.00E-01	2.50E+00	8.60E+00
TM	SF	L14877-02	2/4/2009	Ce-144	-3.20E+00	8.70E+00	3.00E+01
TM	SF	L14877-02	2/4/2009	Co-57	1.30E+00	1.10E+00	3.60E+00
TM	SF	L14877-02	2/4/2009	Co-58	2.10E+00	1.90E+00	6.60E+00
TM	SF	L14877-02	2/4/2009	Co-60	-2.40E+00	2.40E+00	9.20E+00
TM	SF	L14877-02	2/4/2009	Cr-51	-2.90E+01	1.30E+01	5.10E+01
TM	SF	L14877-02	2/4/2009	Cs-134	2.10E+00	1.30E+00	5.70E+00
TM	SF	L14877-02	2/4/2009	Cs-137	-1.00E-01	2.00E+00	7.20E+00
TM	SF	L14877-02	2/4/2009	Fe-59	-1.00E+01	5.70E+00	2.20E+01
TM	SF	L14877-02	2/4/2009	I-131	-9.70E-02	1.60E-02	9.20E-01
TM	SF	L14877-02	2/4/2009	K-40	1.29E+03	7.10E+01	1.10E+02 *
TM	SF	L14877-02	2/4/2009	La-140	-1.10E+00	3.80E+00	1.40E+01
TM	SF	L14877-02	2/4/2009	Mn-54	6.00E-01	1.90E+00	6.50E+00
TM	SF	L14877-02	2/4/2009	Nb-95	-8.00E-01	1.90E+00	7.10E+00
TM	SF	L14877-02	2/4/2009	Ru-103	-1.50E+00	1.80E+00	6.60E+00
TM	SF	L14877-02	2/4/2009	Ru-106	-1.50E+01	1.60E+01	5.90E+01
TM	SF	L14877-02	2/4/2009	Sb-124	-2.50E+00	5.40E+00	2.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L14877-02	2/4/2009	Sb-125	3.00E+00	4.30E+00	1.50E+01
TM	SF	L14877-02	2/4/2009	Se-75	-9.00E-01	1.90E+00	6.60E+00
TM	SF	L14877-02	2/4/2009	Zn-65	-3.10E+00	5.40E+00	2.00E+01
TM	SF	L14877-02	2/4/2009	Zr-95	1.00E+00	3.20E+00	1.10E+01
TM	LF	L14877-03	2/4/2009	AcTh-228	-1.60E+00	8.70E+00	3.10E+01
TM	LF	L14877-03	2/4/2009	Ag-108m	1.20E+00	1.60E+00	5.60E+00
TM	LF	L14877-03	2/4/2009	Ag-110m	3.00E-01	2.80E+00	1.00E+01
TM	LF	L14877-03	2/4/2009	Ba-140	2.20E+00	3.30E+00	1.20E+01
TM	LF	L14877-03	2/4/2009	Be-7	-4.00E+00	1.60E+01	5.70E+01
TM	LF	L14877-03	2/4/2009	Ce-141	1.80E+00	3.10E+00	1.00E+01
TM	LF	L14877-03	2/4/2009	Ce-144	5.00E+00	1.10E+01	3.70E+01
TM	LF	L14877-03	2/4/2009	Co-57	4.00E-01	1.40E+00	4.90E+00
TM	LF	L14877-03	2/4/2009	Co-58	-2.00E+00	2.20E+00	8.10E+00
TM	LF	L14877-03	2/4/2009	Co-60	1.50E+00	2.40E+00	8.20E+00
TM	LF	L14877-03	2/4/2009	Cr-51	6.00E+00	1.70E+01	6.00E+01
TM	LF	L14877-03	2/4/2009	Cs-134	-1.60E+00	2.10E+00	8.00E+00
TM	LF	L14877-03	2/4/2009	Cs-137	7.00E-01	2.00E+00	7.20E+00
TM	LF	L14877-03	2/4/2009	Fe-59	-3.30E+00	4.50E+00	1.70E+01
TM	LF	L14877-03	2/4/2009	I-131	6.20E-01	3.60E-01	9.20E-01
TM	LF	L14877-03	2/4/2009	K-40	1.43E+03	7.00E+01	9.90E+01 *
TM	LF	L14877-03	2/4/2009	La-140	2.20E+00	3.30E+00	1.20E+01
TM	LF	L14877-03	2/4/2009	Mn-54	3.30E+00	2.00E+00	6.40E+00
TM	LF	L14877-03	2/4/2009	Nb-95	2.10E+00	2.40E+00	8.10E+00
TM	LF	L14877-03	2/4/2009	Ru-103	-1.70E+00	2.30E+00	8.20E+00
TM	LF	L14877-03	2/4/2009	Ru-106	-2.20E+01	1.90E+01	6.90E+01
TM	LF	L14877-03	2/4/2009	Sb-124	3.90E+00	5.10E+00	1.80E+01
TM	LF	L14877-03	2/4/2009	Sb-125	2.10E+00	4.70E+00	1.60E+01
TM	LF	L14877-03	2/4/2009	Se-75	2.90E+00	2.50E+00	8.20E+00
TM	LF	L14877-03	2/4/2009	Zn-65	-1.70E+00	5.90E+00	2.10E+01
TM	LF	L14877-03	2/4/2009	Zr-95	3.70E+00	3.30E+00	1.10E+01
TM	MR	L14912-01	2/18/2009	AcTh-228	9.10E+00	6.80E+00	2.30E+01
TM	MR	L14912-01	2/18/2009	Ag-108m	-5.00E-01	1.40E+00	5.00E+00
TM	MR	L14912-01	2/18/2009	Ag-110m	-3.00E-01	2.40E+00	8.50E+00
TM	MR	L14912-01	2/18/2009	Ba-140	4.00E-01	2.80E+00	1.00E+01
TM	MR	L14912-01	2/18/2009	Be-7	2.10E+01	1.40E+01	4.80E+01
TM	MR	L14912-01	2/18/2009	Ce-141	-4.00E-01	2.60E+00	8.90E+00
TM	MR	L14912-01	2/18/2009	Ce-144	1.94E+01	9.50E+00	3.10E+01
TM	MR	L14912-01	2/18/2009	Co-57	1.00E+00	1.20E+00	3.90E+00
TM	MR	L14912-01	2/18/2009	Co-58	-1.00E+00	1.80E+00	6.60E+00
TM	MR	L14912-01	2/18/2009	Co-60	1.40E+00	1.90E+00	6.40E+00
TM	MR	L14912-01	2/18/2009	Cr-51	2.00E+00	1.40E+01	4.90E+01
TM	MR	L14912-01	2/18/2009	Cs-134	1.00E-01	1.40E+00	6.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L14912-01	2/18/2009	Cs-137	-6.00E-01	1.80E+00	6.60E+00
TM	MR	L14912-01	2/18/2009	Fe-59	-5.50E+00	3.60E+00	1.40E+01
TM	MR	L14912-01	2/18/2009	I-131	-1.13E-01	1.90E-02	8.70E-01
TM	MR	L14912-01	2/18/2009	K-40	1.73E+03	6.80E+01	8.50E+01 *
TM	MR	L14912-01	2/18/2009	La-140	4.00E-01	2.80E+00	1.00E+01
TM	MR	L14912-01	2/18/2009	Mn-54	1.00E+00	1.50E+00	5.30E+00
TM	MR	L14912-01	2/18/2009	Nb-95	4.00E-01	2.00E+00	7.10E+00
TM	MR	L14912-01	2/18/2009	Ru-103	2.20E+00	1.90E+00	6.20E+00
TM	MR	L14912-01	2/18/2009	Ru-106	2.10E+01	1.50E+01	4.80E+01
TM	MR	L14912-01	2/18/2009	Sb-124	5.60E+00	3.10E+00	9.90E+00
TM	MR	L14912-01	2/18/2009	Sb-125	-1.70E+00	4.40E+00	1.60E+01
TM	MR	L14912-01	2/18/2009	Se-75	-1.30E+00	1.90E+00	6.60E+00
TM	MR	L14912-01	2/18/2009	Zn-65	-1.02E+01	4.40E+00	1.70E+01
TM	MR	L14912-01	2/18/2009	Zr-95	-5.00E-01	2.80E+00	1.00E+01
TM	SF	L14912-02	2/18/2009	AcTh-228	-4.50E+00	6.50E+00	2.40E+01
TM	SF	L14912-02	2/18/2009	Ag-108m	1.00E-01	1.30E+00	4.70E+00
TM	SF	L14912-02	2/18/2009	Ag-110m	2.70E+00	2.40E+00	8.10E+00
TM	SF	L14912-02	2/18/2009	Ba-140	-4.80E+00	3.70E+00	1.40E+01
TM	SF	L14912-02	2/18/2009	Be-7	3.00E+00	1.30E+01	4.60E+01
TM	SF	L14912-02	2/18/2009	Ce-141	5.00E-01	2.00E+00	6.80E+00
TM	SF	L14912-02	2/18/2009	Ce-144	1.03E+01	7.60E+00	2.50E+01
TM	SF	L14912-02	2/18/2009	Co-57	-2.20E-01	9.60E-01	3.30E+00
TM	SF	L14912-02	2/18/2009	Co-58	-2.20E+00	1.70E+00	6.40E+00
TM	SF	L14912-02	2/18/2009	Co-60	-1.20E+00	2.10E+00	7.70E+00
TM	SF	L14912-02	2/18/2009	Cr-51	6.00E+00	1.20E+01	4.20E+01
TM	SF	L14912-02	2/18/2009	Cs-134	-3.00E-01	1.40E+00	6.20E+00
TM	SF	L14912-02	2/18/2009	Cs-137	-1.20E+00	1.90E+00	6.90E+00
TM	SF	L14912-02	2/18/2009	Fe-59	1.20E+00	4.20E+00	1.50E+01
TM	SF	L14912-02	2/18/2009	I-131	2.00E-01	2.20E-01	8.70E-01
TM	SF	L14912-02	2/18/2009	K-40	1.34E+03	6.40E+01	9.20E+01 *
TM	SF	L14912-02	2/18/2009	La-140	-4.80E+00	3.70E+00	1.40E+01
TM	SF	L14912-02	2/18/2009	Mn-54	-5.00E-01	1.70E+00	6.00E+00
TM	SF	L14912-02	2/18/2009	Nb-95	-3.90E+00	1.70E+00	6.60E+00
TM	SF	L14912-02	2/18/2009	Ru-103	-2.40E+00	1.50E+00	5.80E+00
TM	SF	L14912-02	2/18/2009	Ru-106	-4.00E+00	1.50E+01	5.40E+01
TM	SF	L14912-02	2/18/2009	Sb-124	3.00E-01	4.20E+00	1.60E+01
TM	SF	L14912-02	2/18/2009	Sb-125	-4.00E+00	4.10E+00	1.50E+01
TM	SF	L14912-02	2/18/2009	Se-75	-1.40E+00	1.60E+00	5.70E+00
TM	SF	L14912-02	2/18/2009	Zn-65	-1.14E+01	4.30E+00	1.70E+01
TM	SF	L14912-02	2/18/2009	Zr-95	1.40E+00	2.60E+00	9.20E+00
TM	LF	L14912-03	2/18/2009	AcTh-228	-3.90E+00	5.60E+00	2.00E+01
TM	LF	L14912-03	2/18/2009	Ag-108m	5.00E-01	1.10E+00	3.80E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L14912-03	2/18/2009	Ag-110m	-1.80E+00	2.10E+00	7.40E+00
TM	LF	L14912-03	2/18/2009	Ba-140	3.60E+00	2.90E+00	9.70E+00
TM	LF	L14912-03	2/18/2009	Be-7	-3.10E+01	1.10E+01	4.20E+01
TM	LF	L14912-03	2/18/2009	Ce-141	8.00E-01	2.30E+00	7.70E+00
TM	LF	L14912-03	2/18/2009	Ce-144	-4.40E+00	7.60E+00	2.60E+01
TM	LF	L14912-03	2/18/2009	Co-57	-1.90E-01	9.50E-01	3.20E+00
TM	LF	L14912-03	2/18/2009	Co-58	2.00E-01	1.50E+00	5.10E+00
TM	LF	L14912-03	2/18/2009	Co-60	8.00E-01	1.40E+00	4.90E+00
TM	LF	L14912-03	2/18/2009	Cr-51	-1.00E+00	1.20E+01	4.20E+01
TM	LF	L14912-03	2/18/2009	Cs-134	-1.00E-02	9.10E-01	4.10E+00
TM	LF	L14912-03	2/18/2009	Cs-137	6.00E-01	1.40E+00	4.80E+00
TM	LF	L14912-03	2/18/2009	Fe-59	-4.00E+00	2.90E+00	1.10E+01
TM	LF	L14912-03	2/18/2009	I-131	2.00E-01	2.20E-01	8.50E-01
TM	LF	L14912-03	2/18/2009	K-40	1.37E+03	4.80E+01	6.90E+01 *
TM	LF	L14912-03	2/18/2009	La-140	3.60E+00	2.90E+00	9.70E+00
TM	LF	L14912-03	2/18/2009	Mn-54	1.10E+00	1.40E+00	4.60E+00
TM	LF	L14912-03	2/18/2009	Nb-95	1.20E+00	1.80E+00	6.00E+00
TM	LF	L14912-03	2/18/2009	Ru-103	0.00E+00	1.50E+00	5.10E+00
TM	LF	L14912-03	2/18/2009	Ru-106	6.00E+00	1.20E+01	4.10E+01
TM	LF	L14912-03	2/18/2009	Sb-124	4.70E+00	2.90E+00	9.40E+00
TM	LF	L14912-03	2/18/2009	Sb-125	3.60E+00	3.40E+00	1.10E+01
TM	LF	L14912-03	2/18/2009	Se-75	4.00E-01	1.50E+00	5.10E+00
TM	LF	L14912-03	2/18/2009	Zn-65	6.90E+00	5.40E+00	1.80E+01
TM	LF	L14912-03	2/18/2009	Zr-95	-1.00E-01	2.60E+00	9.00E+00
TM	MR	L14949-01	3/4/2009	AcTh-228	7.00E-01	9.40E+00	3.40E+01
TM	MR	L14949-01	3/4/2009	Ag-108m	1.40E+00	1.80E+00	6.10E+00
TM	MR	L14949-01	3/4/2009	Ag-110m	-3.90E+00	3.80E+00	1.40E+01
TM	MR	L14949-01	3/4/2009	Ba-140	5.70E+00	4.40E+00	1.50E+01
TM	MR	L14949-01	3/4/2009	Be-7	-2.40E+01	1.70E+01	6.40E+01
TM	MR	L14949-01	3/4/2009	Ce-141	3.40E+00	3.00E+00	9.90E+00
TM	MR	L14949-01	3/4/2009	Ce-144	-1.20E+01	1.10E+01	3.80E+01
TM	MR	L14949-01	3/4/2009	Co-57	2.30E+00	1.30E+00	4.40E+00
TM	MR	L14949-01	3/4/2009	Co-58	-3.10E+00	2.50E+00	9.40E+00
TM	MR	L14949-01	3/4/2009	Co-60	-5.00E-01	2.90E+00	1.10E+01
TM	MR	L14949-01	3/4/2009	Cr-51	-1.20E+01	1.80E+01	6.50E+01
TM	MR	L14949-01	3/4/2009	Cs-134	-8.00E-01	2.40E+00	9.00E+00
TM	MR	L14949-01	3/4/2009	Cs-137	-4.30E+00	2.40E+00	9.30E+00
TM	MR	L14949-01	3/4/2009	Fe-59	5.60E+00	5.90E+00	2.00E+01
TM	MR	L14949-01	3/4/2009	I-131	1.60E-01	2.10E-01	8.60E-01
TM	MR	L14949-01	3/4/2009	K-40	1.65E+03	8.60E+01	1.30E+02 *

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD. DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L14949-01	3/4/2009	La-140	5.70E+00	4.40E+00	1.50E+01
TM	MR	L14949-01	3/4/2009	Mn-54	-6.00E-01	2.30E+00	8.20E+00
TM	MR	L14949-01	3/4/2009	Nb-95	-6.00E-01	3.60E+00	1.30E+01
TM	MR	L14949-01	3/4/2009	Ru-103	-4.60E+00	2.00E+00	7.70E+00
TM	MR	L14949-01	3/4/2009	Ru-106	1.40E+01	1.90E+01	6.50E+01
TM	MR	L14949-01	3/4/2009	Sb-124	-6.10E+00	5.20E+00	2.20E+01
TM	MR	L14949-01	3/4/2009	Sb-125	-5.50E+00	5.50E+00	2.00E+01
TM	MR	L14949-01	3/4/2009	Se-75	1.10E+00	2.10E+00	7.20E+00
TM	MR	L14949-01	3/4/2009	Zn-65	1.10E+01	1.20E+01	4.10E+01
TM	MR	L14949-01	3/4/2009	Zr-95	5.00E+00	4.00E+00	1.30E+01
TM	SF	L14949-02	3/4/2009	AcTh-228	-9.80E+00	8.70E+00	3.30E+01
TM	SF	L14949-02	3/4/2009	Ag-108m	2.90E+00	1.70E+00	5.50E+00
TM	SF	L14949-02	3/4/2009	Ag-110m	2.60E+00	3.60E+00	1.20E+01
TM	SF	L14949-02	3/4/2009	Ba-140	-1.10E+00	3.60E+00	1.40E+01
TM	SF	L14949-02	3/4/2009	Be-7	-6.00E+00	1.50E+01	5.40E+01
TM	SF	L14949-02	3/4/2009	Ce-141	-1.10E+00	3.10E+00	1.10E+01
TM	SF	L14949-02	3/4/2009	Ce-144	9.00E+00	1.10E+01	3.70E+01
TM	SF	L14949-02	3/4/2009	Co-57	9.00E-01	1.40E+00	4.70E+00
TM	SF	L14949-02	3/4/2009	Co-58	-1.10E+00	2.20E+00	8.30E+00
TM	SF	L14949-02	3/4/2009	Co-60	1.10E+00	2.40E+00	8.70E+00
TM	SF	L14949-02	3/4/2009	Cr-51	-1.30E+01	1.50E+01	5.60E+01
TM	SF	L14949-02	3/4/2009	Cs-134	-8.00E-01	1.60E+00	6.90E+00
TM	SF	L14949-02	3/4/2009	Cs-137	-1.40E+00	2.10E+00	7.80E+00
TM	SF	L14949-02	3/4/2009	Fe-59	-1.90E+00	5.10E+00	1.90E+01
TM	SF	L14949-02	3/4/2009	I-131	-1.39E-01	2.30E-02	9.00E-01
TM	SF	L14949-02	3/4/2009	K-40	1.44E+03	8.10E+01	1.20E+02 *
TM	SF	L14949-02	3/4/2009	La-140	-1.10E+00	3.60E+00	1.40E+01
TM	SF	L14949-02	3/4/2009	Mn-54	-3.00E-01	2.50E+00	8.80E+00
TM	SF	L14949-02	3/4/2009	Nb-95	-2.00E-01	2.90E+00	1.00E+01
TM	SF	L14949-02	3/4/2009	Ru-103	4.10E+00	2.20E+00	7.10E+00
TM	SF	L14949-02	3/4/2009	Ru-106	-4.00E+00	1.80E+01	6.60E+01
TM	SF	L14949-02	3/4/2009	Sb-124	-2.10E+00	6.60E+00	2.50E+01
TM	SF	L14949-02	3/4/2009	Sb-125	4.70E+00	5.40E+00	1.80E+01
TM	SF	L14949-02	3/4/2009	Se-75	1.60E+00	2.20E+00	7.60E+00
TM	SF	L14949-02	3/4/2009	Zn-65	7.00E+00	1.10E+01	3.80E+01
TM	SF	L14949-02	3/4/2009	Zr-95	-2.90E+00	4.30E+00	1.60E+01
TM	LF	L14949-03	3/4/2009	AcTh-228	6.50E+00	8.40E+00	2.90E+01
TM	LF	L14949-03	3/4/2009	Ag-108m	-1.00E-01	1.70E+00	6.10E+00
TM	LF	L14949-03	3/4/2009	Ag-110m	-8.00E-01	3.40E+00	1.20E+01
TM	LF	L14949-03	3/4/2009	Ba-140	3.10E+00	3.90E+00	1.30E+01
TM	LF	L14949-03	3/4/2009	Be-7	6.00E+00	1.60E+01	5.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L14949-03	3/4/2009	Ce-141	4.00E-01	3.20E+00	1.10E+01
TM	LF	L14949-03	3/4/2009	Ce-144	1.50E+01	1.30E+01	4.20E+01
TM	LF	L14949-03	3/4/2009	Co-57	4.00E-01	1.60E+00	5.40E+00
TM	LF	L14949-03	3/4/2009	Co-58	-3.70E+00	2.10E+00	8.20E+00
TM	LF	L14949-03	3/4/2009	Co-60	2.00E+00	2.00E+00	7.00E+00
TM	LF	L14949-03	3/4/2009	Cr-51	1.80E+01	1.70E+01	5.50E+01
TM	LF	L14949-03	3/4/2009	Cs-134	-2.00E-01	2.10E+00	7.60E+00
TM	LF	L14949-03	3/4/2009	Cs-137	-3.20E+00	2.30E+00	8.40E+00
TM	LF	L14949-03	3/4/2009	Fe-59	3.50E+00	4.80E+00	1.60E+01
TM	LF	L14949-03	3/4/2009	I-131	1.70E-01	2.10E-01	8.80E-01
TM	LF	L14949-03	3/4/2009	K-40	1.39E+03	6.80E+01	9.80E+01 *
TM	LF	L14949-03	3/4/2009	La-140	3.10E+00	3.90E+00	1.30E+01
TM	LF	L14949-03	3/4/2009	Mn-54	-4.90E+00	2.10E+00	8.10E+00
TM	LF	L14949-03	3/4/2009	Nb-95	-4.60E+00	3.80E+00	1.40E+01
TM	LF	L14949-03	3/4/2009	Ru-103	1.00E+00	2.00E+00	7.10E+00
TM	LF	L14949-03	3/4/2009	Ru-106	-1.80E+01	1.90E+01	6.80E+01
TM	LF	L14949-03	3/4/2009	Sb-124	7.00E-01	4.40E+00	1.60E+01
TM	LF	L14949-03	3/4/2009	Sb-125	-9.00E-01	5.40E+00	1.90E+01
TM	LF	L14949-03	3/4/2009	Se-75	1.90E+00	2.40E+00	7.90E+00
TM	LF	L14949-03	3/4/2009	Zn-65	1.20E+01	1.00E+01	3.40E+01
TM	LF	L14949-03	3/4/2009	Zr-95	-9.00E+00	3.40E+00	1.40E+01
TM	MR	L14996-01	3/18/2009	AcTh-228	6.10E+00	8.50E+00	3.00E+01
TM	MR	L14996-01	3/18/2009	Ag-108m	-2.80E+00	1.60E+00	6.30E+00
TM	MR	L14996-01	3/18/2009	Ag-110m	-1.20E+00	3.40E+00	1.20E+01
TM	MR	L14996-01	3/18/2009	Ba-140	-4.80E+00	3.20E+00	1.50E+01
TM	MR	L14996-01	3/18/2009	Be-7	4.00E+00	1.80E+01	6.30E+01
TM	MR	L14996-01	3/18/2009	Ce-141	-8.00E-01	2.70E+00	9.40E+00
TM	MR	L14996-01	3/18/2009	Ce-144	1.80E+00	9.50E+00	3.30E+01
TM	MR	L14996-01	3/18/2009	Co-57	-2.10E+00	1.20E+00	4.40E+00
TM	MR	L14996-01	3/18/2009	Co-58	-4.00E-01	2.00E+00	7.40E+00
TM	MR	L14996-01	3/18/2009	Co-60	2.00E-01	2.30E+00	8.60E+00
TM	MR	L14996-01	3/18/2009	Cr-51	1.20E+01	1.90E+01	6.30E+01
TM	MR	L14996-01	3/18/2009	Cs-134	-1.60E+00	1.90E+00	8.70E+00
TM	MR	L14996-01	3/18/2009	Cs-137	7.00E-01	2.50E+00	8.70E+00
TM	MR	L14996-01	3/18/2009	Fe-59	-8.60E+00	5.50E+00	2.20E+01
TM	MR	L14996-01	3/18/2009	I-131	-9.40E-02	1.60E-02	8.90E-01
TM	MR	L14996-01	3/18/2009	K-40	1.53E+03	8.60E+01	1.10E+02 *
TM	MR	L14996-01	3/18/2009	La-140	-4.80E+00	3.20E+00	1.50E+01
TM	MR	L14996-01	3/18/2009	Mn-54	-2.10E+00	1.80E+00	7.10E+00
TM	MR	L14996-01	3/18/2009	Nb-95	-2.00E+00	2.50E+00	9.30E+00
TM	MR	L14996-01	3/18/2009	Ru-103	-5.00E-01	2.20E+00	8.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Data  
 Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L14996-01	3/18/2009	Ru-106	-3.30E+01	2.00E+01	7.60E+01
TM	MR	L14996-01	3/18/2009	Sb-124	4.70E+00	4.70E+00	1.70E+01
TM	MR	L14996-01	3/18/2009	Sb-125	-1.00E+00	5.30E+00	1.90E+01
TM	MR	L14996-01	3/18/2009	Se-75	-3.10E+00	1.90E+00	7.30E+00
TM	MR	L14996-01	3/18/2009	Zn-65	7.00E-01	5.60E+00	2.00E+01
TM	MR	L14996-01	3/18/2009	Zr-95	6.10E+00	4.10E+00	1.30E+01
TM	SF	L14996-02	3/18/2009	AcTh-228	-1.40E+00	8.40E+00	3.00E+01
TM	SF	L14996-02	3/18/2009	Ag-108m	-4.00E-01	1.60E+00	5.60E+00
TM	SF	L14996-02	3/18/2009	Ag-110m	3.80E+00	3.20E+00	1.10E+01
TM	SF	L14996-02	3/18/2009	Ba-140	-2.10E+00	3.60E+00	1.40E+01
TM	SF	L14996-02	3/18/2009	Be-7	6.00E+00	1.70E+01	6.00E+01
TM	SF	L14996-02	3/18/2009	Ce-141	-1.20E+00	2.70E+00	9.30E+00
TM	SF	L14996-02	3/18/2009	Ce-144	7.40E+00	9.70E+00	3.30E+01
TM	SF	L14996-02	3/18/2009	Co-57	5.00E-01	1.30E+00	4.30E+00
TM	SF	L14996-02	3/18/2009	Co-58	4.30E+00	2.50E+00	8.10E+00
TM	SF	L14996-02	3/18/2009	Co-60	-3.50E+00	2.40E+00	9.50E+00
TM	SF	L14996-02	3/18/2009	Cr-51	-1.00E+01	1.40E+01	5.20E+01
TM	SF	L14996-02	3/18/2009	Cs-134	1.70E+00	1.70E+00	7.90E+00
TM	SF	L14996-02	3/18/2009	Cs-137	-1.10E+00	2.10E+00	7.60E+00
TM	SF	L14996-02	3/18/2009	Fe-59	-6.00E-01	5.30E+00	1.90E+01
TM	SF	L14996-02	3/18/2009	I-131	2.60E-01	2.60E-01	9.30E-01
TM	SF	L14996-02	3/18/2009	K-40	1.26E+03	7.40E+01	1.10E+02 *
TM	SF	L14996-02	3/18/2009	La-140	-2.10E+00	3.60E+00	1.40E+01
TM	SF	L14996-02	3/18/2009	Mn-54	-4.00E-01	2.20E+00	7.90E+00
TM	SF	L14996-02	3/18/2009	Nb-95	5.00E-01	2.30E+00	8.00E+00
TM	SF	L14996-02	3/18/2009	Ru-103	-5.30E+00	2.00E+00	7.80E+00
TM	SF	L14996-02	3/18/2009	Ru-106	-9.00E+00	1.60E+01	5.90E+01
TM	SF	L14996-02	3/18/2009	Sb-124	1.00E+00	5.80E+00	2.10E+01
TM	SF	L14996-02	3/18/2009	Sb-125	7.90E+00	5.00E+00	1.60E+01
TM	SF	L14996-02	3/18/2009	Se-75	-4.00E-01	2.00E+00	7.10E+00
TM	SF	L14996-02	3/18/2009	Zn-65	-6.00E+00	5.00E+00	1.90E+01
TM	SF	L14996-02	3/18/2009	Zr-95	-1.00E-01	3.80E+00	1.40E+01
TM	LF	L14996-03	3/18/2009	AcTh-228	-1.31E+01	7.20E+00	2.70E+01
TM	LF	L14996-03	3/18/2009	Ag-108m	-1.20E+00	1.30E+00	4.70E+00
TM	LF	L14996-03	3/18/2009	Ag-110m	-1.30E+00	2.60E+00	9.40E+00
TM	LF	L14996-03	3/18/2009	Ba-140	-6.10E+00	3.70E+00	1.50E+01
TM	LF	L14996-03	3/18/2009	Be-7	6.00E+00	1.30E+01	4.50E+01
TM	LF	L14996-03	3/18/2009	Ce-141	-5.30E+00	2.20E+00	8.00E+00
TM	LF	L14996-03	3/18/2009	Ce-144	-5.10E+00	8.00E+00	2.80E+01
TM	LF	L14996-03	3/18/2009	Co-57	-1.00E+00	1.00E+00	3.60E+00
TM	LF	L14996-03	3/18/2009	Co-58	8.00E-01	1.80E+00	6.20E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L14996-03	3/18/2009	Co-60	1.90E+00	2.10E+00	7.10E+00
TM	LF	L14996-03	3/18/2009	Cr-51	-3.50E+01	1.30E+01	4.80E+01
TM	LF	L14996-03	3/18/2009	Cs-134	9.00E-01	1.50E+00	5.90E+00
TM	LF	L14996-03	3/18/2009	Cs-137	-4.00E+00	1.80E+00	6.90E+00
TM	LF	L14996-03	3/18/2009	Fe-59	4.00E-01	4.20E+00	1.50E+01
TM	LF	L14996-03	3/18/2009	I-131	-9.50E-02	1.60E-02	9.00E-01
TM	LF	L14996-03	3/18/2009	K-40	1.39E+03	6.90E+01	1.00E+02 *
TM	LF	L14996-03	3/18/2009	La-140	-6.10E+00	3.70E+00	1.50E+01
TM	LF	L14996-03	3/18/2009	Mn-54	3.90E+00	1.70E+00	5.40E+00
TM	LF	L14996-03	3/18/2009	Nb-95	-2.90E+00	1.80E+00	6.80E+00
TM	LF	L14996-03	3/18/2009	Ru-103	6.00E-01	1.70E+00	6.00E+00
TM	LF	L14996-03	3/18/2009	Ru-106	5.00E+00	1.40E+01	4.80E+01
TM	LF	L14996-03	3/18/2009	Sb-124	-7.70E+00	4.60E+00	1.90E+01
TM	LF	L14996-03	3/18/2009	Sb-125	1.70E+00	4.20E+00	1.50E+01
TM	LF	L14996-03	3/18/2009	Se-75	2.00E-01	1.60E+00	5.50E+00
TM	LF	L14996-03	3/18/2009	Zn-65	-3.80E+00	4.40E+00	1.70E+01
TM	LF	L14996-03	3/18/2009	Zr-95	3.30E+00	2.80E+00	9.60E+00
TM	MR	L15038-01	4/1/2009	AcTh-228	-1.17E+01	7.00E+00	2.70E+01
TM	MR	L15038-01	4/1/2009	Ag-108m	6.00E-01	1.40E+00	4.70E+00
TM	MR	L15038-01	4/1/2009	Ag-110m	3.00E+00	2.70E+00	9.20E+00
TM	MR	L15038-01	4/1/2009	Ba-140	-2.20E+00	3.60E+00	1.40E+01
TM	MR	L15038-01	4/1/2009	Be-7	1.80E+01	1.40E+01	4.70E+01
TM	MR	L15038-01	4/1/2009	Ce-141	-4.60E+00	2.30E+00	8.20E+00
TM	MR	L15038-01	4/1/2009	Ce-144	3.50E+00	8.20E+00	2.80E+01
TM	MR	L15038-01	4/1/2009	Co-57	-4.00E-01	1.00E+00	3.50E+00
TM	MR	L15038-01	4/1/2009	Co-58	1.50E+00	1.90E+00	6.40E+00
TM	MR	L15038-01	4/1/2009	Co-60	-1.40E+00	2.00E+00	7.70E+00
TM	MR	L15038-01	4/1/2009	Cr-51	1.70E+01	1.30E+01	4.20E+01
TM	MR	L15038-01	4/1/2009	Cs-134	-1.30E+00	1.50E+00	6.50E+00
TM	MR	L15038-01	4/1/2009	Cs-137	4.40E+00	1.90E+00	6.20E+00
TM	MR	L15038-01	4/1/2009	Fe-59	4.30E+00	5.20E+00	1.80E+01
TM	MR	L15038-01	4/1/2009	I-131	-1.33E-01	2.20E-02	6.40E-01
TM	MR	L15038-01	4/1/2009	K-40	1.60E+03	7.30E+01	1.00E+02 *
TM	MR	L15038-01	4/1/2009	La-140	-2.20E+00	3.60E+00	1.40E+01
TM	MR	L15038-01	4/1/2009	Mn-54	-3.10E+00	1.90E+00	7.20E+00
TM	MR	L15038-01	4/1/2009	Nb-95	-2.70E+00	2.00E+00	7.50E+00
TM	MR	L15038-01	4/1/2009	Ru-103	-1.00E-01	1.60E+00	5.80E+00
TM	MR	L15038-01	4/1/2009	Ru-106	-1.80E+01	1.70E+01	6.20E+01
TM	MR	L15038-01	4/1/2009	Sb-124	-5.30E+00	4.60E+00	1.80E+01
TM	MR	L15038-01	4/1/2009	Sb-125	5.10E+00	4.20E+00	1.40E+01
TM	MR	L15038-01	4/1/2009	Se-75	-3.00E-01	1.70E+00	6.00E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15038-01	4/1/2009	Zn-65	5.50E+00	5.10E+00	1.70E+01
TM	MR	L15038-01	4/1/2009	Zr-95	-3.10E+00	2.90E+00	1.10E+01
TM	SF	L15038-02	4/1/2009	AcTh-228	1.68E+01	9.50E+00	3.10E+01
TM	SF	L15038-02	4/1/2009	Ag-108m	9.00E-01	1.50E+00	5.00E+00
TM	SF	L15038-02	4/1/2009	Ag-110m	3.20E+00	2.80E+00	9.50E+00
TM	SF	L15038-02	4/1/2009	Ba-140	1.70E+00	3.60E+00	1.30E+01
TM	SF	L15038-02	4/1/2009	Be-7	-1.00E+00	1.50E+01	5.40E+01
TM	SF	L15038-02	4/1/2009	Ce-141	-3.90E+00	2.60E+00	9.20E+00
TM	SF	L15038-02	4/1/2009	Ce-144	-4.10E+00	9.40E+00	3.30E+01
TM	SF	L15038-02	4/1/2009	Co-57	-1.00E+00	1.20E+00	4.10E+00
TM	SF	L15038-02	4/1/2009	Co-58	-3.00E-01	2.00E+00	7.40E+00
TM	SF	L15038-02	4/1/2009	Co-60	2.80E+00	2.30E+00	7.80E+00
TM	SF	L15038-02	4/1/2009	Cr-51	1.00E+01	1.50E+01	5.20E+01
TM	SF	L15038-02	4/1/2009	Cs-134	-1.00E+00	1.40E+00	6.30E+00
TM	SF	L15038-02	4/1/2009	Cs-137	-3.60E+00	2.00E+00	7.70E+00
TM	SF	L15038-02	4/1/2009	Fe-59	1.60E+00	5.00E+00	1.80E+01
TM	SF	L15038-02	4/1/2009	I-131	-1.41E-01	2.40E-02	5.40E-01
TM	SF	L15038-02	4/1/2009	K-40	1.51E+03	7.70E+01	1.10E+02 *
TM	SF	L15038-02	4/1/2009	La-140	1.70E+00	3.60E+00	1.30E+01
TM	SF	L15038-02	4/1/2009	Mn-54	-8.00E-01	2.10E+00	7.70E+00
TM	SF	L15038-02	4/1/2009	Nb-95	3.60E+00	2.50E+00	8.30E+00
TM	SF	L15038-02	4/1/2009	Ru-103	2.00E-01	2.00E+00	7.10E+00
TM	SF	L15038-02	4/1/2009	Ru-106	3.00E+00	1.70E+01	5.90E+01
TM	SF	L15038-02	4/1/2009	Sb-124	0.00E+00	4.40E+00	1.70E+01
TM	SF	L15038-02	4/1/2009	Sb-125	7.60E+00	4.90E+00	1.60E+01
TM	SF	L15038-02	4/1/2009	Se-75	-1.00E+00	1.90E+00	6.80E+00
TM	SF	L15038-02	4/1/2009	Zn-65	0.00E+00	5.10E+00	1.80E+01
TM	SF	L15038-02	4/1/2009	Zr-95	2.60E+00	3.60E+00	1.20E+01
TM	LF	L15038-03	4/1/2009	AcTh-228	-1.00E+01	1.00E+01	3.90E+01
TM	LF	L15038-03	4/1/2009	Ag-108m	-1.70E+00	2.00E+00	7.40E+00
TM	LF	L15038-03	4/1/2009	Ag-110m	-3.20E+00	3.40E+00	1.30E+01
TM	LF	L15038-03	4/1/2009	Ba-140	4.90E+00	4.30E+00	1.50E+01
TM	LF	L15038-03	4/1/2009	Be-7	-2.50E+01	2.30E+01	8.40E+01
TM	LF	L15038-03	4/1/2009	Ce-141	1.40E+00	3.40E+00	1.20E+01
TM	LF	L15038-03	4/1/2009	Ce-144	4.00E+00	1.20E+01	4.00E+01
TM	LF	L15038-03	4/1/2009	Co-57	-3.00E-01	1.50E+00	5.10E+00
TM	LF	L15038-03	4/1/2009	Co-58	-4.00E-01	2.50E+00	9.40E+00
TM	LF	L15038-03	4/1/2009	Co-60	1.20E+00	3.00E+00	1.10E+01
TM	LF	L15038-03	4/1/2009	Cr-51	1.00E+01	2.00E+01	6.80E+01
TM	LF	L15038-03	4/1/2009	Cs-134	2.20E+00	1.70E+00	7.30E+00
TM	LF	L15038-03	4/1/2009	Cs-137	1.60E+00	2.50E+00	8.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15038-03	4/1/2009	Fe-59	-4.50E+00	6.00E+00	2.30E+01
TM	LF	L15038-03	4/1/2009	I-131	-1.38E-01	2.30E-02	7.90E-01
TM	LF	L15038-03	4/1/2009	K-40	1.44E+03	9.50E+01	1.40E+02 *
TM	LF	L15038-03	4/1/2009	La-140	4.90E+00	4.30E+00	1.50E+01
TM	LF	L15038-03	4/1/2009	Mn-54	9.00E-01	2.60E+00	9.40E+00
TM	LF	L15038-03	4/1/2009	Nb-95	-1.90E+00	2.70E+00	1.00E+01
TM	LF	L15038-03	4/1/2009	Ru-103	-2.00E+00	2.40E+00	9.20E+00
TM	LF	L15038-03	4/1/2009	Ru-106	-1.60E+01	2.20E+01	8.30E+01
TM	LF	L15038-03	4/1/2009	Sb-124	-4.40E+00	5.70E+00	2.40E+01
TM	LF	L15038-03	4/1/2009	Sb-125	-3.30E+00	6.00E+00	2.20E+01
TM	LF	L15038-03	4/1/2009	Sc-75	-2.00E-01	2.30E+00	8.30E+00
TM	LF	L15038-03	4/1/2009	Zn-65	-1.08E+01	7.30E+00	2.90E+01
TM	LF	L15038-03	4/1/2009	Zr-95	-1.70E+00	5.20E+00	1.90E+01
TM	MR	L15096-01	4/15/2009	AcTh-228	-9.70E+00	8.70E+00	3.30E+01
TM	MR	L15096-01	4/15/2009	Ag-108m	1.40E+00	1.70E+00	5.80E+00
TM	MR	L15096-01	4/15/2009	Ag-110m	2.00E-01	3.00E+00	1.10E+01
TM	MR	L15096-01	4/15/2009	Ba-140	-7.00E-01	3.50E+00	1.40E+01
TM	MR	L15096-01	4/15/2009	Be-7	-7.00E+00	1.70E+01	6.30E+01
TM	MR	L15096-01	4/15/2009	Ce-141	2.80E+00	3.00E+00	9.90E+00
TM	MR	L15096-01	4/15/2009	Ce-144	-5.00E+00	1.10E+01	4.00E+01
TM	MR	L15096-01	4/15/2009	Co-57	4.00E-01	1.50E+00	5.20E+00
TM	MR	L15096-01	4/15/2009	Co-58	2.10E+00	2.00E+00	6.80E+00
TM	MR	L15096-01	4/15/2009	Co-60	1.40E+00	2.30E+00	8.10E+00
TM	MR	L15096-01	4/15/2009	Cr-51	0.00E+00	1.70E+01	5.90E+01
TM	MR	L15096-01	4/15/2009	Cs-134	-9.00E-01	1.90E+00	8.60E+00
TM	MR	L15096-01	4/15/2009	Cs-137	-2.90E+00	2.30E+00	8.70E+00
TM	MR	L15096-01	4/15/2009	Fe-59	-5.90E+00	4.90E+00	1.90E+01
TM	MR	L15096-01	4/15/2009	I-131	-1.30E-01	1.20E-01	7.30E-01
TM	MR	L15096-01	4/15/2009	K-40	1.74E+03	8.20E+01	9.20E+01 *
TM	MR	L15096-01	4/15/2009	La-140	-7.00E-01	3.50E+00	1.40E+01
TM	MR	L15096-01	4/15/2009	Mn-54	-2.00E-01	2.00E+00	7.20E+00
TM	MR	L15096-01	4/15/2009	Nb-95	1.00E-01	2.20E+00	8.00E+00
TM	MR	L15096-01	4/15/2009	Ru-103	-3.00E-01	2.10E+00	7.60E+00
TM	MR	L15096-01	4/15/2009	Ru-106	-1.60E+01	1.90E+01	6.90E+01
TM	MR	L15096-01	4/15/2009	Sb-124	-4.70E+00	4.70E+00	2.00E+01
TM	MR	L15096-01	4/15/2009	Sb-125	-5.60E+00	5.40E+00	2.00E+01
TM	MR	L15096-01	4/15/2009	Sc-75	-1.60E+00	2.30E+00	8.30E+00
TM	MR	L15096-01	4/15/2009	Zn-65	-8.60E+00	6.10E+00	2.30E+01
TM	MR	L15096-01	4/15/2009	Zr-95	3.70E+00	3.70E+00	1.30E+01
TM	SF	L15096-02	4/15/2009	AcTh-228	6.10E+00	8.50E+00	2.90E+01
TM	SF	L15096-02	4/15/2009	Ag-108m	-8.00E-01	1.60E+00	5.70E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15096-02	4/15/2009	Ag-110m	-7.00E-01	3.10E+00	1.10E+01
TM	SF	L15096-02	4/15/2009	Ba-140	0.00E+00	3.90E+00	1.50E+01
TM	SF	L15096-02	4/15/2009	Be-7	-6.00E+00	1.40E+01	5.20E+01
TM	SF	L15096-02	4/15/2009	Ce-141	1.90E+00	2.60E+00	8.70E+00
TM	SF	L15096-02	4/15/2009	Ce-144	-1.57E+01	8.90E+00	3.20E+01
TM	SF	L15096-02	4/15/2009	Co-57	-1.10E+00	1.20E+00	4.20E+00
TM	SF	L15096-02	4/15/2009	Co-58	-1.00E+00	2.10E+00	7.60E+00
TM	SF	L15096-02	4/15/2009	Co-60	-2.80E+00	2.50E+00	9.80E+00
TM	SF	L15096-02	4/15/2009	Cr-51	1.00E+00	1.70E+01	5.90E+01
TM	SF	L15096-02	4/15/2009	Cs-134	-1.80E+00	1.70E+00	7.90E+00
TM	SF	L15096-02	4/15/2009	Cs-137	-8.00E-01	2.30E+00	8.30E+00
TM	SF	L15096-02	4/15/2009	Fe-59	1.80E+00	4.30E+00	1.50E+01
TM	SF	L15096-02	4/15/2009	I-131	-1.21E-01	9.40E-02	5.80E-01
TM	SF	L15096-02	4/15/2009	K-40	1.33E+03	7.50E+01	1.10E+02 *
TM	SF	L15096-02	4/15/2009	La-140	0.00E+00	3.90E+00	1.50E+01
TM	SF	L15096-02	4/15/2009	Mn-54	1.30E+00	1.90E+00	6.60E+00
TM	SF	L15096-02	4/15/2009	Nb-95	1.30E+00	2.20E+00	7.60E+00
TM	SF	L15096-02	4/15/2009	Ru-103	-6.00E-01	2.00E+00	7.10E+00
TM	SF	L15096-02	4/15/2009	Ru-106	-5.00E+00	2.10E+01	7.30E+01
TM	SF	L15096-02	4/15/2009	Sb-124	-4.80E+00	4.60E+00	1.90E+01
TM	SF	L15096-02	4/15/2009	Sb-125	-6.40E+00	4.90E+00	1.80E+01
TM	SF	L15096-02	4/15/2009	Se-75	-1.40E+00	1.90E+00	6.80E+00
TM	SF	L15096-02	4/15/2009	Zn-65	-4.20E+00	5.20E+00	2.00E+01
TM	SF	L15096-02	4/15/2009	Zr-95	-2.10E+00	3.20E+00	1.20E+01
TM	LF	L15096-03	4/15/2009	AcTh-228	6.20E+00	7.80E+00	2.70E+01
TM	LF	L15096-03	4/15/2009	Ag-108m	5.00E-01	1.60E+00	5.60E+00
TM	LF	L15096-03	4/15/2009	Ag-110m	-3.00E+00	2.40E+00	9.60E+00
TM	LF	L15096-03	4/15/2009	Ba-140	-5.50E+00	2.90E+00	1.30E+01
TM	LF	L15096-03	4/15/2009	Be-7	-2.20E+01	1.50E+01	5.70E+01
TM	LF	L15096-03	4/15/2009	Ce-141	4.30E+00	3.00E+00	9.80E+00
TM	LF	L15096-03	4/15/2009	Ce-144	2.00E+00	1.10E+01	3.80E+01
TM	LF	L15096-03	4/15/2009	Co-57	1.20E+00	1.40E+00	4.90E+00
TM	LF	L15096-03	4/15/2009	Co-58	3.40E+00	2.10E+00	6.70E+00
TM	LF	L15096-03	4/15/2009	Co-60	2.60E+00	2.40E+00	8.30E+00
TM	LF	L15096-03	4/15/2009	Cr-51	1.40E+01	1.80E+01	6.20E+01
TM	LF	L15096-03	4/15/2009	Cs-134	-2.40E+00	2.00E+00	8.20E+00
TM	LF	L15096-03	4/15/2009	Cs-137	3.00E-01	2.10E+00	7.40E+00
TM	LF	L15096-03	4/15/2009	Fe-59	4.90E+00	4.70E+00	1.60E+01
TM	LF	L15096-03	4/15/2009	I-131	1.20E-01	2.20E-01	9.20E-01
TM	LF	L15096-03	4/15/2009	K-40	1.40E+03	7.30E+01	1.00E+02 *
TM	LF	L15096-03	4/15/2009	La-140	-5.50E+00	2.90E+00	1.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15096-03	4/15/2009	Mn-54	7.00E-01	2.10E+00	7.40E+00
TM	LF	L15096-03	4/15/2009	Nb-95	1.30E+00	2.30E+00	8.10E+00
TM	LF	L15096-03	4/15/2009	Ru-103	1.40E+00	2.30E+00	7.80E+00
TM	LF	L15096-03	4/15/2009	Ru-106	1.40E+01	1.80E+01	6.20E+01
TM	LF	L15096-03	4/15/2009	Sb-124	-1.31E+01	4.00E+00	2.00E+01
TM	LF	L15096-03	4/15/2009	Sb-125	3.30E+00	4.90E+00	1.70E+01
TM	LF	L15096-03	4/15/2009	Se-75	-1.90E+00	2.50E+00	8.70E+00
TM	LF	L15096-03	4/15/2009	Zn-65	-8.00E+00	5.70E+00	2.20E+01
TM	LF	L15096-03	4/15/2009	Zr-95	1.70E+00	3.50E+00	1.20E+01
TM	MR	L15145-01	4/29/2009	AcTh-228	6.50E+00	7.40E+00	2.50E+01
TM	MR	L15145-01	4/29/2009	Ag-108m	5.00E-01	1.10E+00	3.90E+00
TM	MR	L15145-01	4/29/2009	Ag-110m	3.30E+00	1.90E+00	6.30E+00
TM	MR	L15145-01	4/29/2009	Ba-140	-4.50E+00	3.70E+00	1.40E+01
TM	MR	L15145-01	4/29/2009	Be-7	2.20E+01	1.20E+01	4.00E+01
TM	MR	L15145-01	4/29/2009	Ce-141	2.10E+00	1.90E+00	6.40E+00
TM	MR	L15145-01	4/29/2009	Ce-144	2.60E+00	6.60E+00	2.20E+01
TM	MR	L15145-01	4/29/2009	Co-57	-7.40E-01	8.50E-01	2.90E+00
TM	MR	L15145-01	4/29/2009	Co-58	-1.00E-01	1.60E+00	5.50E+00
TM	MR	L15145-01	4/29/2009	Co-60	7.00E-01	1.80E+00	6.40E+00
TM	MR	L15145-01	4/29/2009	Cr-51	9.00E+00	1.40E+01	4.90E+01
TM	MR	L15145-01	4/29/2009	Cs-134	-1.00E-01	1.10E+00	5.10E+00
TM	MR	L15145-01	4/29/2009	Cs-137	1.00E+00	1.60E+00	5.50E+00
TM	MR	L15145-01	4/29/2009	Fe-59	1.70E+00	4.20E+00	1.50E+01
TM	MR	L15145-01	4/29/2009	I-131	-2.20E-01	1.20E-01	7.70E-01
TM	MR	L15145-01	4/29/2009	K-40	1.79E+03	6.20E+01	7.50E+01 *
TM	MR	L15145-01	4/29/2009	La-140	-4.50E+00	3.70E+00	1.40E+01
TM	MR	L15145-01	4/29/2009	Mn-54	1.00E-01	1.40E+00	4.90E+00
TM	MR	L15145-01	4/29/2009	Nb-95	4.00E-01	1.90E+00	6.60E+00
TM	MR	L15145-01	4/29/2009	Ru-103	-1.70E+00	1.50E+00	5.50E+00
TM	MR	L15145-01	4/29/2009	Ru-106	6.00E+00	1.30E+01	4.50E+01
TM	MR	L15145-01	4/29/2009	Sb-124	-1.60E+00	3.30E+00	1.30E+01
TM	MR	L15145-01	4/29/2009	Sb-125	9.00E-01	3.60E+00	1.20E+01
TM	MR	L15145-01	4/29/2009	Se-75	7.00E-01	1.50E+00	5.00E+00
TM	MR	L15145-01	4/29/2009	Zn-65	4.50E+00	3.90E+00	1.30E+01
TM	MR	L15145-01	4/29/2009	Zr-95	6.00E-01	2.50E+00	8.80E+00
TM	SF	L15145-02	4/29/2009	AcTh-228	-9.00E-01	5.90E+00	2.00E+01
TM	SF	L15145-02	4/29/2009	Ag-108m	1.40E-01	9.70E-01	3.40E+00
TM	SF	L15145-02	4/29/2009	Ag-110m	-8.00E-01	1.90E+00	6.60E+00
TM	SF	L15145-02	4/29/2009	Ba-140	-3.10E+00	3.10E+00	1.20E+01
TM	SF	L15145-02	4/29/2009	Be-7	1.00E+01	1.00E+01	3.50E+01
TM	SF	L15145-02	4/29/2009	Ce-141	1.50E+00	2.70E+00	9.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15145-02	4/29/2009	Ce-144	-6.70E+00	7.50E+00	2.60E+01
TM	SF	L15145-02	4/29/2009	Co-57	1.08E+00	9.20E-01	3.10E+00
TM	SF	L15145-02	4/29/2009	Co-58	3.00E-01	1.30E+00	4.70E+00
TM	SF	L15145-02	4/29/2009	Co-60	7.00E-01	1.60E+00	5.40E+00
TM	SF	L15145-02	4/29/2009	Cr-51	-1.50E+01	1.20E+01	4.40E+01
TM	SF	L15145-02	4/29/2009	Cs-134	-2.10E+00	1.20E+00	5.70E+00
TM	SF	L15145-02	4/29/2009	Cs-137	-2.50E+00	1.20E+00	4.40E+00
TM	SF	L15145-02	4/29/2009	Fe-59	7.00E-01	3.40E+00	1.20E+01
TM	SF	L15145-02	4/29/2009	I-131	2.70E-01	2.50E-01	9.00E-01
TM	SF	L15145-02	4/29/2009	K-40	1.50E+03	5.00E+01	6.30E+01 *
TM	SF	L15145-02	4/29/2009	La-140	-3.10E+00	3.10E+00	1.20E+01
TM	SF	L15145-02	4/29/2009	Mn-54	-1.00E-01	1.30E+00	4.60E+00
TM	SF	L15145-02	4/29/2009	Nb-95	1.50E+00	1.90E+00	6.40E+00
TM	SF	L15145-02	4/29/2009	Ru-103	-4.40E+00	1.60E+00	5.90E+00
TM	SF	L15145-02	4/29/2009	Ru-106	3.10E+01	1.20E+01	3.70E+01
TM	SF	L15145-02	4/29/2009	Sb-124	4.00E-01	2.90E+00	1.00E+01
TM	SF	L15145-02	4/29/2009	Sb-125	6.00E-01	3.00E+00	1.10E+01
TM	SF	L15145-02	4/29/2009	Se-75	-3.00E-01	1.60E+00	5.50E+00
TM	SF	L15145-02	4/29/2009	Zn-65	-2.10E+00	3.30E+00	1.20E+01
TM	SF	L15145-02	4/29/2009	Zr-95	-8.00E-01	2.40E+00	8.50E+00
TM	LF	L15145-03	4/29/2009	AcTh-228	-9.70E+00	6.30E+00	2.40E+01
TM	LF	L15145-03	4/29/2009	Ag-108m	-3.00E-01	1.10E+00	3.80E+00
TM	LF	L15145-03	4/29/2009	Ag-110m	2.70E+00	2.30E+00	7.60E+00
TM	LF	L15145-03	4/29/2009	Ba-140	7.10E+00	4.40E+00	1.40E+01
TM	LF	L15145-03	4/29/2009	Be-7	1.60E+01	1.30E+01	4.20E+01
TM	LF	L15145-03	4/29/2009	Ce-141	7.00E-01	1.60E+00	5.40E+00
TM	LF	L15145-03	4/29/2009	Ce-144	1.30E+00	6.90E+00	2.30E+01
TM	LF	L15145-03	4/29/2009	Co-57	-5.00E-01	8.70E-01	3.00E+00
TM	LF	L15145-03	4/29/2009	Co-58	5.00E-01	1.60E+00	5.70E+00
TM	LF	L15145-03	4/29/2009	Co-60	-1.90E+00	1.70E+00	6.40E+00
TM	LF	L15145-03	4/29/2009	Cr-51	-1.10E+01	1.30E+01	4.60E+01
TM	LF	L15145-03	4/29/2009	Cs-134	-1.60E+00	1.30E+00	5.90E+00
TM	LF	L15145-03	4/29/2009	Cs-137	-2.40E+00	1.60E+00	5.80E+00
TM	LF	L15145-03	4/29/2009	Fe-59	2.00E-01	4.20E+00	1.50E+01
TM	LF	L15145-03	4/29/2009	I-131	-1.10E-01	1.30E-01	7.40E-01
TM	LF	L15145-03	4/29/2009	K-40	1.31E+03	5.80E+01	8.10E+01 *
TM	LF	L15145-03	4/29/2009	La-140	7.10E+00	4.40E+00	1.40E+01
TM	LF	L15145-03	4/29/2009	Mn-54	3.00E-01	1.70E+00	5.80E+00
TM	LF	L15145-03	4/29/2009	Nb-95	2.50E+00	1.70E+00	5.70E+00
TM	LF	L15145-03	4/29/2009	Ru-103	-1.00E+00	1.70E+00	6.10E+00
TM	LF	L15145-03	4/29/2009	Ru-106	2.00E+01	1.40E+01	4.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15145-03	4/29/2009	Sb-124	1.50E+00	5.20E+00	1.90E+01
TM	LF	L15145-03	4/29/2009	Sb-125	2.90E+00	3.50E+00	1.20E+01
TM	LF	L15145-03	4/29/2009	Se-75	-1.00E-01	1.40E+00	5.00E+00
TM	LF	L15145-03	4/29/2009	Zn-65	-4.10E+00	4.40E+00	1.60E+01
TM	LF	L15145-03	4/29/2009	Zr-95	1.60E+00	2.70E+00	9.30E+00
TM	MR	L15204-01	5/13/2009	AcTh-228	-2.71E+01	9.30E+00	3.80E+01
TM	MR	L15204-01	5/13/2009	Ag-108m	-1.00E+00	1.80E+00	6.70E+00
TM	MR	L15204-01	5/13/2009	Ag-110m	4.80E+00	3.60E+00	1.20E+01
TM	MR	L15204-01	5/13/2009	Ba-140	-8.00E-01	3.30E+00	1.30E+01
TM	MR	L15204-01	5/13/2009	Be-7	-3.40E+01	2.10E+01	7.80E+01
TM	MR	L15204-01	5/13/2009	Ce-141	9.00E-01	3.30E+00	1.10E+01
TM	MR	L15204-01	5/13/2009	Ce-144	-5.00E+00	1.20E+01	4.30E+01
TM	MR	L15204-01	5/13/2009	Co-57	2.90E+00	1.60E+00	5.10E+00
TM	MR	L15204-01	5/13/2009	Co-58	-1.80E+00	2.40E+00	8.90E+00
TM	MR	L15204-01	5/13/2009	Co-60	-2.80E+00	2.60E+00	1.00E+01
TM	MR	L15204-01	5/13/2009	Cr-51	3.20E+01	1.80E+01	5.80E+01
TM	MR	L15204-01	5/13/2009	Cs-134	-1.00E+00	1.50E+00	7.60E+00
TM	MR	L15204-01	5/13/2009	Cs-137	-1.40E+00	2.50E+00	9.10E+00
TM	MR	L15204-01	5/13/2009	Fe-59	-3.50E+00	5.50E+00	2.10E+01
TM	MR	L15204-01	5/13/2009	I-131	-1.01E-01	1.80E-02	8.30E-01
TM	MR	L15204-01	5/13/2009	K-40	1.72E+03	8.90E+01	1.20E+02 *
TM	MR	L15204-01	5/13/2009	La-140	-8.00E-01	3.30E+00	1.30E+01
TM	MR	L15204-01	5/13/2009	Mn-54	-2.30E+00	2.10E+00	8.10E+00
TM	MR	L15204-01	5/13/2009	Nb-95	-2.80E+00	2.80E+00	1.00E+01
TM	MR	L15204-01	5/13/2009	Ru-103	-4.00E+00	2.20E+00	8.70E+00
TM	MR	L15204-01	5/13/2009	Ru-106	0.00E+00	1.90E+01	6.90E+01
TM	MR	L15204-01	5/13/2009	Sb-124	2.20E+00	4.80E+00	1.80E+01
TM	MR	L15204-01	5/13/2009	Sb-125	1.06E+01	5.50E+00	1.80E+01
TM	MR	L15204-01	5/13/2009	Se-75	-1.30E+00	2.40E+00	8.50E+00
TM	MR	L15204-01	5/13/2009	Zn-65	0.00E+00	5.70E+00	2.10E+01
TM	MR	L15204-01	5/13/2009	Zr-95	-4.90E+00	4.10E+00	1.60E+01
TM	SF	L15204-02	5/13/2009	AcTh-228	-8.20E+00	9.10E+00	3.40E+01
TM	SF	L15204-02	5/13/2009	Ag-108m	-1.20E+00	1.60E+00	5.90E+00
TM	SF	L15204-02	5/13/2009	Ag-110m	1.20E+00	2.90E+00	1.00E+01
TM	SF	L15204-02	5/13/2009	Ba-140	6.20E+00	3.80E+00	1.20E+01
TM	SF	L15204-02	5/13/2009	Be-7	1.70E+01	1.50E+01	5.20E+01
TM	SF	L15204-02	5/13/2009	Ce-141	-1.80E+00	2.70E+00	9.40E+00
TM	SF	L15204-02	5/13/2009	Ce-144	-4.20E+00	9.60E+00	3.40E+01
TM	SF	L15204-02	5/13/2009	Co-57	2.00E+00	1.30E+00	4.20E+00
TM	SF	L15204-02	5/13/2009	Co-58	1.80E+00	2.00E+00	7.00E+00
TM	SF	L15204-02	5/13/2009	Co-60	1.80E+00	2.30E+00	8.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15204-02	5/13/2009	Cr-51	1.40E+01	1.80E+01	6.00E+01
TM	SF	L15204-02	5/13/2009	Cs-134	-7.00E-01	1.50E+00	7.10E+00
TM	SF	L15204-02	5/13/2009	Cs-137	2.20E+00	2.20E+00	7.50E+00
TM	SF	L15204-02	5/13/2009	Fe-59	-4.10E+00	5.90E+00	2.20E+01
TM	SF	L15204-02	5/13/2009	I-131	5.30E-01	3.20E-01	8.60E-01
TM	SF	L15204-02	5/13/2009	K-40	1.44E+03	8.50E+01	1.30E+02 *
TM	SF	L15204-02	5/13/2009	La-140	6.20E+00	3.80E+00	1.20E+01
TM	SF	L15204-02	5/13/2009	Mn-54	-1.90E+00	1.80E+00	7.10E+00
TM	SF	L15204-02	5/13/2009	Nb-95	-2.20E+00	2.10E+00	8.20E+00
TM	SF	L15204-02	5/13/2009	Ru-103	-1.50E+00	2.00E+00	7.50E+00
TM	SF	L15204-02	5/13/2009	Ru-106	4.00E+00	1.90E+01	6.80E+01
TM	SF	L15204-02	5/13/2009	Sb-124	0.00E+00	4.50E+00	1.80E+01
TM	SF	L15204-02	5/13/2009	Sb-125	-3.00E+00	4.80E+00	1.80E+01
TM	SF	L15204-02	5/13/2009	Se-75	1.00E-01	2.10E+00	7.20E+00
TM	SF	L15204-02	5/13/2009	Zn-65	0.00E+00	5.00E+00	1.80E+01
TM	SF	L15204-02	5/13/2009	Zr-95	-4.10E+00	3.40E+00	1.40E+01
TM	LF	L15204-03	5/13/2009	AcTh-228	8.80E+00	8.50E+00	2.90E+01
TM	LF	L15204-03	5/13/2009	Ag-108m	3.00E-01	1.60E+00	5.70E+00
TM	LF	L15204-03	5/13/2009	Ag-110m	1.10E+00	2.80E+00	9.90E+00
TM	LF	L15204-03	5/13/2009	Ba-140	-2.10E+00	3.00E+00	1.20E+01
TM	LF	L15204-03	5/13/2009	Be-7	5.00E+00	1.50E+01	5.20E+01
TM	LF	L15204-03	5/13/2009	Ce-141	-1.00E-01	3.00E+00	1.00E+01
TM	LF	L15204-03	5/13/2009	Ce-144	-9.00E+00	1.10E+01	4.00E+01
TM	LF	L15204-03	5/13/2009	Co-57	-1.10E+00	1.40E+00	5.00E+00
TM	LF	L15204-03	5/13/2009	Co-58	5.80E+00	2.20E+00	6.60E+00
TM	LF	L15204-03	5/13/2009	Co-60	1.10E+00	2.10E+00	7.40E+00
TM	LF	L15204-03	5/13/2009	Cr-51	3.60E+01	1.70E+01	5.50E+01
TM	LF	L15204-03	5/13/2009	Cs-134	-8.00E-01	1.50E+00	7.50E+00
TM	LF	L15204-03	5/13/2009	Cs-137	1.00E-01	1.90E+00	7.00E+00
TM	LF	L15204-03	5/13/2009	Fe-59	-2.60E+00	4.80E+00	1.80E+01
TM	LF	L15204-03	5/13/2009	I-131	6.00E-02	1.70E-01	9.00E-01
TM	LF	L15204-03	5/13/2009	K-40	1.48E+03	7.90E+01	1.10E+02 *
TM	LF	L15204-03	5/13/2009	La-140	-2.10E+00	3.00E+00	1.20E+01
TM	LF	L15204-03	5/13/2009	Mn-54	-3.00E-01	2.10E+00	7.60E+00
TM	LF	L15204-03	5/13/2009	Nb-95	2.00E-01	2.20E+00	8.10E+00
TM	LF	L15204-03	5/13/2009	Ru-103	1.60E+00	2.40E+00	8.20E+00
TM	LF	L15204-03	5/13/2009	Ru-106	3.50E+01	1.60E+01	5.00E+01
TM	LF	L15204-03	5/13/2009	Sb-124	-4.00E+00	3.70E+00	1.60E+01
TM	LF	L15204-03	5/13/2009	Sb-125	4.30E+00	4.70E+00	1.60E+01
TM	LF	L15204-03	5/13/2009	Se-75	1.50E+00	2.60E+00	8.80E+00
TM	LF	L15204-03	5/13/2009	Zn-65	-8.20E+00	5.60E+00	2.20E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15204-03	5/13/2009	Zr-95	-1.90E+00	3.50E+00	1.30E+01
TM	MR	L15256-01	5/27/2009	AcTh-228	-1.00E+00	9.10E+00	3.30E+01
TM	MR	L15256-01	5/27/2009	Ag-108m	1.60E+00	1.80E+00	6.10E+00
TM	MR	L15256-01	5/27/2009	Ag-110m	6.00E+00	3.20E+00	1.00E+01
TM	MR	L15256-01	5/27/2009	Ba-140	1.60E+00	3.70E+00	1.40E+01
TM	MR	L15256-01	5/27/2009	Be-7	-3.40E+01	1.90E+01	7.30E+01
TM	MR	L15256-01	5/27/2009	Ce-141	1.70E+00	3.50E+00	1.20E+01
TM	MR	L15256-01	5/27/2009	Ce-144	2.60E+01	1.20E+01	3.80E+01
TM	MR	L15256-01	5/27/2009	Co-57	0.00E+00	1.60E+00	5.50E+00
TM	MR	L15256-01	5/27/2009	Co-58	-1.60E+00	2.40E+00	8.90E+00
TM	MR	L15256-01	5/27/2009	Co-60	4.20E+00	2.50E+00	7.90E+00
TM	MR	L15256-01	5/27/2009	Cr-51	-2.10E+01	1.70E+01	6.50E+01
TM	MR	L15256-01	5/27/2009	Cs-134	-3.00E+00	1.50E+00	8.00E+00
TM	MR	L15256-01	5/27/2009	Cs-137	2.90E+00	2.20E+00	7.50E+00
TM	MR	L15256-01	5/27/2009	Fe-59	1.40E+00	5.20E+00	1.90E+01
TM	MR	L15256-01	5/27/2009	I-131	4.60E-01	3.00E-01	8.70E-01
TM	MR	L15256-01	5/27/2009	K-40	1.81E+03	9.30E+01	1.20E+02 *
TM	MR	L15256-01	5/27/2009	La-140	1.60E+00	3.70E+00	1.40E+01
TM	MR	L15256-01	5/27/2009	Mn-54	9.00E-01	2.30E+00	8.20E+00
TM	MR	L15256-01	5/27/2009	Nb-95	-2.50E+00	2.20E+00	8.70E+00
TM	MR	L15256-01	5/27/2009	Ru-103	-3.70E+00	2.60E+00	9.70E+00
TM	MR	L15256-01	5/27/2009	Ru-106	2.00E+00	2.00E+01	7.20E+01
TM	MR	L15256-01	5/27/2009	Sb-124	1.36E+01	4.80E+00	1.20E+01
TM	MR	L15256-01	5/27/2009	Sb-125	-4.00E-01	6.10E+00	2.20E+01
TM	MR	L15256-01	5/27/2009	Se-75	-9.00E-01	2.50E+00	9.10E+00
TM	MR	L15256-01	5/27/2009	Zn-65	-1.26E+01	6.50E+00	2.60E+01
TM	MR	L15256-01	5/27/2009	Zr-95	3.00E+00	4.30E+00	1.50E+01
TM	SF	L15256-02	5/27/2009	AcTh-228	1.16E+01	9.50E+00	3.20E+01
TM	SF	L15256-02	5/27/2009	Ag-108m	1.00E+00	1.70E+00	5.90E+00
TM	SF	L15256-02	5/27/2009	Ag-110m	-7.00E-01	2.80E+00	1.00E+01
TM	SF	L15256-02	5/27/2009	Ba-140	6.00E-01	3.80E+00	1.40E+01
TM	SF	L15256-02	5/27/2009	Be-7	2.00E+00	1.60E+01	5.50E+01
TM	SF	L15256-02	5/27/2009	Ce-141	-3.20E+00	2.60E+00	9.20E+00
TM	SF	L15256-02	5/27/2009	Ce-144	-9.60E+00	9.10E+00	3.20E+01
TM	SF	L15256-02	5/27/2009	Co-57	-2.40E+00	1.20E+00	4.30E+00
TM	SF	L15256-02	5/27/2009	Co-58	5.90E+00	2.30E+00	7.00E+00
TM	SF	L15256-02	5/27/2009	Co-60	2.60E+00	2.40E+00	8.30E+00
TM	SF	L15256-02	5/27/2009	Cr-51	-2.00E+01	1.60E+01	5.80E+01
TM	SF	L15256-02	5/27/2009	Cs-134	2.00E+00	1.50E+00	7.10E+00
TM	SF	L15256-02	5/27/2009	Cs-137	0.00E+00	1.80E+00	6.60E+00
TM	SF	L15256-02	5/27/2009	Fe-59	-3.30E+00	5.40E+00	2.00E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15256-02	5/27/2009	I-131	2.00E-02	1.60E-01	9.20E-01
TM	SF	L15256-02	5/27/2009	K-40	1.33E+03	7.90E+01	1.30E+02 *
TM	SF	L15256-02	5/27/2009	La-140	6.00E-01	3.80E+00	1.40E+01
TM	SF	L15256-02	5/27/2009	Mn-54	1.70E+00	2.20E+00	7.70E+00
TM	SF	L15256-02	5/27/2009	Nb-95	1.00E-01	2.20E+00	8.00E+00
TM	SF	L15256-02	5/27/2009	Ru-103	1.80E+00	1.80E+00	6.20E+00
TM	SF	L15256-02	5/27/2009	Ru-106	-1.10E+01	1.70E+01	6.40E+01
TM	SF	L15256-02	5/27/2009	Sb-124	-3.50E+00	5.50E+00	2.20E+01
TM	SF	L15256-02	5/27/2009	Sb-125	-7.30E+00	5.00E+00	1.90E+01
TM	SF	L15256-02	5/27/2009	Se-75	9.00E-01	2.00E+00	6.80E+00
TM	SF	L15256-02	5/27/2009	Zn-65	-9.70E+00	5.20E+00	2.10E+01
TM	SF	L15256-02	5/27/2009	Zr-95	0.00E+00	3.50E+00	1.30E+01
TM	LF	L15256-03	5/27/2009	AcTh-228	-1.34E+01	9.70E+00	3.60E+01
TM	LF	L15256-03	5/27/2009	Ag-108m	7.00E-01	1.60E+00	5.50E+00
TM	LF	L15256-03	5/27/2009	Ag-110m	0.00E+00	2.90E+00	1.00E+01
TM	LF	L15256-03	5/27/2009	Ba-140	-3.50E+00	3.50E+00	1.50E+01
TM	LF	L15256-03	5/27/2009	Be-7	-9.00E+00	1.50E+01	5.70E+01
TM	LF	L15256-03	5/27/2009	Ce-141	0.00E+00	2.50E+00	8.80E+00
TM	LF	L15256-03	5/27/2009	Ce-144	-5.00E+00	9.40E+00	3.30E+01
TM	LF	L15256-03	5/27/2009	Co-57	1.10E+00	1.20E+00	3.90E+00
TM	LF	L15256-03	5/27/2009	Co-58	-4.00E-01	1.70E+00	6.50E+00
TM	LF	L15256-03	5/27/2009	Co-60	2.30E+00	2.30E+00	8.00E+00
TM	LF	L15256-03	5/27/2009	Cr-51	-4.00E+00	1.70E+01	5.90E+01
TM	LF	L15256-03	5/27/2009	Cs-134	-1.20E+00	1.60E+00	7.10E+00
TM	LF	L15256-03	5/27/2009	Cs-137	1.30E+00	2.00E+00	6.90E+00
TM	LF	L15256-03	5/27/2009	Fe-59	-4.30E+00	5.00E+00	1.90E+01
TM	LF	L15256-03	5/27/2009	I-131	1.00E-02	1.50E-01	8.70E-01
TM	LF	L15256-03	5/27/2009	K-40	1.43E+03	7.80E+01	1.00E+02 *
TM	LF	L15256-03	5/27/2009	La-140	-3.50E+00	3.50E+00	1.50E+01
TM	LF	L15256-03	5/27/2009	Mn-54	2.80E+00	1.60E+00	5.20E+00
TM	LF	L15256-03	5/27/2009	Nb-95	-1.10E+00	2.40E+00	8.80E+00
TM	LF	L15256-03	5/27/2009	Ru-103	-1.00E+00	2.10E+00	7.60E+00
TM	LF	L15256-03	5/27/2009	Ru-106	3.00E+00	1.90E+01	6.80E+01
TM	LF	L15256-03	5/27/2009	Sb-124	5.10E+00	5.70E+00	2.00E+01
TM	LF	L15256-03	5/27/2009	Sb-125	-2.70E+00	4.70E+00	1.70E+01
TM	LF	L15256-03	5/27/2009	Se-75	3.40E+00	1.90E+00	6.40E+00
TM	LF	L15256-03	5/27/2009	Zn-65	-1.90E+00	5.10E+00	1.90E+01
TM	LF	L15256-03	5/27/2009	Zr-95	-4.10E+00	3.50E+00	1.30E+01
TM	MR	L15295-01	6/10/2009	AcTh-228	-9.30E+00	9.80E+00	3.70E+01
TM	MR	L15295-01	6/10/2009	Ag-108m	-3.00E+00	1.70E+00	6.50E+00
TM	MR	L15295-01	6/10/2009	Ag-110m	3.50E+00	3.50E+00	1.20E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15295-01	6/10/2009	Ba-140	0.00E+00	3.60E+00	1.40E+01
TM	MR	L15295-01	6/10/2009	Be-7	-2.80E+01	1.70E+01	6.50E+01
TM	MR	L15295-01	6/10/2009	Ce-141	-4.00E-01	2.90E+00	1.00E+01
TM	MR	L15295-01	6/10/2009	Ce-144	6.00E+00	1.10E+01	3.60E+01
TM	MR	L15295-01	6/10/2009	Co-57	2.40E+00	1.30E+00	4.40E+00
TM	MR	L15295-01	6/10/2009	Co-58	2.00E-01	2.50E+00	8.90E+00
TM	MR	L15295-01	6/10/2009	Co-60	-1.00E+00	2.70E+00	1.00E+01
TM	MR	L15295-01	6/10/2009	Cr-51	1.40E+01	1.80E+01	6.00E+01
TM	MR	L15295-01	6/10/2009	Cs-134	-4.00E-01	1.50E+00	7.00E+00
TM	MR	L15295-01	6/10/2009	Cs-137	8.00E-01	2.20E+00	7.80E+00
TM	MR	L15295-01	6/10/2009	Fe-59	6.10E+00	5.20E+00	1.70E+01
TM	MR	L15295-01	6/10/2009	I-131	-8.70E-02	1.80E-02	9.80E-01
TM	MR	L15295-01	6/10/2009	K-40	1.69E+03	9.00E+01	1.20E+02 *
TM	MR	L15295-01	6/10/2009	La-140	0.00E+00	3.60E+00	1.40E+01
TM	MR	L15295-01	6/10/2009	Mn-54	-1.80E+00	2.20E+00	8.20E+00
TM	MR	L15295-01	6/10/2009	Nb-95	-7.10E+00	2.30E+00	9.70E+00
TM	MR	L15295-01	6/10/2009	Ru-103	4.00E-01	2.10E+00	7.30E+00
TM	MR	L15295-01	6/10/2009	Ru-106	2.60E+01	1.90E+01	6.40E+01
TM	MR	L15295-01	6/10/2009	Sb-124	4.50E+00	5.70E+00	2.00E+01
TM	MR	L15295-01	6/10/2009	Sb-125	-5.50E+00	5.60E+00	2.10E+01
TM	MR	L15295-01	6/10/2009	Se-75	3.00E-01	2.20E+00	7.60E+00
TM	MR	L15295-01	6/10/2009	Zn-65	2.80E+00	6.40E+00	2.30E+01
TM	MR	L15295-01	6/10/2009	Zr-95	7.90E+00	3.70E+00	1.20E+01
TM	SF	L15295-02	6/10/2009	AcTh-228	2.80E+00	8.40E+00	3.00E+01
TM	SF	L15295-02	6/10/2009	Ag-108m	5.00E-01	1.60E+00	5.70E+00
TM	SF	L15295-02	6/10/2009	Ag-110m	1.10E+00	2.80E+00	1.00E+01
TM	SF	L15295-02	6/10/2009	Ba-140	-2.60E+00	3.00E+00	1.30E+01
TM	SF	L15295-02	6/10/2009	Be-7	1.70E+01	1.70E+01	5.80E+01
TM	SF	L15295-02	6/10/2009	Ce-141	-7.20E+00	3.00E+00	1.10E+01
TM	SF	L15295-02	6/10/2009	Ce-144	3.00E+00	1.10E+01	3.90E+01
TM	SF	L15295-02	6/10/2009	Co-57	-3.00E-01	1.50E+00	5.10E+00
TM	SF	L15295-02	6/10/2009	Co-58	-2.30E+00	2.10E+00	8.20E+00
TM	SF	L15295-02	6/10/2009	Co-60	7.00E-01	2.60E+00	9.20E+00
TM	SF	L15295-02	6/10/2009	Cr-51	7.00E+00	1.80E+01	6.30E+01
TM	SF	L15295-02	6/10/2009	Cs-134	1.20E+00	1.80E+00	7.70E+00
TM	SF	L15295-02	6/10/2009	Cs-137	3.80E+00	2.10E+00	6.80E+00
TM	SF	L15295-02	6/10/2009	Fe-59	6.70E+00	4.90E+00	1.60E+01
TM	SF	L15295-02	6/10/2009	I-131	-8.60E-02	1.80E-02	9.60E-01
TM	SF	L15295-02	6/10/2009	K-40	1.52E+03	8.00E+01	1.10E+02 *
TM	SF	L15295-02	6/10/2009	La-140	-2.60E+00	3.00E+00	1.30E+01
TM	SF	L15295-02	6/10/2009	Mn-54	5.00E-01	2.00E+00	7.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15295-02	6/10/2009	Nb-95	2.80E+00	2.70E+00	9.20E+00
TM	SF	L15295-02	6/10/2009	Ru-103	-1.00E+00	2.30E+00	8.20E+00
TM	SF	L15295-02	6/10/2009	Ru-106	-3.00E+01	1.90E+01	7.20E+01
TM	SF	L15295-02	6/10/2009	Sb-124	2.80E+00	4.70E+00	1.70E+01
TM	SF	L15295-02	6/10/2009	Sb-125	2.00E+00	4.90E+00	1.70E+01
TM	SF	L15295-02	6/10/2009	Se-75	1.50E+00	2.50E+00	8.60E+00
TM	SF	L15295-02	6/10/2009	Zn-65	-1.20E+01	5.80E+00	2.30E+01
TM	SF	L15295-02	6/10/2009	Zr-95	-1.80E+00	3.70E+00	1.40E+01
TM	LF	L15295-03	6/10/2009	AcTh-228	-1.50E+01	1.20E+01	4.60E+01
TM	LF	L15295-03	6/10/2009	Ag-108m	2.00E-01	2.10E+00	7.50E+00
TM	LF	L15295-03	6/10/2009	Ag-110m	-1.60E+00	4.00E+00	1.50E+01
TM	LF	L15295-03	6/10/2009	Ba-140	1.00E+00	3.70E+00	1.40E+01
TM	LF	L15295-03	6/10/2009	Be-7	-3.00E+00	2.00E+01	7.50E+01
TM	LF	L15295-03	6/10/2009	Ce-141	-4.20E+00	3.80E+00	1.40E+01
TM	LF	L15295-03	6/10/2009	Ce-144	-2.20E+01	1.40E+01	5.30E+01
TM	LF	L15295-03	6/10/2009	Co-57	-1.90E+00	1.80E+00	6.50E+00
TM	LF	L15295-03	6/10/2009	Co-58	-1.60E+00	2.40E+00	9.50E+00
TM	LF	L15295-03	6/10/2009	Co-60	3.30E+00	2.90E+00	9.90E+00
TM	LF	L15295-03	6/10/2009	Cr-51	2.80E+01	2.40E+01	8.00E+01
TM	LF	L15295-03	6/10/2009	Cs-134	-3.70E+00	1.80E+00	9.90E+00
TM	LF	L15295-03	6/10/2009	Cs-137	3.40E+00	2.80E+00	9.40E+00
TM	LF	L15295-03	6/10/2009	Fe-59	4.90E+00	4.80E+00	1.70E+01
TM	LF	L15295-03	6/10/2009	I-131	-8.50E-02	1.80E-02	9.50E-01
TM	LF	L15295-03	6/10/2009	K-40	1.52E+03	9.60E+01	1.20E+02 *
TM	LF	L15295-03	6/10/2009	La-140	1.00E+00	3.70E+00	1.40E+01
TM	LF	L15295-03	6/10/2009	Mn-54	1.20E+00	2.40E+00	8.50E+00
TM	LF	L15295-03	6/10/2009	Nb-95	-5.00E+00	3.00E+00	1.20E+01
TM	LF	L15295-03	6/10/2009	Ru-103	-3.00E-01	2.50E+00	9.20E+00
TM	LF	L15295-03	6/10/2009	Ru-106	1.30E+01	2.30E+01	8.00E+01
TM	LF	L15295-03	6/10/2009	Sb-124	1.50E+00	5.70E+00	2.20E+01
TM	LF	L15295-03	6/10/2009	Sb-125	-1.05E+01	7.10E+00	2.70E+01
TM	LF	L15295-03	6/10/2009	Se-75	5.70E+00	2.80E+00	8.80E+00
TM	LF	L15295-03	6/10/2009	Zn-65	-1.90E+00	6.50E+00	2.40E+01
TM	LF	L15295-03	6/10/2009	Zr-95	2.00E+00	3.50E+00	1.30E+01
TM	MR	L15355-01	6/24/2009	AcTh-228	1.05E+01	6.70E+00	2.20E+01
TM	MR	L15355-01	6/24/2009	Ag-108m	3.00E-01	1.20E+00	4.20E+00
TM	MR	L15355-01	6/24/2009	Ag-110m	1.00E+00	2.20E+00	7.80E+00
TM	MR	L15355-01	6/24/2009	Ba-140	-6.30E+00	3.00E+00	1.20E+01
TM	MR	L15355-01	6/24/2009	Be-7	0.00E+00	1.30E+01	4.70E+01
TM	MR	L15355-01	6/24/2009	Ce-141	3.70E+00	2.50E+00	8.20E+00
TM	MR	L15355-01	6/24/2009	Ce-144	7.80E+00	8.40E+00	2.80E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15355-01	6/24/2009	Co-57	-8.00E-01	1.10E+00	3.90E+00
TM	MR	L15355-01	6/24/2009	Co-58	-2.10E+00	1.70E+00	6.20E+00
TM	MR	L15355-01	6/24/2009	Co-60	6.00E-01	1.80E+00	6.20E+00
TM	MR	L15355-01	6/24/2009	Cr-51	-2.40E+01	1.30E+01	4.70E+01
TM	MR	L15355-01	6/24/2009	Cs-134	-1.40E+00	1.10E+00	5.20E+00
TM	MR	L15355-01	6/24/2009	Cs-137	4.00E+00	1.70E+00	5.30E+00
TM	MR	L15355-01	6/24/2009	Fe-59	-1.70E+00	3.60E+00	1.30E+01
TM	MR	L15355-01	6/24/2009	I-131	-2.27E-01	3.50E-02	8.70E-01
TM	MR	L15355-01	6/24/2009	K-40	1.96E+03	6.50E+01	7.40E+01 *
TM	MR	L15355-01	6/24/2009	La-140	-6.30E+00	3.00E+00	1.20E+01
TM	MR	L15355-01	6/24/2009	Mn-54	7.00E-01	1.60E+00	5.60E+00
TM	MR	L15355-01	6/24/2009	Nb-95	1.00E-01	1.90E+00	6.80E+00
TM	MR	L15355-01	6/24/2009	Ru-103	-2.20E+00	1.80E+00	6.50E+00
TM	MR	L15355-01	6/24/2009	Ru-106	-1.00E+00	1.50E+01	5.10E+01
TM	MR	L15355-01	6/24/2009	Sb-124	4.40E+00	3.80E+00	1.30E+01
TM	MR	L15355-01	6/24/2009	Sb-125	-5.40E+00	3.80E+00	1.40E+01
TM	MR	L15355-01	6/24/2009	Se-75	-2.70E+00	1.80E+00	6.50E+00
TM	MR	L15355-01	6/24/2009	Zn-65	7.00E-01	4.20E+00	1.50E+01
TM	MR	L15355-01	6/24/2009	Zr-95	1.80E+00	2.80E+00	9.60E+00
TM	SF	L15355-02	6/24/2009	AcTh-228	-5.60E+00	6.60E+00	2.40E+01
TM	SF	L15355-02	6/24/2009	Ag-108m	0.00E+00	1.10E+00	3.90E+00
TM	SF	L15355-02	6/24/2009	Ag-110m	-2.60E+00	2.00E+00	7.50E+00
TM	SF	L15355-02	6/24/2009	Ba-140	-4.40E+00	3.80E+00	1.50E+01
TM	SF	L15355-02	6/24/2009	Be-7	8.00E+00	1.20E+01	4.10E+01
TM	SF	L15355-02	6/24/2009	Ce-141	0.00E+00	2.10E+00	7.30E+00
TM	SF	L15355-02	6/24/2009	Ce-144	-3.40E+00	7.00E+00	2.40E+01
TM	SF	L15355-02	6/24/2009	Co-57	8.00E-02	9.10E-01	3.10E+00
TM	SF	L15355-02	6/24/2009	Co-58	-2.10E+00	1.80E+00	6.50E+00
TM	SF	L15355-02	6/24/2009	Co-60	8.00E-01	1.80E+00	6.30E+00
TM	SF	L15355-02	6/24/2009	Cr-51	8.00E+00	1.20E+01	3.90E+01
TM	SF	L15355-02	6/24/2009	Cs-134	-8.00E-01	1.10E+00	5.30E+00
TM	SF	L15355-02	6/24/2009	Cs-137	-6.00E-01	1.60E+00	5.60E+00
TM	SF	L15355-02	6/24/2009	Fe-59	1.10E+00	4.50E+00	1.60E+01
TM	SF	L15355-02	6/24/2009	I-131	-1.20E-01	1.50E-01	9.10E-01
TM	SF	L15355-02	6/24/2009	K-40	1.46E+03	5.90E+01	7.90E+01 *
TM	SF	L15355-02	6/24/2009	La-140	-4.40E+00	3.80E+00	1.50E+01
TM	SF	L15355-02	6/24/2009	Mn-54	0.00E+00	1.60E+00	5.60E+00
TM	SF	L15355-02	6/24/2009	Nb-95	-1.00E-01	1.80E+00	6.20E+00
TM	SF	L15355-02	6/24/2009	Ru-103	-2.40E+00	1.50E+00	5.60E+00
TM	SF	L15355-02	6/24/2009	Ru-106	7.00E+00	1.40E+01	4.70E+01
TM	SF	L15355-02	6/24/2009	Sb-124	-3.30E+00	4.40E+00	1.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
TM	SF	L15355-02	6/24/2009	Sb-125	2.00E+00	3.60E+00	1.20E+01
TM	SF	L15355-02	6/24/2009	Se-75	9.00E-01	1.50E+00	4.90E+00
TM	SF	L15355-02	6/24/2009	Zn-65	7.00E-01	4.40E+00	1.50E+01
TM	SF	L15355-02	6/24/2009	Zr-95	5.70E+00	2.80E+00	9.00E+00
TM	LF	L15355-03	6/24/2009	AcTh-228	-1.01E+01	6.90E+00	2.60E+01
TM	LF	L15355-03	6/24/2009	Ag-108m	1.00E-01	1.20E+00	4.20E+00
TM	LF	L15355-03	6/24/2009	Ag-110m	-2.10E+00	2.50E+00	9.00E+00
TM	LF	L15355-03	6/24/2009	Ba-140	-1.00E+00	3.80E+00	1.40E+01
TM	LF	L15355-03	6/24/2009	Be-7	-1.00E+00	1.30E+01	4.70E+01
TM	LF	L15355-03	6/24/2009	Ce-141	-2.80E+00	2.30E+00	7.90E+00
TM	LF	L15355-03	6/24/2009	Ce-144	-4.10E+00	7.40E+00	2.50E+01
TM	LF	L15355-03	6/24/2009	Co-57	4.40E-01	9.30E-01	3.20E+00
TM	LF	L15355-03	6/24/2009	Co-58	-1.90E+00	1.50E+00	5.70E+00
TM	LF	L15355-03	6/24/2009	Co-60	2.00E-01	1.70E+00	6.10E+00
TM	LF	L15355-03	6/24/2009	Cr-51	-8.00E+00	1.40E+01	4.90E+01
TM	LF	L15355-03	6/24/2009	Cs-134	-2.60E+00	1.00E+00	5.50E+00
TM	LF	L15355-03	6/24/2009	Cs-137	2.00E-01	1.60E+00	5.50E+00
TM	LF	L15355-03	6/24/2009	Fe-59	1.90E+00	3.90E+00	1.40E+01
TM	LF	L15355-03	6/24/2009	I-131	8.00E-02	2.00E-01	8.50E-01
TM	LF	L15355-03	6/24/2009	K-40	1.33E+03	5.80E+01	7.90E+01 *
TM	LF	L15355-03	6/24/2009	La-140	-1.00E+00	3.80E+00	1.40E+01
TM	LF	L15355-03	6/24/2009	Mn-54	9.00E-01	1.40E+00	5.00E+00
TM	LF	L15355-03	6/24/2009	Nb-95	-5.00E-01	2.00E+00	7.00E+00
TM	LF	L15355-03	6/24/2009	Ru-103	0.00E+00	1.70E+00	6.00E+00
TM	LF	L15355-03	6/24/2009	Ru-106	0.00E+00	1.50E+01	5.30E+01
TM	LF	L15355-03	6/24/2009	Sb-124	1.07E+01	4.00E+00	1.20E+01
TM	LF	L15355-03	6/24/2009	Sb-125	-3.00E-01	3.50E+00	1.20E+01
TM	LF	L15355-03	6/24/2009	Se-75	1.70E+00	1.60E+00	5.20E+00
TM	LF	L15355-03	6/24/2009	Zn-65	3.80E+00	4.10E+00	1.40E+01
TM	LF	L15355-03	6/24/2009	Zr-95	3.00E-01	2.80E+00	9.90E+00
TM	MR	L15407-01	7/8/2009	AcTh-228	7.00E+00	8.90E+00	3.10E+01
TM	MR	L15407-01	7/8/2009	Ag-108m	-4.00E-01	2.00E+00	7.10E+00
TM	MR	L15407-01	7/8/2009	Ag-110m	-5.10E+00	3.10E+00	1.20E+01
TM	MR	L15407-01	7/8/2009	Ba-140	0.00E+00	3.70E+00	1.40E+01
TM	MR	L15407-01	7/8/2009	Be-7	6.00E+00	2.00E+01	6.80E+01
TM	MR	L15407-01	7/8/2009	Ce-141	-5.40E+00	3.20E+00	1.20E+01
TM	MR	L15407-01	7/8/2009	Ce-144	1.00E+00	1.20E+01	4.20E+01
TM	MR	L15407-01	7/8/2009	Co-57	2.10E+00	1.60E+00	5.30E+00
TM	MR	L15407-01	7/8/2009	Co-58	1.40E+00	2.20E+00	7.60E+00
TM	MR	L15407-01	7/8/2009	Co-60	4.20E+00	2.20E+00	6.90E+00
TM	MR	L15407-01	7/8/2009	Cr-51	2.80E+01	1.80E+01	5.80E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15407-01	7/8/2009	Cs-134	-3.10E+00	1.60E+00	8.40E+00
TM	MR	L15407-01	7/8/2009	Cs-137	1.80E+00	2.40E+00	8.20E+00
TM	MR	L15407-01	7/8/2009	Fe-59	7.20E+00	5.10E+00	1.70E+01
TM	MR	L15407-01	7/8/2009	I-131	-1.00E-02	1.30E-01	7.70E-01
TM	MR	L15407-01	7/8/2009	K-40	1.91E+03	9.00E+01	1.10E+02 *
TM	MR	L15407-01	7/8/2009	La-140	0.00E+00	3.70E+00	1.40E+01
TM	MR	L15407-01	7/8/2009	Mn-54	-8.00E-01	2.00E+00	7.60E+00
TM	MR	L15407-01	7/8/2009	Nb-95	-5.70E+00	2.70E+00	1.10E+01
TM	MR	L15407-01	7/8/2009	Ru-103	6.00E-01	2.40E+00	8.30E+00
TM	MR	L15407-01	7/8/2009	Ru-106	4.00E+00	1.90E+01	6.70E+01
TM	MR	L15407-01	7/8/2009	Sb-124	0.00E+00	4.40E+00	1.70E+01
TM	MR	L15407-01	7/8/2009	Sb-125	2.10E+00	5.80E+00	2.00E+01
TM	MR	L15407-01	7/8/2009	Se-75	8.00E-01	2.30E+00	7.90E+00
TM	MR	L15407-01	7/8/2009	Zn-65	-7.30E+00	5.10E+00	2.00E+01
TM	MR	L15407-01	7/8/2009	Zr-95	-7.20E+00	4.10E+00	1.60E+01
TM	SF	L15407-02	7/8/2009	AcTh-228	-4.60E+00	8.70E+00	3.20E+01
TM	SF	L15407-02	7/8/2009	Ag-108m	-3.10E+00	1.70E+00	6.70E+00
TM	SF	L15407-02	7/8/2009	Ag-110m	-2.00E+00	3.00E+00	1.10E+01
TM	SF	L15407-02	7/8/2009	Ba-140	1.80E+00	3.90E+00	1.40E+01
TM	SF	L15407-02	7/8/2009	Be-7	3.20E+01	1.80E+01	6.00E+01
TM	SF	L15407-02	7/8/2009	Ce-141	-9.80E+00	3.60E+00	1.40E+01
TM	SF	L15407-02	7/8/2009	Ce-144	-3.00E+00	1.20E+01	4.10E+01
TM	SF	L15407-02	7/8/2009	Co-57	-7.00E-01	1.50E+00	5.20E+00
TM	SF	L15407-02	7/8/2009	Co-58	1.20E+00	2.20E+00	7.70E+00
TM	SF	L15407-02	7/8/2009	Co-60	-8.00E-01	2.30E+00	9.00E+00
TM	SF	L15407-02	7/8/2009	Cr-51	-1.30E+01	2.10E+01	7.40E+01
TM	SF	L15407-02	7/8/2009	Cs-134	1.80E+00	2.00E+00	8.30E+00
TM	SF	L15407-02	7/8/2009	Cs-137	-3.00E+00	2.00E+00	7.90E+00
TM	SF	L15407-02	7/8/2009	Fe-59	-3.80E+00	5.40E+00	2.10E+01
TM	SF	L15407-02	7/8/2009	I-131	9.00E-02	1.80E-01	7.90E-01
TM	SF	L15407-02	7/8/2009	K-40	1.63E+03	8.60E+01	1.20E+02 *
TM	SF	L15407-02	7/8/2009	La-140	1.80E+00	3.90E+00	1.40E+01
TM	SF	L15407-02	7/8/2009	Mn-54	3.60E+00	2.50E+00	8.20E+00
TM	SF	L15407-02	7/8/2009	Nb-95	-7.00E-01	2.60E+00	9.60E+00
TM	SF	L15407-02	7/8/2009	Ru-103	-4.10E+00	2.40E+00	9.40E+00
TM	SF	L15407-02	7/8/2009	Ru-106	-2.00E+00	1.90E+01	6.90E+01
TM	SF	L15407-02	7/8/2009	Sb-124	-3.30E+00	5.90E+00	2.30E+01
TM	SF	L15407-02	7/8/2009	Sb-125	-8.50E+00	5.30E+00	2.00E+01
TM	SF	L15407-02	7/8/2009	Se-75	-1.70E+00	2.50E+00	8.90E+00
TM	SF	L15407-02	7/8/2009	Zn-65	-7.10E+00	6.80E+00	2.70E+01
TM	SF	L15407-02	7/8/2009	Zr-95	-5.70E+00	3.70E+00	1.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15407-03	7/8/2009	AcTh-228	-4.10E+00	7.70E+00	2.90E+01
TM	LF	L15407-03	7/8/2009	Ag-108m	2.00E-01	1.70E+00	5.90E+00
TM	LF	L15407-03	7/8/2009	Ag-110m	2.80E+00	2.90E+00	1.00E+01
TM	LF	L15407-03	7/8/2009	Ba-140	1.20E+01	4.70E+00	1.40E+01
TM	LF	L15407-03	7/8/2009	Be-7	8.00E+00	1.80E+01	6.30E+01
TM	LF	L15407-03	7/8/2009	Ce-141	5.00E-01	3.20E+00	1.10E+01
TM	LF	L15407-03	7/8/2009	Ce-144	-2.30E+01	1.20E+01	4.20E+01
TM	LF	L15407-03	7/8/2009	Co-57	-7.00E-01	1.40E+00	5.00E+00
TM	LF	L15407-03	7/8/2009	Co-58	-1.10E+00	2.10E+00	7.80E+00
TM	LF	L15407-03	7/8/2009	Co-60	2.40E+00	2.30E+00	7.90E+00
TM	LF	L15407-03	7/8/2009	Cr-51	4.20E+01	1.80E+01	5.70E+01
TM	LF	L15407-03	7/8/2009	Cs-134	0.00E+00	1.40E+00	6.60E+00
TM	LF	L15407-03	7/8/2009	Cs-137	-1.70E+00	2.10E+00	7.80E+00
TM	LF	L15407-03	7/8/2009	Fe-59	-2.70E+00	4.90E+00	1.80E+01
TM	LF	L15407-03	7/8/2009	I-131	-1.00E-02	1.30E-01	7.70E-01
TM	LF	L15407-03	7/8/2009	K-40	1.40E+03	7.60E+01	1.10E+02 *
TM	LF	L15407-03	7/8/2009	La-140	1.20E+01	4.70E+00	1.40E+01
TM	LF	L15407-03	7/8/2009	Mn-54	-2.00E-01	2.00E+00	7.30E+00
TM	LF	L15407-03	7/8/2009	Nb-95	4.00E-01	2.20E+00	8.00E+00
TM	LF	L15407-03	7/8/2009	Ru-103	2.30E+00	2.20E+00	7.60E+00
TM	LF	L15407-03	7/8/2009	Ru-106	-4.00E+00	1.80E+01	6.60E+01
TM	LF	L15407-03	7/8/2009	Sb-124	-2.90E+00	4.60E+00	1.90E+01
TM	LF	L15407-03	7/8/2009	Sb-125	-3.20E+00	5.50E+00	2.00E+01
TM	LF	L15407-03	7/8/2009	Se-75	1.80E+00	2.00E+00	6.90E+00
TM	LF	L15407-03	7/8/2009	Zn-65	-1.35E+01	5.50E+00	2.20E+01
TM	LF	L15407-03	7/8/2009	Zr-95	-1.70E+00	3.60E+00	1.40E+01
TM	MR	L15465-01	7/22/2009	AcTh-228	-1.13E+01	9.60E+00	3.60E+01
TM	MR	L15465-01	7/22/2009	Ag-108m	1.70E+00	1.70E+00	5.70E+00
TM	MR	L15465-01	7/22/2009	Ag-110m	1.00E+00	3.10E+00	1.10E+01
TM	MR	L15465-01	7/22/2009	Ba-140	-3.20E+00	3.40E+00	1.50E+01
TM	MR	L15465-01	7/22/2009	Be-7	-3.00E+01	1.70E+01	6.60E+01
TM	MR	L15465-01	7/22/2009	Ce-141	-1.00E-01	2.50E+00	8.60E+00
TM	MR	L15465-01	7/22/2009	Ce-144	2.00E-01	8.90E+00	3.10E+01
TM	MR	L15465-01	7/22/2009	Co-57	2.00E-01	1.20E+00	4.00E+00
TM	MR	L15465-01	7/22/2009	Co-58	-1.20E+00	2.20E+00	8.30E+00
TM	MR	L15465-01	7/22/2009	Co-60	-2.80E+00	2.80E+00	1.10E+01
TM	MR	L15465-01	7/22/2009	Cr-51	-5.00E+00	1.70E+01	6.00E+01
TM	MR	L15465-01	7/22/2009	Cs-134	-2.10E+00	1.60E+00	8.00E+00
TM	MR	L15465-01	7/22/2009	Cs-137	-1.70E+00	2.30E+00	8.60E+00
TM	MR	L15465-01	7/22/2009	Fe-59	3.50E+00	5.80E+00	2.00E+01
TM	MR	L15465-01	7/22/2009	I-131	1.70E-01	2.30E-01	9.70E-01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)	
TM	MR	L15465-01	7/22/2009	K-40	1.86E+03	9.30E+01	1.20E+02	*
TM	MR	L15465-01	7/22/2009	La-140	-3.20E+00	3.40E+00	1.50E+01	
TM	MR	L15465-01	7/22/2009	Mn-54	-3.10E+00	2.20E+00	8.70E+00	
TM	MR	L15465-01	7/22/2009	Nb-95	3.00E-01	2.40E+00	8.50E+00	
TM	MR	L15465-01	7/22/2009	Ru-103	7.00E-01	2.30E+00	8.00E+00	
TM	MR	L15465-01	7/22/2009	Ru-106	2.10E+01	1.80E+01	6.20E+01	
TM	MR	L15465-01	7/22/2009	Sb-124	-7.80E+00	5.60E+00	2.40E+01	
TM	MR	L15465-01	7/22/2009	Sb-125	-5.00E-01	5.40E+00	1.90E+01	
TM	MR	L15465-01	7/22/2009	Se-75	-1.00E-01	2.20E+00	7.90E+00	
TM	MR	L15465-01	7/22/2009	Zn-65	-2.10E+00	5.50E+00	2.00E+01	
TM	MR	L15465-01	7/22/2009	Zr-95	3.20E+00	4.20E+00	1.50E+01	
TM	SF	L15465-02	7/22/2009	AcTh-228	-1.54E+01	6.00E+00	2.30E+01	
TM	SF	L15465-02	7/22/2009	Ag-108m	-6.00E-01	1.30E+00	4.50E+00	
TM	SF	L15465-02	7/22/2009	Ag-110m	-2.30E+00	2.20E+00	8.00E+00	
TM	SF	L15465-02	7/22/2009	Ba-140	-1.90E+00	4.00E+00	1.50E+01	
TM	SF	L15465-02	7/22/2009	Be-7	-7.00E+00	1.50E+01	5.20E+01	
TM	SF	L15465-02	7/22/2009	Ce-141	-1.90E+00	2.30E+00	7.90E+00	
TM	SF	L15465-02	7/22/2009	Ce-144	-1.61E+01	6.80E+00	2.50E+01	
TM	SF	L15465-02	7/22/2009	Co-57	-1.47E+00	9.20E-01	3.30E+00	
TM	SF	L15465-02	7/22/2009	Co-58	1.10E+00	1.60E+00	5.60E+00	
TM	SF	L15465-02	7/22/2009	Co-60	-2.00E-01	1.70E+00	6.10E+00	
TM	SF	L15465-02	7/22/2009	Cr-51	9.00E+00	1.30E+01	4.50E+01	
TM	SF	L15465-02	7/22/2009	Cs-134	1.50E+00	1.30E+00	6.10E+00	
TM	SF	L15465-02	7/22/2009	Cs-137	2.00E-01	1.70E+00	5.90E+00	
TM	SF	L15465-02	7/22/2009	Fe-59	5.00E+00	3.80E+00	1.30E+01	
TM	SF	L15465-02	7/22/2009	I-131	2.40E-01	2.40E-01	9.00E-01	
TM	SF	L15465-02	7/22/2009	K-40	1.74E+03	6.30E+01	8.50E+01	*
TM	SF	L15465-02	7/22/2009	La-140	-1.90E+00	4.00E+00	1.50E+01	
TM	SF	L15465-02	7/22/2009	Mn-54	-3.30E+00	1.40E+00	5.30E+00	
TM	SF	L15465-02	7/22/2009	Nb-95	2.70E+00	2.00E+00	6.60E+00	
TM	SF	L15465-02	7/22/2009	Ru-103	5.00E-01	1.70E+00	5.80E+00	
TM	SF	L15465-02	7/22/2009	Ru-106	-3.10E+01	1.60E+01	5.90E+01	
TM	SF	L15465-02	7/22/2009	Sb-124	-4.40E+00	3.80E+00	1.50E+01	
TM	SF	L15465-02	7/22/2009	Sb-125	-1.60E+00	3.90E+00	1.40E+01	
TM	SF	L15465-02	7/22/2009	Se-75	-1.80E+00	1.80E+00	6.40E+00	
TM	SF	L15465-02	7/22/2009	Zn-65	5.50E+00	4.00E+00	1.30E+01	
TM	SF	L15465-02	7/22/2009	Zr-95	-1.70E+00	3.20E+00	1.10E+01	
TM	LF	L15465-03	7/22/2009	AcTh-228	3.00E-01	5.80E+00	2.00E+01	
TM	LF	L15465-03	7/22/2009	Ag-108m	-2.00E-01	1.00E+00	3.50E+00	
TM	LF	L15465-03	7/22/2009	Ag-110m	7.00E-01	1.70E+00	5.80E+00	
TM	LF	L15465-03	7/22/2009	Ba-140	2.50E+00	4.00E+00	1.40E+01	

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15465-03	7/22/2009	Be-7	-1.10E+01	1.40E+01	4.70E+01
TM	LF	L15465-03	7/22/2009	Ce-141	-1.90E+00	2.20E+00	7.60E+00
TM	LF	L15465-03	7/22/2009	Ce-144	-1.20E+00	6.70E+00	2.30E+01
TM	LF	L15465-03	7/22/2009	Co-57	5.50E-01	7.50E-01	2.50E+00
TM	LF	L15465-03	7/22/2009	Co-58	2.90E+00	1.50E+00	4.70E+00
TM	LF	L15465-03	7/22/2009	Co-60	-3.00E+00	1.50E+00	5.60E+00
TM	LF	L15465-03	7/22/2009	Cr-51	-7.00E+00	1.30E+01	4.60E+01
TM	LF	L15465-03	7/22/2009	Cs-134	7.00E-01	8.90E-01	4.10E+00
TM	LF	L15465-03	7/22/2009	Cs-137	5.00E-01	1.20E+00	4.10E+00
TM	LF	L15465-03	7/22/2009	Fe-59	2.60E+00	3.50E+00	1.20E+01
TM	LF	L15465-03	7/22/2009	I-131	1.00E-02	1.60E-01	9.60E-01
TM	LF	L15465-03	7/22/2009	K-40	1.49E+03	4.80E+01	7.10E+01 *
TM	LF	L15465-03	7/22/2009	La-140	2.50E+00	4.00E+00	1.40E+01
TM	LF	L15465-03	7/22/2009	Mn-54	5.00E-01	1.20E+00	4.10E+00
TM	LF	L15465-03	7/22/2009	Nb-95	2.20E+00	1.70E+00	5.70E+00
TM	LF	L15465-03	7/22/2009	Ru-103	-3.90E+00	1.60E+00	5.70E+00
TM	LF	L15465-03	7/22/2009	Ru-106	1.00E+00	1.10E+01	3.90E+01
TM	LF	L15465-03	7/22/2009	Sb-124	-6.40E+00	3.00E+00	1.20E+01
TM	LF	L15465-03	7/22/2009	Sb-125	3.00E-01	3.20E+00	1.10E+01
TM	LF	L15465-03	7/22/2009	Se-75	-2.40E+00	1.40E+00	5.00E+00
TM	LF	L15465-03	7/22/2009	Zn-65	-2.30E+00	3.40E+00	1.20E+01
TM	LF	L15465-03	7/22/2009	Zr-95	-1.70E+00	2.70E+00	9.50E+00
TM	MR	L15519-01	8/5/2009	AcTh-228	3.30E+00	8.50E+00	3.00E+01
TM	MR	L15519-01	8/5/2009	Ag-108m	-2.00E+00	1.60E+00	6.10E+00
TM	MR	L15519-01	8/5/2009	Ag-110m	5.00E-01	2.90E+00	1.00E+01
TM	MR	L15519-01	8/5/2009	Ba-140	2.50E+00	3.60E+00	1.30E+01
TM	MR	L15519-01	8/5/2009	Be-7	1.10E+01	1.70E+01	5.80E+01
TM	MR	L15519-01	8/5/2009	Ce-141	2.70E+00	3.10E+00	1.00E+01
TM	MR	L15519-01	8/5/2009	Ce-144	-8.00E+00	1.10E+01	3.90E+01
TM	MR	L15519-01	8/5/2009	Co-57	-8.00E-01	1.40E+00	4.90E+00
TM	MR	L15519-01	8/5/2009	Co-58	-2.00E-01	2.20E+00	8.00E+00
TM	MR	L15519-01	8/5/2009	Co-60	-1.00E+00	2.30E+00	8.60E+00
TM	MR	L15519-01	8/5/2009	Cr-51	0.00E+00	1.70E+01	5.90E+01
TM	MR	L15519-01	8/5/2009	Cs-134	-2.80E+00	1.40E+00	7.10E+00
TM	MR	L15519-01	8/5/2009	Cs-137	2.80E+00	2.20E+00	7.40E+00
TM	MR	L15519-01	8/5/2009	Fe-59	-9.00E-01	4.40E+00	1.60E+01
TM	MR	L15519-01	8/5/2009	I-131	-6.00E-02	1.40E-01	9.40E-01
TM	MR	L15519-01	8/5/2009	K-40	2.03E+03	8.80E+01	1.10E+02 *
TM	MR	L15519-01	8/5/2009	La-140	2.50E+00	3.60E+00	1.30E+01
TM	MR	L15519-01	8/5/2009	Mn-54	5.00E-01	2.00E+00	7.00E+00
TM	MR	L15519-01	8/5/2009	Nb-95	-7.00E-01	2.30E+00	8.40E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15519-01	8/5/2009	Ru-103	-4.70E+00	2.20E+00	8.40E+00
TM	MR	L15519-01	8/5/2009	Ru-106	-4.00E+00	2.00E+01	7.10E+01
TM	MR	L15519-01	8/5/2009	Sb-124	-9.00E+00	4.20E+00	1.90E+01
TM	MR	L15519-01	8/5/2009	Sb-125	3.50E+00	5.40E+00	1.90E+01
TM	MR	L15519-01	8/5/2009	Se-75	-1.60E+00	2.20E+00	7.90E+00
TM	MR	L15519-01	8/5/2009	Zn-65	3.00E+00	5.30E+00	1.90E+01
TM	MR	L15519-01	8/5/2009	Zr-95	-4.20E+00	3.50E+00	1.30E+01
TM	SF	L15519-02	8/5/2009	AcTh-228	-1.40E+00	7.90E+00	2.80E+01
TM	SF	L15519-02	8/5/2009	Ag-108m	8.20E-01	9.30E-01	3.20E+00
TM	SF	L15519-02	8/5/2009	Ag-110m	3.00E-01	2.70E+00	9.60E+00
TM	SF	L15519-02	8/5/2009	Ba-140	-2.30E+00	3.70E+00	1.40E+01
TM	SF	L15519-02	8/5/2009	Be-7	9.00E+00	1.40E+01	4.90E+01
TM	SF	L15519-02	8/5/2009	Ce-141	3.40E+00	2.40E+00	8.00E+00
TM	SF	L15519-02	8/5/2009	Ce-144	-3.20E+00	7.90E+00	2.70E+01
TM	SF	L15519-02	8/5/2009	Co-57	-2.00E-01	1.00E+00	3.60E+00
TM	SF	L15519-02	8/5/2009	Co-58	2.60E+00	1.90E+00	6.50E+00
TM	SF	L15519-02	8/5/2009	Co-60	-1.20E+00	2.40E+00	8.80E+00
TM	SF	L15519-02	8/5/2009	Cr-51	-3.00E+00	1.20E+01	4.30E+01
TM	SF	L15519-02	8/5/2009	Cs-134	-2.10E+00	1.30E+00	6.50E+00
TM	SF	L15519-02	8/5/2009	Cs-137	3.90E+00	2.10E+00	6.90E+00
TM	SF	L15519-02	8/5/2009	Fe-59	-7.80E+00	4.90E+00	1.90E+01
TM	SF	L15519-02	8/5/2009	I-131	-2.00E-01	3.50E-02	8.70E-01
TM	SF	L15519-02	8/5/2009	K-40	1.57E+03	7.30E+01	9.10E+01 *
TM	SF	L15519-02	8/5/2009	La-140	-2.30E+00	3.70E+00	1.40E+01
TM	SF	L15519-02	8/5/2009	Mn-54	-4.00E-01	1.90E+00	6.80E+00
TM	SF	L15519-02	8/5/2009	Nb-95	-7.00E-01	1.70E+00	6.30E+00
TM	SF	L15519-02	8/5/2009	Ru-103	2.00E-01	1.60E+00	5.80E+00
TM	SF	L15519-02	8/5/2009	Ru-106	-4.40E+01	1.60E+01	6.30E+01
TM	SF	L15519-02	8/5/2009	Sb-124	6.00E-01	4.50E+00	1.70E+01
TM	SF	L15519-02	8/5/2009	Sb-125	8.20E+00	3.60E+00	1.10E+01
TM	SF	L15519-02	8/5/2009	Se-75	2.00E+00	1.70E+00	5.60E+00
TM	SF	L15519-02	8/5/2009	Zn-65	2.00E-01	5.20E+00	1.80E+01
TM	SF	L15519-02	8/5/2009	Zr-95	1.30E+00	2.80E+00	1.00E+01
TM	LF	L15519-03	8/5/2009	AcTh-228	6.10E+00	7.40E+00	2.50E+01
TM	LF	L15519-03	8/5/2009	Ag-108m	-6.00E-01	1.60E+00	5.80E+00
TM	LF	L15519-03	8/5/2009	Ag-110m	3.20E+00	2.40E+00	8.10E+00
TM	LF	L15519-03	8/5/2009	Ba-140	8.30E+00	3.40E+00	1.00E+01
TM	LF	L15519-03	8/5/2009	Be-7	-2.00E+01	1.60E+01	6.10E+01
TM	LF	L15519-03	8/5/2009	Ce-141	-6.10E+00	2.90E+00	1.10E+01
TM	LF	L15519-03	8/5/2009	Ce-144	-2.00E+00	1.10E+01	3.70E+01
TM	LF	L15519-03	8/5/2009	Co-57	-1.60E+00	1.30E+00	4.80E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15519-03	8/5/2009	Co-58	-1.50E+00	2.00E+00	7.50E+00
TM	LF	L15519-03	8/5/2009	Co-60	2.40E+00	2.20E+00	7.50E+00
TM	LF	L15519-03	8/5/2009	Cr-51	6.00E+00	1.70E+01	5.80E+01
TM	LF	L15519-03	8/5/2009	Cs-134	-1.90E+00	1.50E+00	8.10E+00
TM	LF	L15519-03	8/5/2009	Cs-137	2.90E+00	2.00E+00	6.50E+00
TM	LF	L15519-03	8/5/2009	Fe-59	3.20E+00	5.00E+00	1.70E+01
TM	LF	L15519-03	8/5/2009	I-131	-7.00E-02	1.20E-01	8.20E-01
TM	LF	L15519-03	8/5/2009	K-40	1.48E+03	7.60E+01	9.90E+01 *
TM	LF	L15519-03	8/5/2009	La-140	8.30E+00	3.40E+00	1.00E+01
TM	LF	L15519-03	8/5/2009	Mn-54	-1.90E+00	2.00E+00	7.70E+00
TM	LF	L15519-03	8/5/2009	Nb-95	4.00E+00	2.20E+00	7.30E+00
TM	LF	L15519-03	8/5/2009	Ru-103	-1.20E+00	2.20E+00	8.00E+00
TM	LF	L15519-03	8/5/2009	Ru-106	4.00E+00	1.80E+01	6.30E+01
TM	LF	L15519-03	8/5/2009	Sb-124	8.20E+00	4.20E+00	1.30E+01
TM	LF	L15519-03	8/5/2009	Sb-125	-7.90E+00	4.50E+00	1.80E+01
TM	LF	L15519-03	8/5/2009	Se-75	2.30E+00	2.20E+00	7.20E+00
TM	LF	L15519-03	8/5/2009	Zn-65	-1.00E+00	5.00E+00	1.80E+01
TM	LF	L15519-03	8/5/2009	Zr-95	3.10E+00	3.50E+00	1.20E+01
TM	MR	L15556-01	8/19/2009	AcTh-228	7.10E+00	8.00E+00	2.70E+01
TM	MR	L15556-01	8/19/2009	Ag-108m	5.00E-01	1.70E+00	5.90E+00
TM	MR	L15556-01	8/19/2009	Ag-110m	-2.00E+00	3.20E+00	1.20E+01
TM	MR	L15556-01	8/19/2009	Ba-140	1.30E+00	3.50E+00	1.30E+01
TM	MR	L15556-01	8/19/2009	Be-7	-1.40E+01	1.70E+01	6.30E+01
TM	MR	L15556-01	8/19/2009	Ce-141	2.20E+00	3.00E+00	1.00E+01
TM	MR	L15556-01	8/19/2009	Ce-144	-1.30E+01	1.10E+01	4.00E+01
TM	MR	L15556-01	8/19/2009	Co-57	-1.00E-01	1.50E+00	5.10E+00
TM	MR	L15556-01	8/19/2009	Co-58	-1.50E+00	2.10E+00	7.80E+00
TM	MR	L15556-01	8/19/2009	Co-60	-1.70E+00	2.50E+00	9.50E+00
TM	MR	L15556-01	8/19/2009	Cr-51	1.00E+00	1.70E+01	5.90E+01
TM	MR	L15556-01	8/19/2009	Cs-134	-2.40E+00	1.40E+00	7.30E+00
TM	MR	L15556-01	8/19/2009	Cs-137	-2.00E-01	2.10E+00	7.60E+00
TM	MR	L15556-01	8/19/2009	Fe-59	-5.10E+00	4.80E+00	1.80E+01
TM	MR	L15556-01	8/19/2009	I-131	5.00E-02	2.00E-01	9.60E-01
TM	MR	L15556-01	8/19/2009	K-40	1.93E+03	8.60E+01	1.00E+02 *
TM	MR	L15556-01	8/19/2009	La-140	1.30E+00	3.50E+00	1.30E+01
TM	MR	L15556-01	8/19/2009	Mn-54	1.90E+00	1.80E+00	6.30E+00
TM	MR	L15556-01	8/19/2009	Nb-95	6.00E-01	2.20E+00	7.80E+00
TM	MR	L15556-01	8/19/2009	Ru-103	2.40E+00	1.90E+00	6.20E+00
TM	MR	L15556-01	8/19/2009	Ru-106	-2.20E+01	1.70E+01	6.50E+01
TM	MR	L15556-01	8/19/2009	Sb-124	-5.50E+00	4.30E+00	1.80E+01
TM	MR	L15556-01	8/19/2009	Sb-125	-1.00E+00	5.40E+00	1.90E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15556-01	8/19/2009	Se-75	3.60E+00	2.20E+00	7.20E+00
TM	MR	L15556-01	8/19/2009	Zn-65	-1.80E+00	5.50E+00	2.00E+01
TM	MR	L15556-01	8/19/2009	Zr-95	4.90E+00	3.50E+00	1.20E+01
TM	SF	L15556-02	8/19/2009	AcTh-228	-5.30E+00	8.30E+00	3.10E+01
TM	SF	L15556-02	8/19/2009	Ag-108m	-1.50E+00	1.80E+00	6.50E+00
TM	SF	L15556-02	8/19/2009	Ag-110m	-4.50E+00	2.60E+00	1.00E+01
TM	SF	L15556-02	8/19/2009	Ba-140	-4.10E+00	2.30E+00	1.10E+01
TM	SF	L15556-02	8/19/2009	Be-7	-4.00E+00	1.50E+01	5.50E+01
TM	SF	L15556-02	8/19/2009	Ce-141	-1.05E+01	3.00E+00	1.20E+01
TM	SF	L15556-02	8/19/2009	Ce-144	-7.00E+00	1.10E+01	3.90E+01
TM	SF	L15556-02	8/19/2009	Co-57	-7.00E-01	1.30E+00	4.80E+00
TM	SF	L15556-02	8/19/2009	Co-58	3.20E+00	2.00E+00	6.60E+00
TM	SF	L15556-02	8/19/2009	Co-60	-3.60E+00	2.10E+00	8.90E+00
TM	SF	L15556-02	8/19/2009	Cr-51	-9.00E+00	1.80E+01	6.50E+01
TM	SF	L15556-02	8/19/2009	Cs-134	-1.00E-01	1.60E+00	8.00E+00
TM	SF	L15556-02	8/19/2009	Cs-137	1.20E+00	1.90E+00	6.60E+00
TM	SF	L15556-02	8/19/2009	Fe-59	3.00E-01	5.10E+00	1.90E+01
TM	SF	L15556-02	8/19/2009	I-131	2.00E-01	2.50E-01	9.90E-01
TM	SF	L15556-02	8/19/2009	K-40	1.47E+03	7.80E+01	1.00E+02 *
TM	SF	L15556-02	8/19/2009	La-140	-4.10E+00	2.30E+00	1.10E+01
TM	SF	L15556-02	8/19/2009	Mn-54	5.00E-01	2.10E+00	7.60E+00
TM	SF	L15556-02	8/19/2009	Nb-95	-1.00E-01	2.60E+00	9.30E+00
TM	SF	L15556-02	8/19/2009	Ru-103	-1.90E+00	2.30E+00	8.40E+00
TM	SF	L15556-02	8/19/2009	Ru-106	0.00E+00	1.80E+01	6.60E+01
TM	SF	L15556-02	8/19/2009	Sb-124	6.80E+00	4.20E+00	1.40E+01
TM	SF	L15556-02	8/19/2009	Sb-125	-3.10E+00	5.00E+00	1.80E+01
TM	SF	L15556-02	8/19/2009	Se-75	-8.00E-01	2.30E+00	8.20E+00
TM	SF	L15556-02	8/19/2009	Zn-65	-7.70E+00	5.20E+00	2.00E+01
TM	SF	L15556-02	8/19/2009	Zr-95	-3.70E+00	3.50E+00	1.40E+01
TM	LF	L15556-03	8/19/2009	AcTh-228	-9.60E+00	6.80E+00	2.60E+01
TM	LF	L15556-03	8/19/2009	Ag-108m	1.00E-01	1.30E+00	4.70E+00
TM	LF	L15556-03	8/19/2009	Ag-110m	6.00E-01	2.50E+00	8.80E+00
TM	LF	L15556-03	8/19/2009	Ba-140	-3.30E+00	2.70E+00	1.10E+01
TM	LF	L15556-03	8/19/2009	Be-7	-1.90E+01	1.40E+01	5.40E+01
TM	LF	L15556-03	8/19/2009	Ce-141	1.50E+00	2.50E+00	8.50E+00
TM	LF	L15556-03	8/19/2009	Ce-144	6.00E+00	1.00E+01	3.60E+01
TM	LF	L15556-03	8/19/2009	Co-57	4.00E-01	1.30E+00	4.40E+00
TM	LF	L15556-03	8/19/2009	Co-58	4.00E-01	1.70E+00	6.20E+00
TM	LF	L15556-03	8/19/2009	Co-60	-1.50E+00	2.00E+00	7.60E+00
TM	LF	L15556-03	8/19/2009	Cr-51	-9.00E+00	1.60E+01	5.80E+01
TM	LF	L15556-03	8/19/2009	Cs-134	-4.00E-01	1.30E+00	6.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15556-03	8/19/2009	Cs-137	-7.00E-01	1.70E+00	6.30E+00
TM	LF	L15556-03	8/19/2009	Fe-59	-3.60E+00	4.30E+00	1.60E+01
TM	LF	L15556-03	8/19/2009	I-131	-8.00E-02	1.40E-01	9.30E-01
TM	LF	L15556-03	8/19/2009	K-40	1.26E+03	6.80E+01	1.10E+02 *
TM	LF	L15556-03	8/19/2009	La-140	-3.30E+00	2.70E+00	1.10E+01
TM	LF	L15556-03	8/19/2009	Mn-54	-3.70E+00	1.80E+00	7.30E+00
TM	LF	L15556-03	8/19/2009	Nb-95	-1.30E+00	2.10E+00	7.60E+00
TM	LF	L15556-03	8/19/2009	Ru-103	1.90E+00	2.20E+00	7.40E+00
TM	LF	L15556-03	8/19/2009	Ru-106	-5.00E+00	1.80E+01	6.50E+01
TM	LF	L15556-03	8/19/2009	Sb-124	-3.90E+00	3.80E+00	1.60E+01
TM	LF	L15556-03	8/19/2009	Sb-125	8.00E-01	4.30E+00	1.50E+01
TM	LF	L15556-03	8/19/2009	Se-75	-6.00E-01	2.20E+00	7.60E+00
TM	LF	L15556-03	8/19/2009	Zn-65	3.30E+00	4.40E+00	1.50E+01
TM	LF	L15556-03	8/19/2009	Zr-95	-4.00E-01	3.20E+00	1.10E+01
TM	MR	L15618-01	9/2/2009	AcTh-228	-1.90E+00	8.80E+00	3.10E+01
TM	MR	L15618-01	9/2/2009	Ag-108m	7.00E-01	1.50E+00	5.20E+00
TM	MR	L15618-01	9/2/2009	Ag-110m	-2.00E-01	2.40E+00	8.80E+00
TM	MR	L15618-01	9/2/2009	Ba-140	-6.00E+00	3.30E+00	1.40E+01
TM	MR	L15618-01	9/2/2009	Be-7	1.00E+00	1.50E+01	5.40E+01
TM	MR	L15618-01	9/2/2009	Ce-141	-5.30E+00	2.70E+00	9.80E+00
TM	MR	L15618-01	9/2/2009	Ce-144	7.10E+00	9.90E+00	3.30E+01
TM	MR	L15618-01	9/2/2009	Co-57	-3.00E-01	1.10E+00	3.70E+00
TM	MR	L15618-01	9/2/2009	Co-58	-1.20E+00	2.00E+00	7.30E+00
TM	MR	L15618-01	9/2/2009	Co-60	-1.10E+00	2.00E+00	7.60E+00
TM	MR	L15618-01	9/2/2009	Cr-51	-1.00E+01	1.40E+01	5.00E+01
TM	MR	L15618-01	9/2/2009	Cs-134	-2.40E+00	1.30E+00	6.40E+00
TM	MR	L15618-01	9/2/2009	Cs-137	-2.90E+00	1.70E+00	6.70E+00
TM	MR	L15618-01	9/2/2009	Fe-59	-6.90E+00	4.70E+00	1.80E+01
TM	MR	L15618-01	9/2/2009	I-131	-9.50E-02	1.80E-02	8.60E-01
TM	MR	L15618-01	9/2/2009	K-40	2.12E+03	8.00E+01	8.90E+01 *
TM	MR	L15618-01	9/2/2009	La-140	-6.00E+00	3.30E+00	1.40E+01
TM	MR	L15618-01	9/2/2009	Mn-54	-8.00E-01	2.10E+00	7.40E+00
TM	MR	L15618-01	9/2/2009	Nb-95	-1.40E+00	2.10E+00	7.80E+00
TM	MR	L15618-01	9/2/2009	Ru-103	-2.00E-01	1.80E+00	6.40E+00
TM	MR	L15618-01	9/2/2009	Ru-106	-2.00E+00	1.70E+01	5.90E+01
TM	MR	L15618-01	9/2/2009	Sb-124	-2.30E+00	3.80E+00	1.50E+01
TM	MR	L15618-01	9/2/2009	Sb-125	-1.50E+00	4.50E+00	1.60E+01
TM	MR	L15618-01	9/2/2009	Se-75	2.70E+00	2.10E+00	6.90E+00
TM	MR	L15618-01	9/2/2009	Zn-65	-3.80E+00	4.70E+00	1.70E+01
TM	MR	L15618-01	9/2/2009	Zr-95	1.20E+00	3.40E+00	1.20E+01
TM	SF	L15618-02	9/2/2009	AcTh-228	8.10E+00	9.10E+00	3.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15618-02	9/2/2009	Ag-108m	2.80E+00	1.50E+00	4.80E+00
TM	SF	L15618-02	9/2/2009	Ag-110m	4.00E-01	2.60E+00	9.20E+00
TM	SF	L15618-02	9/2/2009	Ba-140	-5.30E+00	3.40E+00	1.50E+01
TM	SF	L15618-02	9/2/2009	Be-7	5.00E+00	1.50E+01	5.30E+01
TM	SF	L15618-02	9/2/2009	Ce-141	-5.40E+00	2.90E+00	1.10E+01
TM	SF	L15618-02	9/2/2009	Ce-144	-3.20E+00	8.00E+00	2.80E+01
TM	SF	L15618-02	9/2/2009	Co-57	6.00E-01	1.00E+00	3.50E+00
TM	SF	L15618-02	9/2/2009	Co-58	-1.80E+00	1.90E+00	7.40E+00
TM	SF	L15618-02	9/2/2009	Co-60	2.60E+00	2.60E+00	8.90E+00
TM	SF	L15618-02	9/2/2009	Cr-51	1.90E+01	1.50E+01	5.00E+01
TM	SF	L15618-02	9/2/2009	Cs-134	-8.00E-01	1.40E+00	6.40E+00
TM	SF	L15618-02	9/2/2009	Cs-137	2.50E+00	2.40E+00	8.00E+00
TM	SF	L15618-02	9/2/2009	Fe-59	-1.07E+01	4.40E+00	1.80E+01
TM	SF	L15618-02	9/2/2009	I-131	-1.23E-01	2.00E-02	9.10E-01
TM	SF	L15618-02	9/2/2009	K-40	1.25E+03	7.40E+01	1.20E+02 *
TM	SF	L15618-02	9/2/2009	La-140	-5.30E+00	3.40E+00	1.50E+01
TM	SF	L15618-02	9/2/2009	Mn-54	2.80E+00	1.80E+00	6.10E+00
TM	SF	L15618-02	9/2/2009	Nb-95	2.20E+00	2.40E+00	8.10E+00
TM	SF	L15618-02	9/2/2009	Ru-103	-6.10E+00	1.80E+00	7.50E+00
TM	SF	L15618-02	9/2/2009	Ru-106	-1.30E+01	1.70E+01	6.20E+01
TM	SF	L15618-02	9/2/2009	Sb-124	8.70E+00	4.60E+00	1.40E+01
TM	SF	L15618-02	9/2/2009	Sb-125	1.02E+01	4.70E+00	1.50E+01
TM	SF	L15618-02	9/2/2009	Se-75	1.90E+00	1.90E+00	6.50E+00
TM	SF	L15618-02	9/2/2009	Zn-65	-6.00E+00	5.70E+00	2.10E+01
TM	SF	L15618-02	9/2/2009	Zr-95	5.50E+00	3.60E+00	1.20E+01
TM	LF	L15618-03	9/2/2009	AcTh-228	3.00E-01	6.10E+00	2.50E+01
TM	LF	L15618-03	9/2/2009	Ag-108m	-6.00E-01	1.50E+00	5.20E+00
TM	LF	L15618-03	9/2/2009	Ag-110m	2.80E+00	2.00E+00	6.80E+00
TM	LF	L15618-03	9/2/2009	Ba-140	3.20E+00	2.70E+00	9.00E+00
TM	LF	L15618-03	9/2/2009	Be-7	1.00E+00	1.40E+01	4.90E+01
TM	LF	L15618-03	9/2/2009	Ce-141	1.00E-01	2.60E+00	9.00E+00
TM	LF	L15618-03	9/2/2009	Ce-144	-9.00E+00	9.00E+00	3.20E+01
TM	LF	L15618-03	9/2/2009	Co-57	1.30E+00	1.10E+00	3.60E+00
TM	LF	L15618-03	9/2/2009	Co-58	2.00E-01	1.90E+00	6.70E+00
TM	LF	L15618-03	9/2/2009	Co-60	-8.00E-01	1.80E+00	6.90E+00
TM	LF	L15618-03	9/2/2009	Cr-51	-1.00E+01	1.30E+01	4.70E+01
TM	LF	L15618-03	9/2/2009	Cs-134	-2.00E+00	1.20E+00	5.80E+00
TM	LF	L15618-03	9/2/2009	Cs-137	8.00E-01	1.70E+00	5.90E+00
TM	LF	L15618-03	9/2/2009	Fe-59	3.00E+00	4.10E+00	1.40E+01
TM	LF	L15618-03	9/2/2009	I-131	5.40E-01	3.30E-01	9.30E-01
TM	LF	L15618-03	9/2/2009	K-40	1.53E+03	6.70E+01	8.80E+01 *

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15618-03	9/2/2009	La-140	3.20E+00	2.70E+00	9.00E+00
TM	LF	L15618-03	9/2/2009	Mn-54	-1.30E+00	1.80E+00	6.50E+00
TM	LF	L15618-03	9/2/2009	Nb-95	1.00E-01	2.00E+00	7.10E+00
TM	LF	L15618-03	9/2/2009	Ru-103	-4.00E-01	1.80E+00	6.40E+00
TM	LF	L15618-03	9/2/2009	Ru-106	6.00E+00	1.40E+01	5.00E+01
TM	LF	L15618-03	9/2/2009	Sb-124	-1.00E+00	3.40E+00	1.30E+01
TM	LF	L15618-03	9/2/2009	Sb-125	7.00E-01	4.60E+00	1.60E+01
TM	LF	L15618-03	9/2/2009	Se-75	1.10E+00	2.00E+00	6.90E+00
TM	LF	L15618-03	9/2/2009	Zn-65	-4.00E+00	4.60E+00	1.70E+01
TM	LF	L15618-03	9/2/2009	Zr-95	-2.00E-01	3.40E+00	1.20E+01
TM	MR	L15665-01	9/16/2009	AcTh-228	-7.00E-01	7.80E+00	2.80E+01
TM	MR	L15665-01	9/16/2009	Ag-108m	7.00E-01	1.50E+00	5.10E+00
TM	MR	L15665-01	9/16/2009	Ag-110m	9.00E-01	2.60E+00	9.30E+00
TM	MR	L15665-01	9/16/2009	Ba-140	-1.20E+00	3.90E+00	1.50E+01
TM	MR	L15665-01	9/16/2009	Be-7	-1.30E+01	1.60E+01	5.60E+01
TM	MR	L15665-01	9/16/2009	Ce-141	-6.30E+00	2.20E+00	8.00E+00
TM	MR	L15665-01	9/16/2009	Ce-144	-1.60E+00	7.70E+00	2.70E+01
TM	MR	L15665-01	9/16/2009	Co-57	-4.50E-01	9.90E-01	3.50E+00
TM	MR	L15665-01	9/16/2009	Co-58	-4.00E-01	1.90E+00	6.90E+00
TM	MR	L15665-01	9/16/2009	Co-60	4.00E-01	2.50E+00	8.80E+00
TM	MR	L15665-01	9/16/2009	Cr-51	6.00E+00	1.40E+01	4.70E+01
TM	MR	L15665-01	9/16/2009	Cs-134	3.50E+00	1.30E+00	5.60E+00
TM	MR	L15665-01	9/16/2009	Cs-137	-1.10E+00	2.30E+00	8.10E+00
TM	MR	L15665-01	9/16/2009	Fe-59	1.20E+01	4.80E+00	1.50E+01
TM	MR	L15665-01	9/16/2009	I-131	2.70E-01	2.50E-01	9.20E-01
TM	MR	L15665-01	9/16/2009	K-40	1.77E+03	7.70E+01	9.70E+01 *
TM	MR	L15665-01	9/16/2009	La-140	-1.20E+00	3.90E+00	1.50E+01
TM	MR	L15665-01	9/16/2009	Mn-54	1.00E-01	1.80E+00	6.50E+00
TM	MR	L15665-01	9/16/2009	Nb-95	-2.00E-01	2.50E+00	8.70E+00
TM	MR	L15665-01	9/16/2009	Ru-103	-1.60E+00	1.80E+00	6.70E+00
TM	MR	L15665-01	9/16/2009	Ru-106	1.70E+01	1.50E+01	5.20E+01
TM	MR	L15665-01	9/16/2009	Sb-124	-1.60E+00	4.40E+00	1.70E+01
TM	MR	L15665-01	9/16/2009	Sb-125	5.20E+00	4.60E+00	1.50E+01
TM	MR	L15665-01	9/16/2009	Se-75	-1.30E+00	2.00E+00	7.20E+00
TM	MR	L15665-01	9/16/2009	Zn-65	-8.00E+00	5.00E+00	1.90E+01
TM	MR	L15665-01	9/16/2009	Zr-95	1.30E+00	3.20E+00	1.10E+01
TM	SF	L15665-02	9/16/2009	AcTh-228	5.00E-01	6.80E+00	2.40E+01
TM	SF	L15665-02	9/16/2009	Ag-108m	-2.00E+00	1.20E+00	4.50E+00
TM	SF	L15665-02	9/16/2009	Ag-110m	1.50E+00	2.20E+00	7.70E+00
TM	SF	L15665-02	9/16/2009	Ba-140	2.10E+00	3.60E+00	1.30E+01
TM	SF	L15665-02	9/16/2009	Be-7	-1.60E+01	1.30E+01	4.80E+01

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15665-02	9/16/2009	Ce-141	-1.00E+00	1.80E+00	6.20E+00
TM	SF	L15665-02	9/16/2009	Ce-144	3.30E+00	6.60E+00	2.20E+01
TM	SF	L15665-02	9/16/2009	Co-57	-6.70E-01	8.20E-01	2.90E+00
TM	SF	L15665-02	9/16/2009	Co-58	6.00E-01	1.70E+00	6.00E+00
TM	SF	L15665-02	9/16/2009	Co-60	-3.00E-01	1.90E+00	6.70E+00
TM	SF	L15665-02	9/16/2009	Cr-51	1.20E+01	1.40E+01	4.70E+01
TM	SF	L15665-02	9/16/2009	Cs-134	1.10E+00	1.10E+00	4.80E+00
TM	SF	L15665-02	9/16/2009	Cs-137	2.10E+00	2.40E+00	8.00E+00
TM	SF	L15665-02	9/16/2009	Fe-59	-4.50E+00	4.30E+00	1.60E+01
TM	SF	L15665-02	9/16/2009	I-131	-2.00E-02	1.60E-01	9.70E-01
TM	SF	L15665-02	9/16/2009	K-40	1.39E+03	5.90E+01	8.30E+01 *
TM	SF	L15665-02	9/16/2009	La-140	2.10E+00	3.60E+00	1.30E+01
TM	SF	L15665-02	9/16/2009	Mn-54	-2.30E+00	1.50E+00	5.60E+00
TM	SF	L15665-02	9/16/2009	Nb-95	-1.90E+00	2.00E+00	7.20E+00
TM	SF	L15665-02	9/16/2009	Ru-103	-9.00E-01	1.80E+00	6.30E+00
TM	SF	L15665-02	9/16/2009	Ru-106	2.10E+01	1.30E+01	4.20E+01
TM	SF	L15665-02	9/16/2009	Sb-124	-1.20E+00	4.00E+00	1.50E+01
TM	SF	L15665-02	9/16/2009	Sb-125	-3.10E+00	3.80E+00	1.40E+01
TM	SF	L15665-02	9/16/2009	Se-75	8.00E-01	1.60E+00	5.50E+00
TM	SF	L15665-02	9/16/2009	Zn-65	2.20E+00	3.80E+00	1.30E+01
TM	SF	L15665-02	9/16/2009	Zr-95	-1.50E+00	3.10E+00	1.10E+01
TM	LF	L15665-03	9/16/2009	AcTh-228	-6.50E+00	6.40E+00	2.30E+01
TM	LF	L15665-03	9/16/2009	Ag-108m	6.00E-01	1.20E+00	4.00E+00
TM	LF	L15665-03	9/16/2009	Ag-110m	-3.70E+00	2.00E+00	7.50E+00
TM	LF	L15665-03	9/16/2009	Ba-140	-4.50E+00	3.30E+00	1.30E+01
TM	LF	L15665-03	9/16/2009	Be-7	-8.00E+00	1.40E+01	4.80E+01
TM	LF	L15665-03	9/16/2009	Ce-141	-1.30E+00	2.20E+00	7.70E+00
TM	LF	L15665-03	9/16/2009	Ce-144	-6.90E+00	8.20E+00	2.80E+01
TM	LF	L15665-03	9/16/2009	Co-57	1.12E+00	8.90E-01	2.90E+00
TM	LF	L15665-03	9/16/2009	Co-58	4.00E-01	1.50E+00	5.20E+00
TM	LF	L15665-03	9/16/2009	Co-60	2.00E+00	1.60E+00	5.40E+00
TM	LF	L15665-03	9/16/2009	Cr-51	2.30E+01	1.30E+01	4.10E+01
TM	LF	L15665-03	9/16/2009	Cs-134	1.00E-01	1.10E+00	4.70E+00
TM	LF	L15665-03	9/16/2009	Cs-137	-2.00E-01	1.30E+00	4.70E+00
TM	LF	L15665-03	9/16/2009	Fe-59	6.90E+00	3.80E+00	1.20E+01
TM	LF	L15665-03	9/16/2009	I-131	-2.00E-02	1.50E-01	9.30E-01
TM	LF	L15665-03	9/16/2009	K-40	1.49E+03	5.50E+01	7.80E+01 *
TM	LF	L15665-03	9/16/2009	La-140	-4.50E+00	3.30E+00	1.30E+01
TM	LF	L15665-03	9/16/2009	Mn-54	6.00E-01	1.50E+00	5.20E+00
TM	LF	L15665-03	9/16/2009	Nb-95	-1.90E+00	1.90E+00	7.00E+00
TM	LF	L15665-03	9/16/2009	Ru-103	-1.60E+00	1.60E+00	5.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15665-03	9/16/2009	Ru-106	1.40E+01	1.30E+01	4.50E+01
TM	LF	L15665-03	9/16/2009	Sb-124	-9.00E-01	3.50E+00	1.30E+01
TM	LF	L15665-03	9/16/2009	Sb-125	2.30E+00	3.60E+00	1.20E+01
TM	LF	L15665-03	9/16/2009	Se-75	-9.00E-01	1.80E+00	6.10E+00
TM	LF	L15665-03	9/16/2009	Zn-65	6.00E-01	3.50E+00	1.20E+01
TM	LF	L15665-03	9/16/2009	Zr-95	-2.40E+00	3.20E+00	1.10E+01
TM	MR	L15727-01	9/30/2009	AcTh-228	-1.52E+01	8.70E+00	3.30E+01
TM	MR	L15727-01	9/30/2009	Ag-108m	1.70E+00	1.90E+00	6.30E+00
TM	MR	L15727-01	9/30/2009	Ag-110m	-7.70E+00	2.80E+00	1.20E+01
TM	MR	L15727-01	9/30/2009	Ba-140	-2.60E+00	3.80E+00	1.50E+01
TM	MR	L15727-01	9/30/2009	Be-7	3.00E+00	1.70E+01	6.10E+01
TM	MR	L15727-01	9/30/2009	Ce-141	-3.70E+00	3.20E+00	1.10E+01
TM	MR	L15727-01	9/30/2009	Ce-144	3.00E+00	1.20E+01	4.00E+01
TM	MR	L15727-01	9/30/2009	Co-57	-2.00E-01	1.30E+00	4.60E+00
TM	MR	L15727-01	9/30/2009	Co-58	6.00E-01	2.60E+00	9.30E+00
TM	MR	L15727-01	9/30/2009	Co-60	1.70E+00	2.30E+00	8.20E+00
TM	MR	L15727-01	9/30/2009	Cr-51	-1.00E+01	1.60E+01	5.70E+01
TM	MR	L15727-01	9/30/2009	Cs-134	-1.00E+00	1.60E+00	7.30E+00
TM	MR	L15727-01	9/30/2009	Cs-137	-9.00E-01	1.90E+00	7.10E+00
TM	MR	L15727-01	9/30/2009	Fe-59	1.70E+00	5.20E+00	1.80E+01
TM	MR	L15727-01	9/30/2009	I-131	3.20E-01	2.50E-01	8.30E-01
TM	MR	L15727-01	9/30/2009	K-40	2.04E+03	8.80E+01	1.00E+02 *
TM	MR	L15727-01	9/30/2009	La-140	-2.60E+00	3.80E+00	1.50E+01
TM	MR	L15727-01	9/30/2009	Mn-54	4.60E+00	2.10E+00	6.70E+00
TM	MR	L15727-01	9/30/2009	Nb-95	-2.20E+00	2.80E+00	1.00E+01
TM	MR	L15727-01	9/30/2009	Ru-103	-8.00E-01	2.20E+00	8.00E+00
TM	MR	L15727-01	9/30/2009	Ru-106	7.00E+00	2.00E+01	7.10E+01
TM	MR	L15727-01	9/30/2009	Sb-124	6.60E+00	4.90E+00	1.60E+01
TM	MR	L15727-01	9/30/2009	Sb-125	-9.00E-01	5.50E+00	1.90E+01
TM	MR	L15727-01	9/30/2009	Se-75	5.00E-01	2.60E+00	8.90E+00
TM	MR	L15727-01	9/30/2009	Zn-65	-8.70E+00	6.00E+00	2.30E+01
TM	MR	L15727-01	9/30/2009	Zr-95	8.00E-01	4.00E+00	1.40E+01
TM	SF	L15727-02	9/30/2009	AcTh-228	0.00E+00	1.40E+01	5.20E+01
TM	SF	L15727-02	9/30/2009	Ag-108m	-6.60E+00	2.30E+00	9.90E+00
TM	SF	L15727-02	9/30/2009	Ag-110m	2.40E+00	5.00E+00	1.80E+01
TM	SF	L15727-02	9/30/2009	Ba-140	7.80E+00	4.70E+00	1.40E+01
TM	SF	L15727-02	9/30/2009	Be-7	-3.00E+00	2.30E+01	8.70E+01
TM	SF	L15727-02	9/30/2009	Ce-141	-1.80E+00	4.10E+00	1.50E+01
TM	SF	L15727-02	9/30/2009	Ce-144	-1.40E+01	1.50E+01	5.50E+01
TM	SF	L15727-02	9/30/2009	Co-57	-5.00E-01	1.90E+00	6.90E+00
TM	SF	L15727-02	9/30/2009	Co-58	0.00E+00	2.90E+00	1.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
TM	SF	L15727-02	9/30/2009	Co-60	6.60E+00	4.10E+00	1.30E+01
TM	SF	L15727-02	9/30/2009	Cr-51	6.60E+01	2.60E+01	8.20E+01
TM	SF	L15727-02	9/30/2009	Cs-134	7.00E-01	2.10E+00	9.20E+00
TM	SF	L15727-02	9/30/2009	Cs-137	-1.40E+00	3.20E+00	1.20E+01
TM	SF	L15727-02	9/30/2009	Fe-59	-8.20E+00	7.00E+00	2.90E+01
TM	SF	L15727-02	9/30/2009	I-131	7.00E-02	2.00E-01	9.70E-01
TM	SF	L15727-02	9/30/2009	K-40	1.18E+03	1.10E+02	1.70E+02 *
TM	SF	L15727-02	9/30/2009	La-140	7.80E+00	4.70E+00	1.40E+01
TM	SF	L15727-02	9/30/2009	Mn-54	-2.50E+00	2.80E+00	1.10E+01
TM	SF	L15727-02	9/30/2009	Nb-95	4.50E+00	3.20E+00	1.10E+01
TM	SF	L15727-02	9/30/2009	Ru-103	-2.60E+00	3.00E+00	1.20E+01
TM	SF	L15727-02	9/30/2009	Ru-106	1.00E+01	2.80E+01	1.00E+02
TM	SF	L15727-02	9/30/2009	Sb-124	4.50E+00	7.80E+00	3.00E+01
TM	SF	L15727-02	9/30/2009	Sb-125	1.00E+00	7.90E+00	2.80E+01
TM	SF	L15727-02	9/30/2009	Se-75	-1.80E+00	3.20E+00	1.20E+01
TM	SF	L15727-02	9/30/2009	Zn-65	-8.40E+00	9.10E+00	3.60E+01
TM	SF	L15727-02	9/30/2009	Zr-95	-1.60E+00	5.30E+00	2.00E+01
TM	LF	L15727-03	9/30/2009	AcTh-228	2.00E+00	1.10E+01	4.10E+01
TM	LF	L15727-03	9/30/2009	Ag-108m	4.10E+00	2.20E+00	7.30E+00
TM	EF	L15727-03	9/30/2009	Ag-110m	5.10E+00	3.90E+00	1.30E+01
TM	LF	L15727-03	9/30/2009	Ba-140	1.40E+01	5.20E+00	1.40E+01
TM	LF	L15727-03	9/30/2009	Be-7	-4.30E+01	2.20E+01	8.90E+01
TM	LF	L15727-03	9/30/2009	Ce-141	-5.80E+00	3.20E+00	1.20E+01
TM	LF	L15727-03	9/30/2009	Ce-144	-1.00E+01	1.20E+01	4.30E+01
TM	LF	L15727-03	9/30/2009	Co-57	1.60E+00	1.50E+00	5.10E+00
TM	LF	L15727-03	9/30/2009	Co-58	2.10E+00	3.20E+00	1.10E+01
TM	LF	L15727-03	9/30/2009	Co-60	3.50E+00	3.50E+00	1.20E+01
TM	LF	L15727-03	9/30/2009	Cr-51	1.90E+01	2.20E+01	7.40E+01
TM	LF	L15727-03	9/30/2009	Cs-134	2.70E+00	1.80E+00	7.50E+00
TM	LF	L15727-03	9/30/2009	Cs-137	5.80E+00	2.80E+00	8.80E+00
TM	LF	L15727-03	9/30/2009	Fe-59	-5.20E+00	7.70E+00	2.90E+01
TM	LF	L15727-03	9/30/2009	I-131	6.00E-02	2.00E-01	9.80E-01
TM	LF	L15727-03	9/30/2009	K-40	1.45E+03	1.10E+02	1.70E+02 *
TM	LF	L15727-03	9/30/2009	La-140	1.40E+01	5.20E+00	1.40E+01
TM	LF	L15727-03	9/30/2009	Mn-54	-9.00E-01	2.90E+00	1.10E+01
TM	LF	L15727-03	9/30/2009	Nb-95	-6.90E+00	4.10E+00	1.60E+01
TM	LF	L15727-03	9/30/2009	Ru-103	2.00E+00	2.70E+00	9.20E+00
TM	LF	L15727-03	9/30/2009	Ru-106	-3.30E+01	2.40E+01	9.50E+01
TM	LF	L15727-03	9/30/2009	Sb-124	3.40E+00	7.90E+00	3.00E+01
TM	LF	L15727-03	9/30/2009	Sb-125	-2.30E+00	7.00E+00	2.50E+01
TM	LF	L15727-03	9/30/2009	Se-75	3.10E+00	2.90E+00	9.70E+00

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15727-03	9/30/2009	Zn-65	0.00E+00	8.20E+00	3.00E+01
TM	LF	L15727-03	9/30/2009	Zr-95	3.20E+00	5.70E+00	2.00E+01
TM	MR	L15777-01	10/14/2009	AcTh-228	-6.70E+00	7.70E+00	2.80E+01
TM	MR	L15777-01	10/14/2009	Ag-108m	-1.30E+00	1.50E+00	5.50E+00
TM	MR	L15777-01	10/14/2009	Ag-110m	2.00E-01	2.40E+00	8.70E+00
TM	MR	L15777-01	10/14/2009	Ba-140	-5.40E+00	3.40E+00	1.40E+01
TM	MR	L15777-01	10/14/2009	Be-7	-1.70E+01	1.60E+01	5.80E+01
TM	MR	L15777-01	10/14/2009	Ce-141	-4.40E+00	2.60E+00	9.10E+00
TM	MR	L15777-01	10/14/2009	Ce-144	-5.00E-01	9.80E+00	3.30E+01
TM	MR	L15777-01	10/14/2009	Co-57	1.90E+00	1.10E+00	3.60E+00
TM	MR	L15777-01	10/14/2009	Co-58	-1.00E-01	1.90E+00	6.60E+00
TM	MR	L15777-01	10/14/2009	Co-60	1.30E+00	2.20E+00	7.60E+00
TM	MR	L15777-01	10/14/2009	Cr-51	-6.00E+00	1.40E+01	5.00E+01
TM	MR	L15777-01	10/14/2009	Cs-134	0.00E+00	1.30E+00	6.00E+00
TM	MR	L15777-01	10/14/2009	Cs-137	2.00E+00	1.90E+00	6.40E+00
TM	MR	L15777-01	10/14/2009	Fe-59	5.20E+00	4.70E+00	1.60E+01
TM	MR	L15777-01	10/14/2009	I-131	-1.48E-01	3.00E-02	9.30E-01
TM	MR	L15777-01	10/14/2009	K-40	1.96E+03	7.60E+01	9.60E+01 *
TM	MR	L15777-01	10/14/2009	La-140	-5.40E+00	3.40E+00	1.40E+01
TM	MR	L15777-01	10/14/2009	Mn-54	-5.00E-01	1.90E+00	6.80E+00
TM	MR	L15777-01	10/14/2009	Nb-95	2.90E+00	2.20E+00	7.40E+00
TM	MR	L15777-01	10/14/2009	Ru-103	-4.00E+00	1.90E+00	7.10E+00
TM	MR	L15777-01	10/14/2009	Ru-106	1.40E+01	1.50E+01	5.20E+01
TM	MR	L15777-01	10/14/2009	Sb-124	-4.70E+00	3.80E+00	1.60E+01
TM	MR	L15777-01	10/14/2009	Sb-125	0.00E+00	4.70E+00	1.60E+01
TM	MR	L15777-01	10/14/2009	Se-75	1.00E+00	2.20E+00	7.50E+00
TM	MR	L15777-01	10/14/2009	Zn-65	-6.20E+00	4.50E+00	1.70E+01
TM	MR	L15777-01	10/14/2009	Zr-95	2.10E+00	3.20E+00	1.10E+01
TM	SF	L15777-02	10/14/2009	AcTh-228	-1.19E+01	8.30E+00	3.10E+01
TM	SF	L15777-02	10/14/2009	Ag-108m	-5.00E-01	1.50E+00	5.20E+00
TM	SF	L15777-02	10/14/2009	Ag-110m	-1.90E+00	2.50E+00	9.40E+00
TM	SF	L15777-02	10/14/2009	Ba-140	2.40E+00	3.80E+00	1.30E+01
TM	SF	L15777-02	10/14/2009	Be-7	-2.40E+01	1.50E+01	5.60E+01
TM	SF	L15777-02	10/14/2009	Ce-141	2.30E+00	1.60E+00	5.20E+00
TM	SF	L15777-02	10/14/2009	Ce-144	-7.10E+00	7.50E+00	2.70E+01
TM	SF	L15777-02	10/14/2009	Co-57	2.60E-01	9.50E-01	3.20E+00
TM	SF	L15777-02	10/14/2009	Co-58	0.00E+00	1.90E+00	6.80E+00
TM	SF	L15777-02	10/14/2009	Co-60	2.80E+00	2.10E+00	7.10E+00
TM	SF	L15777-02	10/14/2009	Cr-51	1.30E+01	1.40E+01	4.60E+01
TM	SF	L15777-02	10/14/2009	Cs-134	1.20E+00	1.30E+00	5.40E+00
TM	SF	L15777-02	10/14/2009	Cs-137	-2.00E+00	2.20E+00	8.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15777-02	10/14/2009	Fe-59	-2.10E+00	3.80E+00	1.50E+01
TM	SF	L15777-02	10/14/2009	I-131	1.00E-02	1.50E-01	8.70E-01
TM	SF	L15777-02	10/14/2009	K-40	1.42E+03	7.30E+01	1.10E+02 *
TM	SF	L15777-02	10/14/2009	La-140	2.40E+00	3.80E+00	1.30E+01
TM	SF	L15777-02	10/14/2009	Mn-54	1.70E+00	1.70E+00	5.70E+00
TM	SF	L15777-02	10/14/2009	Nb-95	-1.00E+00	2.30E+00	8.50E+00
TM	SF	L15777-02	10/14/2009	Ru-103	-3.00E-01	1.90E+00	6.60E+00
TM	SF	L15777-02	10/14/2009	Ru-106	-2.00E+00	1.50E+01	5.40E+01
TM	SF	L15777-02	10/14/2009	Sb-124	4.20E+00	4.10E+00	1.40E+01
TM	SF	L15777-02	10/14/2009	Sb-125	3.90E+00	4.50E+00	1.50E+01
TM	SF	L15777-02	10/14/2009	Se-75	-4.00E-01	1.80E+00	6.30E+00
TM	SF	L15777-02	10/14/2009	Zn-65	-3.70E+00	4.70E+00	1.80E+01
TM	SF	L15777-02	10/14/2009	Zr-95	6.30E+00	3.60E+00	1.20E+01
TM	LF	L15777-03	10/14/2009	AcTh-228	-8.00E-01	6.80E+00	2.40E+01
TM	LF	L15777-03	10/14/2009	Ag-108m	-3.00E-01	1.50E+00	5.40E+00
TM	LF	L15777-03	10/14/2009	Ag-110m	-2.40E+00	2.50E+00	9.10E+00
TM	LF	L15777-03	10/14/2009	Ba-140	-1.20E+00	3.40E+00	1.20E+01
TM	LF	L15777-03	10/14/2009	Be-7	-1.90E+01	1.50E+01	5.30E+01
TM	LF	L15777-03	10/14/2009	Ce-141	-3.00E-01	3.00E+00	1.00E+01
TM	LF	L15777-03	10/14/2009	Ce-144	1.20E+01	1.00E+01	3.40E+01
TM	LF	L15777-03	10/14/2009	Co-57	-7.00E-01	1.40E+00	4.70E+00
TM	LF	L15777-03	10/14/2009	Co-58	-2.30E+00	1.70E+00	6.30E+00
TM	LF	L15777-03	10/14/2009	Co-60	1.40E+00	1.90E+00	6.50E+00
TM	LF	L15777-03	10/14/2009	Cr-51	4.00E+00	1.50E+01	5.20E+01
TM	LF	L15777-03	10/14/2009	Cs-134	-1.10E+00	1.70E+00	6.30E+00
TM	LF	L15777-03	10/14/2009	Cs-137	1.10E+00	3.10E+00	1.00E+01
TM	LF	L15777-03	10/14/2009	Fe-59	-9.40E+00	3.70E+00	1.40E+01
TM	LF	L15777-03	10/14/2009	I-131	4.30E-01	2.90E-01	8.60E-01
TM	LF	L15777-03	10/14/2009	K-40	1.28E+03	5.50E+01	8.40E+01 *
TM	LF	L15777-03	10/14/2009	La-140	-1.20E+00	3.40E+00	1.20E+01
TM	LF	L15777-03	10/14/2009	Mn-54	3.00E-01	1.70E+00	6.00E+00
TM	LF	L15777-03	10/14/2009	Nb-95	-7.90E+00	2.90E+00	1.10E+01
TM	LF	L15777-03	10/14/2009	Ru-103	-2.70E+00	1.90E+00	6.70E+00
TM	LF	L15777-03	10/14/2009	Ru-106	2.60E+01	1.50E+01	5.00E+01
TM	LF	L15777-03	10/14/2009	Sb-124	0.00E+00	4.00E+00	1.40E+01
TM	LF	L15777-03	10/14/2009	Sb-125	-2.00E-01	4.90E+00	1.70E+01
TM	LF	L15777-03	10/14/2009	Se-75	2.50E+00	2.00E+00	6.80E+00
TM	LF	L15777-03	10/14/2009	Zn-65	1.05E+01	8.60E+00	2.90E+01
TM	LF	L15777-03	10/14/2009	Zr-95	-3.00E-01	2.90E+00	1.00E+01
TM	MR	L15841-01	10/28/2009	AcTh-228	1.45E+01	7.00E+00	2.20E+01
TM	MR	L15841-01	10/28/2009	Ag-108m	-1.00E-01	1.40E+00	5.00E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15841-01	10/28/2009	Ag-110m	2.30E+00	2.40E+00	8.30E+00
TM	MR	L15841-01	10/28/2009	Ba-140	-6.00E-01	3.80E+00	1.40E+01
TM	MR	L15841-01	10/28/2009	Be-7	-1.60E+01	1.50E+01	5.60E+01
TM	MR	L15841-01	10/28/2009	Ce-141	-4.70E+00	2.90E+00	1.00E+01
TM	MR	L15841-01	10/28/2009	Ce-144	-1.20E+00	9.70E+00	3.30E+01
TM	MR	L15841-01	10/28/2009	Co-57	-2.00E+00	1.30E+00	4.50E+00
TM	MR	L15841-01	10/28/2009	Co-58	-3.50E+00	1.80E+00	7.10E+00
TM	MR	L15841-01	10/28/2009	Co-60	-2.30E+00	2.00E+00	7.60E+00
TM	MR	L15841-01	10/28/2009	Cr-51	3.00E+00	1.60E+01	5.60E+01
TM	MR	L15841-01	10/28/2009	Cs-134	-3.00E-01	1.30E+00	5.80E+00
TM	MR	L15841-01	10/28/2009	Cs-137	4.20E+00	1.90E+00	6.10E+00
TM	MR	L15841-01	10/28/2009	Fe-59	6.50E+00	4.50E+00	1.50E+01
TM	MR	L15841-01	10/28/2009	I-131	-1.30E-01	2.20E-01	9.80E-01
TM	MR	L15841-01	10/28/2009	K-40	1.95E+03	7.50E+01	8.90E+01 *
TM	MR	L15841-01	10/28/2009	La-140	-6.00E-01	3.80E+00	1.40E+01
TM	MR	L15841-01	10/28/2009	Mn-54	-1.60E+00	1.90E+00	6.80E+00
FM	MR	L15841-01	10/28/2009	Nb-95	-2.00E+00	2.30E+00	8.40E+00
TM	MR	L15841-01	10/28/2009	Ru-103	-2.40E+00	2.00E+00	7.20E+00
TM	MR	L15841-01	10/28/2009	Ru-106	6.00E+00	1.60E+01	5.50E+01
TM	MR	L15841-01	10/28/2009	Sb-124	4.20E+00	3.20E+00	1.10E+01
TM	MR	L15841-01	10/28/2009	Sb-125	3.10E+00	4.70E+00	1.60E+01
TM	MR	L15841-01	10/28/2009	Se-75	-3.60E+00	2.10E+00	7.70E+00
TM	MR	L15841-01	10/28/2009	Zn-65	1.80E+00	4.20E+00	1.50E+01
TM	MR	L15841-01	10/28/2009	Zr-95	5.00E+00	3.40E+00	1.10E+01
TM	SF	L15841-02	10/28/2009	AcTh-228	5.20E+00	7.10E+00	2.40E+01
TM	SF	L15841-02	10/28/2009	Ag-108m	-2.40E+00	1.30E+00	4.80E+00
TM	SF	L15841-02	10/28/2009	Ag-110m	2.00E+00	2.30E+00	8.00E+00
TM	SF	L15841-02	10/28/2009	Ba-140	-4.00E-01	3.90E+00	1.50E+01
TM	SF	L15841-02	10/28/2009	Be-7	6.00E+00	1.40E+01	4.70E+01
TM	SF	L15841-02	10/28/2009	Ce-141	3.00E-01	2.40E+00	8.10E+00
TM	SF	L15841-02	10/28/2009	Ce-144	-4.70E+00	7.70E+00	2.70E+01
TM	SF	L15841-02	10/28/2009	Co-57	-1.29E+00	8.60E-01	3.10E+00
TM	SF	L15841-02	10/28/2009	Co-58	-3.10E+00	1.70E+00	6.50E+00
TM	SF	L15841-02	10/28/2009	Co-60	-5.00E-01	2.10E+00	7.80E+00
TM	SF	L15841-02	10/28/2009	Cr-51	-7.00E+00	1.30E+01	4.50E+01
TM	SF	L15841-02	10/28/2009	Cs-134	5.00E-01	1.50E+00	6.30E+00
TM	SF	L15841-02	10/28/2009	Cs-137	2.00E+00	1.90E+00	6.40E+00
TM	SF	L15841-02	10/28/2009	Fe-59	4.10E+00	4.80E+00	1.60E+01
TM	SF	L15841-02	10/28/2009	I-131	2.60E-01	2.80E-01	9.90E-01
TM	SF	L15841-02	10/28/2009	K-40	1.40E+03	6.70E+01	9.90E+01 *
TM	SF	L15841-02	10/28/2009	La-140	-4.00E-01	3.90E+00	1.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15841-02	10/28/2009	Mn-54	-1.30E+00	1.70E+00	6.20E+00
TM	SF	L15841-02	10/28/2009	Nb-95	-4.00E-01	1.90E+00	7.00E+00
TM	SF	L15841-02	10/28/2009	Ru-103	-2.10E+00	1.80E+00	6.60E+00
TM	SF	L15841-02	10/28/2009	Ru-106	2.00E+00	1.60E+01	5.60E+01
TM	SF	L15841-02	10/28/2009	Sb-124	4.20E+00	4.60E+00	1.60E+01
TM	SF	L15841-02	10/28/2009	Sb-125	3.80E+00	4.00E+00	1.60E+01
TM	SF	L15841-02	10/28/2009	Se-75	1.30E+00	1.60E+00	5.60E+00
TM	SF	L15841-02	10/28/2009	Zn-65	-5.50E+00	5.10E+00	1.90E+01
TM	SF	L15841-02	10/28/2009	Zr-95	1.30E+00	2.90E+00	1.00E+01
TM	LF	L15841-03	10/28/2009	AcTh-228	1.00E-01	6.40E+00	2.30E+01
TM	LF	L15841-03	10/28/2009	Ag-108m	-1.70E+00	1.30E+00	4.80E+00
TM	LF	L15841-03	10/28/2009	Ag-110m	-3.30E+00	2.70E+00	1.00E+01
TM	LF	L15841-03	10/28/2009	Ba-140	-2.10E+00	3.70E+00	1.50E+01
TM	LF	L15841-03	10/28/2009	Be-7	-1.00E+01	1.40E+01	5.00E+01
TM	LF	L15841-03	10/28/2009	Ce-141	-1.50E+00	2.40E+00	8.50E+00
TM	LF	L15841-03	10/28/2009	Ce-144	6.20E+00	7.00E+00	2.40E+01
TM	LF	L15841-03	10/28/2009	Co-57	-8.60E-01	9.00E-01	3.20E+00
TM	LF	L15841-03	10/28/2009	Co-58	2.00E-01	1.90E+00	6.80E+00
TM	LF	L15841-03	10/28/2009	Co-60	9.00E-01	1.70E+00	6.20E+00
TM	LF	L15841-03	10/28/2009	Cr-51	4.00E+00	1.40E+01	4.90E+01
TM	LF	L15841-03	10/28/2009	Cs-134	1.30E+00	1.60E+00	6.50E+00
TM	LF	L15841-03	10/28/2009	Cs-137	-3.70E+00	1.90E+00	7.30E+00
TM	LF	L15841-03	10/28/2009	Fe-59	-3.50E+00	4.70E+00	1.70E+01
TM	LF	L15841-03	10/28/2009	I-131	-3.00E-01	1.80E-01	1.00E+00
TM	LF	L15841-03	10/28/2009	K-40	1.40E+03	6.70E+01	8.50E+01 *
TM	LF	L15841-03	10/28/2009	La-140	-2.10E+00	3.70E+00	1.50E+01
TM	LF	L15841-03	10/28/2009	Mn-54	-8.00E-01	1.50E+00	5.70E+00
TM	LF	L15841-03	10/28/2009	Nb-95	-1.00E-01	2.10E+00	7.60E+00
TM	LF	L15841-03	10/28/2009	Ru-103	-1.90E+00	1.70E+00	6.50E+00
TM	LF	L15841-03	10/28/2009	Ru-106	-6.00E+00	1.60E+01	5.60E+01
TM	LF	L15841-03	10/28/2009	Sb-124	8.00E-01	4.20E+00	1.60E+01
TM	LF	L15841-03	10/28/2009	Sb-125	-2.40E+00	4.40E+00	1.60E+01
TM	LF	L15841-03	10/28/2009	Se-75	3.30E+00	1.70E+00	5.40E+00
TM	LF	L15841-03	10/28/2009	Zn-65	-5.70E+00	4.20E+00	1.60E+01
TM	LF	L15841-03	10/28/2009	Zr-95	-3.10E+00	3.10E+00	1.20E+01
TM	MR	L15894-01	11/11/2009	AcTh-228	-5.20E+00	7.20E+00	2.70E+01
TM	MR	L15894-01	11/11/2009	Ag-108m	0.00E+00	1.50E+00	5.30E+00
TM	MR	L15894-01	11/11/2009	Ag-110m	-2.20E+00	2.80E+00	1.00E+01
TM	MR	L15894-01	11/11/2009	Ba-140	-5.00E+00	3.50E+00	1.40E+01
TM	MR	L15894-01	11/11/2009	Be-7	-2.20E+01	1.30E+01	4.90E+01
TM	MR	L15894-01	11/11/2009	Ce-141	-4.00E+00	2.30E+00	8.20E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15894-01	11/11/2009	Ce-144	-5.70E+00	8.10E+00	2.80E+01
TM	MR	L15894-01	11/11/2009	Co-57	1.16E+00	8.40E-01	2.80E+00
TM	MR	L15894-01	11/11/2009	Co-58	-1.30E+00	1.80E+00	6.60E+00
TM	MR	L15894-01	11/11/2009	Co-60	4.30E+00	2.20E+00	7.20E+00
TM	MR	L15894-01	11/11/2009	Cr-51	2.00E+00	1.30E+01	4.40E+01
TM	MR	L15894-01	11/11/2009	Cs-134	3.00E-01	1.40E+00	6.60E+00
TM	MR	L15894-01	11/11/2009	Cs-137	-3.20E+00	1.90E+00	7.30E+00
TM	MR	L15894-01	11/11/2009	Fe-59	2.70E+00	4.60E+00	1.60E+01
TM	MR	L15894-01	11/11/2009	I-131	-1.41E-01	2.10E-02	9.60E-01
TM	MR	L15894-01	11/11/2009	K-40	1.83E+03	7.80E+01	9.40E+01 *
TM	MR	L15894-01	11/11/2009	La-140	-5.00E+00	3.50E+00	1.40E+01
TM	MR	L15894-01	11/11/2009	Mn-54	1.50E+00	1.80E+00	6.10E+00
TM	MR	L15894-01	11/11/2009	Nb-95	-4.50E+00	2.00E+00	7.80E+00
TM	MR	L15894-01	11/11/2009	Ru-103	-2.00E-01	1.50E+00	5.50E+00
TM	MR	L15894-01	11/11/2009	Ru-106	-1.00E+01	1.70E+01	6.30E+01
TM	MR	L15894-01	11/11/2009	Sb-124	1.00E+00	4.20E+00	1.60E+01
TM	MR	L15894-01	11/11/2009	Sb-125	-4.00E-01	4.40E+00	1.60E+01
TM	MR	L15894-01	11/11/2009	Se-75	1.20E+00	1.70E+00	5.90E+00
TM	MR	L15894-01	11/11/2009	Zn-65	-6.80E+00	5.30E+00	2.00E+01
TM	MR	L15894-01	11/11/2009	Zr-95	-3.00E-01	3.10E+00	1.10E+01
TM	SF	L15894-02	11/11/2009	AcTh-228	-1.05E+01	8.30E+00	3.20E+01
TM	SF	L15894-02	11/11/2009	Ag-108m	-1.20E+00	1.60E+00	6.00E+00
TM	SF	L15894-02	11/11/2009	Ag-110m	-5.60E+00	3.10E+00	1.20E+01
TM	SF	L15894-02	11/11/2009	Ba-140	0.00E+00	3.10E+00	1.20E+01
TM	SF	L15894-02	11/11/2009	Be-7	-8.00E+00	1.70E+01	6.00E+01
TM	SF	L15894-02	11/11/2009	Ce-141	-1.40E+00	2.70E+00	9.50E+00
TM	SF	L15894-02	11/11/2009	Ce-144	-3.70E+00	8.30E+00	2.90E+01
TM	SF	L15894-02	11/11/2009	Co-57	1.20E+00	1.10E+00	3.50E+00
TM	SF	L15894-02	11/11/2009	Co-58	3.00E-01	2.00E+00	7.20E+00
TM	SF	L15894-02	11/11/2009	Co-60	4.30E+00	2.70E+00	8.80E+00
TM	SF	L15894-02	11/11/2009	Cr-51	7.00E+00	1.50E+01	5.20E+01
TM	SF	L15894-02	11/11/2009	Cs-134	1.10E+00	1.60E+00	6.60E+00
TM	SF	L15894-02	11/11/2009	Cs-137	-3.00E+00	2.30E+00	8.60E+00
TM	SF	L15894-02	11/11/2009	Fe-59	7.80E+00	4.50E+00	1.50E+01
TM	SF	L15894-02	11/11/2009	I-131	3.00E-02	1.60E-01	9.30E-01
TM	SF	L15894-02	11/11/2009	K-40	1.42E+03	8.10E+01	1.20E+02 *
TM	SF	L15894-02	11/11/2009	La-140	0.00E+00	3.10E+00	1.20E+01
TM	SF	L15894-02	11/11/2009	Mn-54	2.40E+00	1.90E+00	6.30E+00
TM	SF	L15894-02	11/11/2009	Nb-95	-2.40E+00	2.10E+00	8.20E+00
TM	SF	L15894-02	11/11/2009	Ru-103	-2.70E+00	2.10E+00	7.80E+00
TM	SF	L15894-02	11/11/2009	Ru-106	-4.00E+00	1.90E+01	6.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15894-02	11/11/2009	Sb-124	0.00E+00	4.20E+00	1.70E+01
TM	SF	L15894-02	11/11/2009	Sb-125	-5.20E+00	4.50E+00	1.70E+01
TM	SF	L15894-02	11/11/2009	Se-75	-1.70E+00	2.00E+00	7.10E+00
TM	SF	L15894-02	11/11/2009	Zn-65	2.60E+00	5.70E+00	2.00E+01
TM	SF	L15894-02	11/11/2009	Zr-95	1.10E+00	3.60E+00	1.30E+01
TM	LF	L15894-03	11/11/2009	AcTh-228	-4.90E+00	6.80E+00	2.50E+01
TM	LF	L15894-03	11/11/2009	Ag-108m	-1.00E-01	1.60E+00	5.60E+00
TM	LF	L15894-03	11/11/2009	Ag-110m	2.10E+00	2.60E+00	9.10E+00
TM	LF	L15894-03	11/11/2009	Ba-140	1.30E+00	2.80E+00	1.00E+01
TM	LF	L15894-03	11/11/2009	Be-7	2.00E+00	1.60E+01	5.60E+01
TM	LF	L15894-03	11/11/2009	Ce-141	-9.90E+00	2.80E+00	1.10E+01
TM	LF	L15894-03	11/11/2009	Ce-144	-1.00E+00	1.10E+01	3.70E+01
TM	LF	L15894-03	11/11/2009	Co-57	-7.00E-01	1.30E+00	4.70E+00
TM	LF	L15894-03	11/11/2009	Co-58	-4.00E+00	1.70E+00	6.70E+00
TM	LF	L15894-03	11/11/2009	Co-60	-2.00E-01	2.10E+00	7.50E+00
TM	LF	L15894-03	11/11/2009	Cr-51	-6.00E+00	1.70E+01	5.80E+01
TM	LF	L15894-03	11/11/2009	Cs-134	3.10E+00	1.70E+00	5.70E+00
TM	LF	L15894-03	11/11/2009	Cs-137	1.70E+00	2.00E+00	6.80E+00
TM	LF	L15894-03	11/11/2009	Fe-59	3.80E+00	3.70E+00	1.30E+01
TM	LF	L15894-03	11/11/2009	I-131	2.00E-02	1.50E-01	8.40E-01
TM	LF	L15894-03	11/11/2009	K-40	1.55E+03	6.70E+01	9.50E+01 *
TM	LF	L15894-03	11/11/2009	La-140	1.30E+00	2.80E+00	1.00E+01
TM	LF	L15894-03	11/11/2009	Mn-54	5.00E-01	1.70E+00	6.10E+00
TM	LF	L15894-03	11/11/2009	Nb-95	4.20E+00	2.20E+00	7.10E+00
TM	LF	L15894-03	11/11/2009	Ru-103	1.10E+00	2.20E+00	7.40E+00
TM	LF	L15894-03	11/11/2009	Ru-106	2.40E+01	1.80E+01	5.90E+01
TM	LF	L15894-03	11/11/2009	Sb-124	3.20E+00	3.70E+00	1.30E+01
TM	LF	L15894-03	11/11/2009	Sb-125	3.80E+00	5.00E+00	1.70E+01
TM	LF	L15894-03	11/11/2009	Se-75	1.90E+00	2.40E+00	8.10E+00
TM	LF	L15894-03	11/11/2009	Zn-65	-1.30E+00	4.00E+00	1.50E+01
TM	LF	L15894-03	11/11/2009	Zr-95	2.80E+00	3.20E+00	1.10E+01
TM	MR	L15941-01	11/25/2009	AcTh-228	-4.20E+00	7.80E+00	2.70E+01
TM	MR	L15941-01	11/25/2009	Ag-108m	1.60E+00	1.40E+00	4.50E+00
TM	MR	L15941-01	11/25/2009	Ag-110m	-8.00E-01	2.20E+00	7.70E+00
TM	MR	L15941-01	11/25/2009	Ba-140	3.70E+00	3.80E+00	1.30E+01
TM	MR	L15941-01	11/25/2009	Be-7	-5.00E+00	1.40E+01	4.90E+01
TM	MR	L15941-01	11/25/2009	Ce-141	9.00E-01	2.30E+00	7.60E+00
TM	MR	L15941-01	11/25/2009	Ce-144	3.90E+00	8.40E+00	2.80E+01
TM	MR	L15941-01	11/25/2009	Co-57	-2.00E-01	1.10E+00	3.80E+00
TM	MR	L15941-01	11/25/2009	Co-58	-5.00E-01	1.70E+00	6.20E+00
TM	MR	L15941-01	11/25/2009	Co-60	1.90E+00	1.70E+00	5.70E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15941-01	11/25/2009	Cr-51	1.30E+01	1.40E+01	4.80E+01
TM	MR	L15941-01	11/25/2009	Cs-134	1.90E+00	1.60E+00	5.50E+00
TM	MR	L15941-01	11/25/2009	Cs-137	-1.10E+00	1.80E+00	6.20E+00
TM	MR	L15941-01	11/25/2009	Fe-59	1.60E+00	4.30E+00	1.50E+01
TM	MR	L15941-01	11/25/2009	I-131	1.50E-01	2.20E-01	9.30E-01
TM	MR	L15941-01	11/25/2009	K-40	2.09E+03	6.40E+01	7.90E+01 *
TM	MR	L15941-01	11/25/2009	La-140	3.70E+00	3.80E+00	1.30E+01
TM	MR	L15941-01	11/25/2009	Mn-54	-1.20E+00	1.60E+00	5.60E+00
TM	MR	L15941-01	11/25/2009	Nb-95	-2.50E+00	2.00E+00	7.30E+00
TM	MR	L15941-01	11/25/2009	Ru-103	2.00E-01	1.70E+00	5.70E+00
TM	MR	L15941-01	11/25/2009	Ru-106	-3.00E+00	1.40E+01	4.70E+01
TM	MR	L15941-01	11/25/2009	Sb-124	4.30E+00	3.00E+00	1.00E+01
TM	MR	L15941-01	11/25/2009	Sb-125	1.40E+00	3.90E+00	1.30E+01
TM	MR	L15941-01	11/25/2009	Se-75	-2.20E+00	1.80E+00	6.40E+00
TM	MR	L15941-01	11/25/2009	Zn-65	2.40E+00	4.10E+00	1.40E+01
TM	MR	L15941-01	11/25/2009	Zr-95	1.60E+00	3.00E+00	1.00E+01
TM	SF	L15941-02	11/25/2009	AcTh-228	8.20E+00	5.70E+00	1.90E+01
TM	SF	L15941-02	11/25/2009	Ag-108m	3.00E-01	1.40E+00	4.80E+00
TM	SF	L15941-02	11/25/2009	Ag-110m	7.00E-01	2.10E+00	7.50E+00
TM	SF	L15941-02	11/25/2009	Ba-140	-2.70E+00	3.50E+00	1.30E+01
TM	SF	L15941-02	11/25/2009	Be-7	-3.00E+00	1.50E+01	5.10E+01
TM	SF	L15941-02	11/25/2009	Ce-141	-1.30E+00	2.70E+00	9.30E+00
TM	SF	L15941-02	11/25/2009	Ce-144	-8.50E+00	9.10E+00	3.20E+01
TM	SF	L15941-02	11/25/2009	Co-57	6.00E-01	1.20E+00	4.00E+00
TM	SF	L15941-02	11/25/2009	Co-58	-1.40E+00	1.60E+00	5.70E+00
TM	SF	L15941-02	11/25/2009	Co-60	9.00E-01	1.50E+00	5.40E+00
TM	SF	L15941-02	11/25/2009	Cr-51	-1.60E+01	1.70E+01	5.80E+01
TM	SF	L15941-02	11/25/2009	Cs-134	-9.00E-01	1.60E+00	6.00E+00
TM	SF	L15941-02	11/25/2009	Cs-137	1.30E+00	1.70E+00	5.70E+00
TM	SF	L15941-02	11/25/2009	Fe-59	2.40E+00	3.90E+00	1.30E+01
TM	SF	L15941-02	11/25/2009	I-131	0.00E+00	1.60E-01	9.70E-01
TM	SF	L15941-02	11/25/2009	K-40	1.58E+03	5.70E+01	7.90E+01 *
TM	SF	L15941-02	11/25/2009	La-140	-2.70E+00	3.50E+00	1.30E+01
TM	SF	L15941-02	11/25/2009	Mn-54	1.90E+00	1.70E+00	5.70E+00
TM	SF	L15941-02	11/25/2009	Nb-95	-1.10E+00	1.90E+00	7.00E+00
TM	SF	L15941-02	11/25/2009	Ru-103	-4.10E+00	1.90E+00	7.20E+00
TM	SF	L15941-02	11/25/2009	Ru-106	-1.00E+01	1.50E+01	5.50E+01
TM	SF	L15941-02	11/25/2009	Sb-124	-1.50E+00	3.60E+00	1.40E+01
TM	SF	L15941-02	11/25/2009	Sb-125	4.60E+00	4.00E+00	1.30E+01
TM	SF	L15941-02	11/25/2009	Se-75	1.30E+00	2.10E+00	7.10E+00
TM	SF	L15941-02	11/25/2009	Zn-65	-5.10E+00	7.20E+00	2.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	SF	L15941-02	11/25/2009	Zr-95	-4.00E-01	2.70E+00	9.60E+00
TM	LF	L15941-03	11/25/2009	AcTh-228	1.27E+01	6.60E+00	2.10E+01
TM	LF	L15941-03	11/25/2009	Ag-108m	-1.30E+00	1.30E+00	4.60E+00
TM	LF	L15941-03	11/25/2009	Ag-110m	-2.30E+00	2.10E+00	7.80E+00
TM	LF	L15941-03	11/25/2009	Ba-140	5.40E+00	3.60E+00	1.20E+01
TM	LF	L15941-03	11/25/2009	Be-7	-1.70E+01	1.30E+01	4.80E+01
TM	LF	L15941-03	11/25/2009	Ce-141	-5.30E+00	1.90E+00	7.10E+00
TM	LF	L15941-03	11/25/2009	Ce-144	3.30E+00	6.70E+00	2.30E+01
TM	LF	L15941-03	11/25/2009	Co-57	4.80E-01	8.30E-01	2.80E+00
TM	LF	L15941-03	11/25/2009	Co-58	-1.40E+00	1.60E+00	6.00E+00
TM	LF	L15941-03	11/25/2009	Co-60	-8.00E-01	1.90E+00	7.10E+00
TM	LF	L15941-03	11/25/2009	Cr-51	-1.70E+01	1.30E+01	4.80E+01
TM	LF	L15941-03	11/25/2009	Cs-134	-1.50E+00	1.30E+00	6.70E+00
TM	LF	L15941-03	11/25/2009	Cs-137	2.80E+00	1.80E+00	5.80E+00
TM	LF	L15941-03	11/25/2009	Fe-59	2.70E+00	4.20E+00	1.40E+01
TM	LF	L15941-03	11/25/2009	I-131	1.60E-01	2.20E-01	9.40E-01
TM	LF	L15941-03	11/25/2009	K-40	1.36E+03	5.80E+01	8.60E+01 *
TM	LF	L15941-03	11/25/2009	La-140	5.40E+00	3.60E+00	1.20E+01
TM	LF	L15941-03	11/25/2009	Mn-54	8.00E-01	1.40E+00	4.80E+00
TM	LF	L15941-03	11/25/2009	Nb-95	3.10E+00	2.10E+00	7.00E+00
TM	LF	L15941-03	11/25/2009	Ru-103	-4.00E+00	1.80E+00	6.70E+00
TM	LF	L15941-03	11/25/2009	Ru-106	-2.20E+01	1.30E+01	5.00E+01
TM	LF	L15941-03	11/25/2009	Sb-124	1.80E+00	3.90E+00	1.40E+01
TM	LF	L15941-03	11/25/2009	Sb-125	4.70E+00	4.10E+00	1.40E+01
TM	LF	L15941-03	11/25/2009	Se-75	1.30E+00	1.70E+00	5.60E+00
TM	LF	L15941-03	11/25/2009	Zn-65	-8.20E+00	4.30E+00	1.60E+01
TM	LF	L15941-03	11/25/2009	Zr-95	-1.10E+00	3.00E+00	1.10E+01
TM	MR	L15983-01	12/9/2009	AcTh-228	3.30E+00	6.30E+00	2.20E+01
TM	MR	L15983-01	12/9/2009	Ag-108m	-6.00E-01	1.50E+00	5.20E+00
TM	MR	L15983-01	12/9/2009	Ag-110m	-2.00E+00	2.30E+00	8.40E+00
TM	MR	L15983-01	12/9/2009	Ba-140	-6.60E+00	3.20E+00	1.30E+01
TM	MR	L15983-01	12/9/2009	Be-7	1.50E+01	1.40E+01	4.80E+01
TM	MR	L15983-01	12/9/2009	Ce-141	3.10E+00	2.30E+00	7.60E+00
TM	MR	L15983-01	12/9/2009	Ce-144	1.27E+01	8.20E+00	2.70E+01
TM	MR	L15983-01	12/9/2009	Co-57	-1.60E+00	1.10E+00	3.90E+00
TM	MR	L15983-01	12/9/2009	Co-58	-7.00E-01	1.70E+00	6.20E+00
TM	MR	L15983-01	12/9/2009	Co-60	1.20E+00	1.70E+00	5.90E+00
TM	MR	L15983-01	12/9/2009	Cr-51	6.00E+00	1.40E+01	4.70E+01
TM	MR	L15983-01	12/9/2009	Cs-134	-1.40E+00	1.40E+00	6.70E+00
TM	MR	L15983-01	12/9/2009	Cs-137	3.80E+00	1.70E+00	5.40E+00
TM	MR	L15983-01	12/9/2009	Fe-59	-3.80E+00	4.30E+00	1.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L15983-01	12/9/2009	I-131	-1.01E-01	2.00E-02	7.60E-01
TM	MR	L15983-01	12/9/2009	K-40	1.80E+03	7.00E+01	8.40E+01 *
TM	MR	L15983-01	12/9/2009	La-140	-6.60E+00	3.20E+00	1.30E+01
TM	MR	L15983-01	12/9/2009	Mn-54	5.00E-01	1.60E+00	5.80E+00
TM	MR	L15983-01	12/9/2009	Nb-95	-2.40E+00	1.80E+00	6.90E+00
TM	MR	L15983-01	12/9/2009	Ru-103	-7.00E-01	1.90E+00	6.60E+00
TM	MR	L15983-01	12/9/2009	Ru-106	-1.50E+01	1.40E+01	5.20E+01
TM	MR	L15983-01	12/9/2009	Sb-124	-2.30E+00	3.30E+00	1.30E+01
TM	MR	L15983-01	12/9/2009	Sb-125	-6.90E+00	4.40E+00	1.60E+01
TM	MR	L15983-01	12/9/2009	Se-75	-5.40E+00	1.80E+00	6.90E+00
TM	MR	L15983-01	12/9/2009	Zn-65	-3.80E+00	4.30E+00	1.60E+01
TM	MR	L15983-01	12/9/2009	Zr-95	-4.90E+00	3.00E+00	1.10E+01
TM	SF	L15983-02	12/9/2009	AcTh-228	2.00E+01	7.30E+00	2.20E+01
TM	SF	L15983-02	12/9/2009	Ag-108m	-1.20E+00	1.80E+00	6.50E+00
TM	SF	L15983-02	12/9/2009	Ag-110m	1.90E+00	2.70E+00	9.30E+00
TM	SF	L15983-02	12/9/2009	Ba-140	-1.10E+00	2.70E+00	1.10E+01
TM	SF	L15983-02	12/9/2009	Be-7	-3.00E+00	1.70E+01	6.10E+01
TM	SF	L15983-02	12/9/2009	Ce-141	-3.60E+00	3.20E+00	1.10E+01
TM	SF	L15983-02	12/9/2009	Ce-144	0.00E+00	1.20E+01	4.10E+01
TM	SF	L15983-02	12/9/2009	Co-57	1.30E+00	1.50E+00	5.10E+00
TM	SF	L15983-02	12/9/2009	Co-58	6.00E-01	2.10E+00	7.30E+00
TM	SF	L15983-02	12/9/2009	Co-60	-1.40E+00	2.10E+00	8.10E+00
TM	SF	L15983-02	12/9/2009	Cr-51	3.50E+01	1.90E+01	6.20E+01
TM	SF	L15983-02	12/9/2009	Cs-134	1.60E+00	2.10E+00	7.30E+00
TM	SF	L15983-02	12/9/2009	Cs-137	-2.00E-01	2.10E+00	7.40E+00
TM	SF	L15983-02	12/9/2009	Fe-59	1.10E+00	4.20E+00	1.50E+01
TM	SF	L15983-02	12/9/2009	I-131	4.00E-02	1.40E-01	7.90E-01
TM	SF	L15983-02	12/9/2009	K-40	1.52E+03	7.20E+01	8.70E+01 *
TM	SF	L15983-02	12/9/2009	La-140	-1.10E+00	2.70E+00	1.10E+01
TM	SF	L15983-02	12/9/2009	Mn-54	1.60E+00	1.90E+00	6.70E+00
TM	SF	L15983-02	12/9/2009	Nb-95	-6.50E+00	2.20E+00	8.90E+00
TM	SF	L15983-02	12/9/2009	Ru-103	-1.20E+00	2.50E+00	8.90E+00
TM	SF	L15983-02	12/9/2009	Ru-106	-1.90E+01	1.80E+01	6.80E+01
TM	SF	L15983-02	12/9/2009	Sb-124	-2.40E+00	3.80E+00	1.60E+01
TM	SF	L15983-02	12/9/2009	Sb-125	-1.40E+00	5.50E+00	2.00E+01
TM	SF	L15983-02	12/9/2009	Se-75	2.20E+00	2.70E+00	9.00E+00
TM	SF	L15983-02	12/9/2009	Zn-65	5.50E+00	8.20E+00	2.80E+01
TM	SF	L15983-02	12/9/2009	Zr-95	2.00E+00	3.30E+00	1.20E+01
TM	LF	L15983-03	12/9/2009	AcTh-228	-4.90E+00	7.30E+00	2.60E+01
TM	LF	L15983-03	12/9/2009	Ag-108m	-7.00E-01	1.60E+00	5.80E+00
TM	LF	L15983-03	12/9/2009	Ag-110m	-2.10E+00	2.20E+00	8.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L15983-03	12/9/2009	Ba-140	1.40E+00	2.50E+00	9.10E+00
TM	LF	L15983-03	12/9/2009	Be-7	-2.20E+01	1.60E+01	5.90E+01
TM	LF	L15983-03	12/9/2009	Ce-141	1.80E+00	2.60E+00	8.70E+00
TM	LF	L15983-03	12/9/2009	Ce-144	-1.84E+01	9.00E+00	3.30E+01
TM	LF	L15983-03	12/9/2009	Co-57	-1.70E+00	1.30E+00	4.50E+00
TM	LF	L15983-03	12/9/2009	Co-58	-1.90E+00	1.80E+00	6.80E+00
TM	LF	L15983-03	12/9/2009	Co-60	1.50E+00	1.90E+00	6.40E+00
TM	LF	L15983-03	12/9/2009	Cr-51	9.00E+00	1.50E+01	5.20E+01
TM	LF	L15983-03	12/9/2009	Cs-134	0.00E+00	1.50E+00	6.90E+00
TM	LF	L15983-03	12/9/2009	Cs-137	-5.00E-01	1.60E+00	5.90E+00
TM	LF	L15983-03	12/9/2009	Fe-59	7.70E+00	4.30E+00	1.40E+01
TM	LF	L15983-03	12/9/2009	I-131	4.00E-02	1.50E-01	8.00E-01
TM	LF	L15983-03	12/9/2009	K-40	1.34E+03	6.40E+01	9.70E+01 *
TM	LF	L15983-03	12/9/2009	La-140	1.40E+00	2.50E+00	9.10E+00
TM	LF	L15983-03	12/9/2009	Mn-54	-9.00E-01	1.70E+00	6.20E+00
TM	LF	L15983-03	12/9/2009	Nb-95	-9.00E-01	2.10E+00	7.50E+00
TM	LF	L15983-03	12/9/2009	Ru-103	-2.10E+00	1.80E+00	6.60E+00
TM	LF	L15983-03	12/9/2009	Ru-106	8.00E+00	1.50E+01	5.10E+01
TM	LF	L15983-03	12/9/2009	Sb-124	-1.90E+00	3.30E+00	1.30E+01
TM	LF	L15983-03	12/9/2009	Sb-125	7.40E+00	4.90E+00	1.60E+01
TM	LF	L15983-03	12/9/2009	Se-75	2.40E+00	2.10E+00	7.20E+00
TM	LF	L15983-03	12/9/2009	Zn-65	-3.40E+00	4.00E+00	1.50E+01
TM	LF	L15983-03	12/9/2009	Zr-95	-4.50E+00	3.10E+00	1.20E+01
TM	MR	L16021-01	12/23/2009	AcTh-228	7.90E+00	5.10E+00	1.70E+01
TM	MR	L16021-01	12/23/2009	Ag-108m	-2.90E+00	1.10E+00	4.10E+00
TM	MR	L16021-01	12/23/2009	Ag-110m	7.00E-01	1.70E+00	5.80E+00
TM	MR	L16021-01	12/23/2009	Ba-140	2.00E-01	3.10E+00	1.10E+01
TM	MR	L16021-01	12/23/2009	Be-7	-8.00E+00	1.20E+01	4.10E+01
TM	MR	L16021-01	12/23/2009	Ce-141	2.60E+00	1.90E+00	6.30E+00
TM	MR	L16021-01	12/23/2009	Ce-144	1.08E+01	6.30E+00	2.10E+01
TM	MR	L16021-01	12/23/2009	Co-57	-1.27E+00	7.90E-01	2.80E+00
TM	MR	L16021-01	12/23/2009	Co-58	-1.10E+00	1.40E+00	5.20E+00
TM	MR	L16021-01	12/23/2009	Co-60	-4.00E-01	1.40E+00	4.90E+00
TM	MR	L16021-01	12/23/2009	Cr-51	-1.80E+01	1.20E+01	4.30E+01
TM	MR	L16021-01	12/23/2009	Cs-134	-1.13E+00	9.30E-01	4.50E+00
TM	MR	L16021-01	12/23/2009	Cs-137	2.10E+00	1.30E+00	4.10E+00
TM	MR	L16021-01	12/23/2009	Fe-59	-2.60E+00	3.10E+00	1.10E+01
TM	MR	L16021-01	12/23/2009	I-131	4.40E-01	2.80E-01	8.70E-01
TM	MR	L16021-01	12/23/2009	K-40	1.68E+03	5.20E+01	6.30E+01 *
TM	MR	L16021-01	12/23/2009	La-140	2.00E-01	3.10E+00	1.10E+01
TM	MR	L16021-01	12/23/2009	Mn-54	6.00E-01	1.40E+00	4.60E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	MR	L16021-01	12/23/2009	Nb-95	-6.00E-01	1.60E+00	5.70E+00
TM	MR	L16021-01	12/23/2009	Ru-103	1.40E+00	1.50E+00	5.10E+00
TM	MR	L16021-01	12/23/2009	Ru-106	6.00E+00	1.20E+01	4.00E+01
TM	MR	L16021-01	12/23/2009	Sb-124	3.00E-01	3.10E+00	1.10E+01
TM	MR	L16021-01	12/23/2009	Sb-125	1.40E+00	3.30E+00	1.10E+01
TM	MR	L16021-01	12/23/2009	Se-75	1.50E+00	1.50E+00	5.10E+00
TM	MR	L16021-01	12/23/2009	Zn-65	1.90E+00	3.30E+00	1.10E+01
TM	MR	L16021-01	12/23/2009	Zr-95	2.80E+00	2.40E+00	8.10E+00
TM	SF	L16021-02	12/23/2009	AcTh-228	7.00E+00	7.20E+00	2.40E+01
TM	SF	L16021-02	12/23/2009	Ag-108m	-1.30E+00	1.10E+00	3.90E+00
TM	SF	L16021-02	12/23/2009	Ag-110m	-2.60E+00	1.90E+00	7.00E+00
TM	SF	L16021-02	12/23/2009	Ba-140	-3.80E+00	3.10E+00	1.20E+01
TM	SF	L16021-02	12/23/2009	Be-7	-1.00E+00	1.30E+01	4.40E+01
TM	SF	L16021-02	12/23/2009	Ce-141	-6.90E+00	3.20E+00	1.20E+01
TM	SF	L16021-02	12/23/2009	Ce-144	-4.00E+00	7.10E+00	2.40E+01
TM	SF	L16021-02	12/23/2009	Co-57	-6.00E-02	9.80E-01	3.30E+00
TM	SF	L16021-02	12/23/2009	Co-58	-1.10E+00	1.50E+00	5.50E+00
TM	SF	L16021-02	12/23/2009	Co-60	-1.00E-01	1.60E+00	5.70E+00
TM	SF	L16021-02	12/23/2009	Cr-51	-1.00E+00	1.30E+01	4.50E+01
TM	SF	L16021-02	12/23/2009	Cs-134	9.00E-01	1.20E+00	4.90E+00
TM	SF	L16021-02	12/23/2009	Cs-137	1.50E+00	1.40E+00	4.60E+00
TM	SF	L16021-02	12/23/2009	Fe-59	-6.40E+00	3.30E+00	1.20E+01
TM	SF	L16021-02	12/23/2009	I-131	1.20E-01	2.10E-01	8.80E-01
TM	SF	L16021-02	12/23/2009	K-40	1.43E+03	5.00E+01	7.00E+01 *
TM	SF	L16021-02	12/23/2009	La-140	-3.80E+00	3.10E+00	1.20E+01
TM	SF	L16021-02	12/23/2009	Mn-54	-2.10E+00	1.40E+00	5.10E+00
TM	SF	L16021-02	12/23/2009	Nb-95	-5.00E-01	1.80E+00	6.30E+00
TM	SF	L16021-02	12/23/2009	Ru-103	1.50E+00	1.70E+00	5.60E+00
TM	SF	L16021-02	12/23/2009	Ru-106	-1.60E+01	1.20E+01	4.20E+01
TM	SF	L16021-02	12/23/2009	Sb-124	2.30E+00	3.20E+00	1.10E+01
TM	SF	L16021-02	12/23/2009	Sb-125	5.80E+00	3.50E+00	1.20E+01
TM	SF	L16021-02	12/23/2009	Se-75	-2.00E+00	1.60E+00	5.60E+00
TM	SF	L16021-02	12/23/2009	Zn-65	3.00E+00	3.20E+00	1.10E+01
TM	SF	L16021-02	12/23/2009	Zr-95	-1.60E+00	2.70E+00	9.50E+00
TM	LF	L16021-03	12/23/2009	AcTh-228	-7.20E+00	8.10E+00	3.00E+01
TM	LF	L16021-03	12/23/2009	Ag-108m	1.10E+00	1.60E+00	5.30E+00
TM	LF	L16021-03	12/23/2009	Ag-110m	-4.00E-01	2.60E+00	9.50E+00
TM	LF	L16021-03	12/23/2009	Ba-140	6.00E+00	4.40E+00	1.50E+01
TM	LF	L16021-03	12/23/2009	Be-7	-2.40E+01	1.70E+01	6.40E+01
TM	LF	L16021-03	12/23/2009	Ce-141	-4.20E+00	3.20E+00	1.10E+01
TM	LF	L16021-03	12/23/2009	Ce-144	-2.00E+00	1.10E+01	3.90E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
TM	LF	L16021-03	12/23/2009	Co-57	1.00E-01	1.40E+00	4.80E+00
TM	LF	L16021-03	12/23/2009	Co-58	-1.30E+00	2.20E+00	8.00E+00
TM	LF	L16021-03	12/23/2009	Co-60	-3.00E-01	2.10E+00	7.90E+00
TM	LF	L16021-03	12/23/2009	Cr-51	-1.10E+01	1.90E+01	6.80E+01
TM	LF	L16021-03	12/23/2009	Cs-134	1.50E+00	1.70E+00	7.60E+00
TM	LF	L16021-03	12/23/2009	Cs-137	2.00E-01	2.20E+00	7.60E+00
TM	LF	L16021-03	12/23/2009	Fe-59	1.06E+01	5.00E+00	1.60E+01
TM	LF	L16021-03	12/23/2009	I-131	2.70E-01	2.40E-01	8.40E-01
TM	LF	L16021-03	12/23/2009	K-40	1.47E+03	7.20E+01	1.00E+02 *
TM	LF	L16021-03	12/23/2009	La-140	6.00E+00	4.40E+00	1.50E+01
TM	LF	L16021-03	12/23/2009	Mn-54	-2.40E+00	2.00E+00	7.40E+00
TM	LF	L16021-03	12/23/2009	Nb-95	2.10E+00	2.60E+00	8.90E+00
TM	LF	L16021-03	12/23/2009	Ru-103	-2.50E+00	2.30E+00	8.30E+00
TM	LF	L16021-03	12/23/2009	Ru-106	2.80E+01	1.70E+01	5.60E+01
TM	LF	L16021-03	12/23/2009	Sb-124	-1.40E+00	4.00E+00	1.60E+01
TM	LF	L16021-03	12/23/2009	Sb-125	6.50E+00	5.00E+00	1.70E+01
TM	LF	L16021-03	12/23/2009	Se-75	9.00E-01	2.30E+00	7.80E+00
TM	LF	L16021-03	12/23/2009	Zn-65	-7.80E+00	4.70E+00	1.80E+01
TM	LF	L16021-03	12/23/2009	Zr-95	2.80E+00	4.10E+00	1.40E+01
WD	STJ	L14813-01	1/8/2009	AcTh-228	8.80E+00	7.20E+00	2.40E+01
WD	STJ	L14813-01	1/8/2009	Ag-108m	-2.00E+00	1.90E+00	6.90E+00
WD	STJ	L14813-01	1/8/2009	Ag-110m	-4.30E+00	2.80E+00	1.10E+01
WD	STJ	L14813-01	1/8/2009	Ba-140	6.60E+00	4.30E+00	1.40E+01
WD	STJ	L14813-01	1/8/2009	Be-7	-1.60E+01	1.70E+01	6.20E+01
WD	STJ	L14813-01	1/8/2009	Ce-141	7.00E-01	2.90E+00	9.90E+00
WD	STJ	L14813-01	1/8/2009	Ce-144	2.00E+00	1.10E+01	3.70E+01
WD	STJ	L14813-01	1/8/2009	Co-57	-1.00E-01	1.30E+00	4.70E+00
WD	STJ	L14813-01	1/8/2009	Co-58	2.20E+00	1.70E+00	5.80E+00
WD	STJ	L14813-01	1/8/2009	Co-60	-1.80E+00	2.00E+00	8.00E+00
WD	STJ	L14813-01	1/8/2009	Cr-51	-8.00E+00	1.80E+01	6.40E+01
WD	STJ	L14813-01	1/8/2009	Cs-134	8.00E-01	1.70E+00	7.60E+00
WD	STJ	L14813-01	1/8/2009	Cs-137	4.00E+00	1.80E+00	5.60E+00
WD	STJ	L14813-01	1/8/2009	Fe-59	5.00E-01	3.60E+00	1.40E+01
WD	STJ	L14813-01	1/8/2009	Gross Beta	4.80E+00	1.20E+00	3.30E+00 *
WD	STJ	L14813-01	1/8/2009	I-131	-2.29E-01	3.80E-02	9.20E-01
WD	STJ	L14813-01	1/8/2009	K-40	3.10E+01	2.50E+01	8.50E+01
WD	STJ	L14813-01	1/8/2009	La-140	6.60E+00	4.30E+00	1.40E+01
WD	STJ	L14813-01	1/8/2009	Mn-54	1.80E+00	1.90E+00	6.60E+00
WD	STJ	L14813-01	1/8/2009	Nb-95	-2.00E+00	2.10E+00	8.30E+00
WD	STJ	L14813-01	1/8/2009	Ru-103	-1.30E+00	2.30E+00	8.40E+00
WD	STJ	L14813-01	1/8/2009	Ru-106	-6.00E+00	1.70E+01	6.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L14813-01	1/8/2009	Sb-124	0.00E+00	5.60E+00	2.10E+01
WD	STJ	L14813-01	1/8/2009	Sb-125	-3.80E+00	5.30E+00	1.90E+01
WD	STJ	L14813-01	1/8/2009	Se-75	-2.30E+00	2.00E+00	7.60E+00
WD	STJ	L14813-01	1/8/2009	Zn-65	-1.90E+00	4.60E+00	1.70E+01
WD	STJ	L14813-01	1/8/2009	Zr-95	1.90E+00	3.50E+00	1.20E+01
WD	LTW	L14813-02	1/8/2009	AcTh-228	-4.60E+00	7.00E+00	2.70E+01
WD	LTW	L14813-02	1/8/2009	Ag-108m	-2.20E+00	1.60E+00	6.30E+00
WD	LTW	L14813-02	1/8/2009	Ag-110m	9.00E-01	2.70E+00	9.80E+00
WD	LTW	L14813-02	1/8/2009	Ba-140	2.80E+00	3.90E+00	1.40E+01
WD	LTW	L14813-02	1/8/2009	Be-7	2.00E+00	1.70E+01	6.30E+01
WD	LTW	L14813-02	1/8/2009	Ce-141	-4.80E+00	3.30E+00	1.20E+01
WD	LTW	L14813-02	1/8/2009	Ce-144	5.00E+00	1.10E+01	3.80E+01
WD	LTW	L14813-02	1/8/2009	Co-57	-7.00E-01	1.40E+00	5.00E+00
WD	LTW	L14813-02	1/8/2009	Co-58	-2.30E+00	2.00E+00	8.00E+00
WD	LTW	L14813-02	1/8/2009	Co-60	-4.60E+00	2.50E+00	1.10E+01
WD	LTW	L14813-02	1/8/2009	Cr-51	0.00E+00	1.90E+01	6.80E+01
WD	LTW	L14813-02	1/8/2009	Cs-134	1.00E+00	1.60E+00	7.80E+00
WD	LTW	L14813-02	1/8/2009	Cs-137	-3.50E+00	2.10E+00	8.50E+00
WD	LTW	L14813-02	1/8/2009	Fe-59	5.10E+00	4.40E+00	1.50E+01
WD	LTW	L14813-02	1/8/2009	Gross Beta	3.90E+00	1.10E+00	3.00E+00 *
WD	LTW	L14813-02	1/8/2009	I-131	2.00E-01	2.30E-01	8.50E-01
WD	LTW	L14813-02	1/8/2009	K-40	1.20E+01	2.80E+01	1.00E+02
WD	LTW	L14813-02	1/8/2009	La-140	2.80E+00	3.90E+00	1.40E+01
WD	LTW	L14813-02	1/8/2009	Mn-54	-6.00E-01	2.00E+00	7.40E+00
WD	LTW	L14813-02	1/8/2009	Nb-95	-1.60E+00	2.70E+00	1.00E+01
WD	LTW	L14813-02	1/8/2009	Ru-103	-3.00E-01	2.10E+00	7.80E+00
WD	LTW	L14813-02	1/8/2009	Ru-106	-2.20E+01	2.20E+01	8.30E+01
WD	LTW	L14813-02	1/8/2009	Sb-124	-7.10E+00	5.30E+00	2.30E+01
WD	LTW	L14813-02	1/8/2009	Sb-125	-6.70E+00	4.90E+00	1.90E+01
WD	LTW	L14813-02	1/8/2009	Se-75	9.00E-01	2.50E+00	8.60E+00
WD	LTW	L14813-02	1/8/2009	Zn-65	-1.56E+01	5.50E+00	2.30E+01
WD	LTW	L14813-02	1/8/2009	Zr-95	6.70E+00	3.90E+00	1.30E+01
WD	STJ	L14861-01	1/22/2009	AcTh-228	2.40E+00	6.10E+00	2.10E+01
WD	STJ	L14861-01	1/22/2009	Ag-108m	-1.10E+00	1.00E+00	3.70E+00
WD	STJ	L14861-01	1/22/2009	Ag-110m	-8.00E-01	1.90E+00	6.80E+00
WD	STJ	L14861-01	1/22/2009	Ba-140	-4.10E+00	3.60E+00	1.40E+01
WD	STJ	L14861-01	1/22/2009	Be-7	1.00E+00	1.00E+01	3.50E+01
WD	STJ	L14861-01	1/22/2009	Ce-141	1.50E+00	1.70E+00	5.80E+00
WD	STJ	L14861-01	1/22/2009	Ce-144	6.80E+00	6.10E+00	2.00E+01
WD	STJ	L14861-01	1/22/2009	Co-57	-8.20E-01	7.20E-01	2.50E+00
WD	STJ	L14861-01	1/22/2009	Co-58	-2.60E+00	1.40E+00	5.30E+00
WD	STJ	L14861-01	1/22/2009	Co-60	2.70E+00	1.50E+00	4.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L14861-01	1/22/2009	Cr-51	4.00E+00	1.10E+01	3.70E+01
WD	STJ	L14861-01	1/22/2009	Cs-134	4.50E-01	8.80E-01	4.00E+00
WD	STJ	L14861-01	1/22/2009	Cs-137	4.00E-01	1.40E+00	4.70E+00
WD	STJ	L14861-01	1/22/2009	Fe-59	2.70E+00	3.20E+00	1.10E+01
WD	STJ	L14861-01	1/22/2009	Gross Beta	2.00E+00	1.00E+00	3.20E+00
WD	STJ	L14861-01	1/22/2009	I-131	8.30E-01	4.00E-01	9.50E-01
WD	STJ	L14861-01	1/22/2009	K-40	-5.00E+00	2.30E+01	8.00E+01
WD	STJ	L14861-01	1/22/2009	La-140	-4.10E+00	3.60E+00	1.40E+01
WD	STJ	L14861-01	1/22/2009	Mn-54	9.00E-01	1.20E+00	4.00E+00
WD	STJ	L14861-01	1/22/2009	Nb-95	1.30E+00	1.50E+00	5.10E+00
WD	STJ	L14861-01	1/22/2009	Ru-103	-1.40E+00	1.30E+00	4.70E+00
WD	STJ	L14861-01	1/22/2009	Ru-106	-1.70E+01	1.20E+01	4.30E+01
WD	STJ	L14861-01	1/22/2009	Sb-124	1.80E+00	3.70E+00	1.30E+01
WD	STJ	L14861-01	1/22/2009	Sb-125	-2.00E-01	3.00E+00	1.00E+01
WD	STJ	L14861-01	1/22/2009	Se-75	1.00E+00	1.30E+00	4.40E+00
WD	STJ	L14861-01	1/22/2009	Zn-65	4.90E+00	4.00E+00	1.30E+01
WD	STJ	L14861-01	1/22/2009	Zr-95	4.00E+00	2.20E+00	7.20E+00
WD	LTW	L14861-02	1/22/2009	AcTh-228	-4.00E-01	6.20E+00	2.20E+01
WD	LTW	L14861-02	1/22/2009	Ag-108m	-8.00E-01	1.10E+00	3.80E+00
WD	LTW	L14861-02	1/22/2009	Ag-110m	-1.70E+00	2.20E+00	8.10E+00
WD	LTW	L14861-02	1/22/2009	Ba-140	6.00E-01	3.90E+00	1.40E+01
WD	LTW	L14861-02	1/22/2009	Be-7	-1.70E+01	1.30E+01	4.70E+01
WD	LTW	L14861-02	1/22/2009	Ce-141	8.00E-01	2.00E+00	6.90E+00
WD	LTW	L14861-02	1/22/2009	Ce-144	-8.60E+00	6.50E+00	2.30E+01
WD	LTW	L14861-02	1/22/2009	Co-57	1.70E-01	8.50E-01	2.90E+00
WD	LTW	L14861-02	1/22/2009	Co-58	-7.00E-01	1.40E+00	5.20E+00
WD	LTW	L14861-02	1/22/2009	Co-60	7.00E-01	1.60E+00	5.50E+00
WD	LTW	L14861-02	1/22/2009	Cr-51	-1.20E+01	1.30E+01	4.70E+01
WD	LTW	L14861-02	1/22/2009	Cs-134	-3.00E-01	1.20E+00	5.20E+00
WD	LTW	L14861-02	1/22/2009	Cs-137	3.00E-01	1.30E+00	4.70E+00
WD	LTW	L14861-02	1/22/2009	Fe-59	-4.00E-01	3.10E+00	1.10E+01
WD	LTW	L14861-02	1/22/2009	Gross Beta	1.37E+00	9.80E-01	3.30E+00
WD	LTW	L14861-02	1/22/2009	I-131	-1.45E-01	2.40E-02	9.40E-01
WD	LTW	L14861-02	1/22/2009	K-40	-2.60E+01	2.40E+01	8.80E+01
WD	LTW	L14861-02	1/22/2009	La-140	6.00E-01	3.90E+00	1.40E+01
WD	LTW	L14861-02	1/22/2009	Mn-54	-2.50E+00	1.10E+00	4.70E+00
WD	LTW	L14861-02	1/22/2009	Nb-95	-2.00E+00	1.50E+00	5.90E+00
WD	LTW	L14861-02	1/22/2009	Ru-103	3.00E-01	1.50E+00	5.10E+00
WD	LTW	L14861-02	1/22/2009	Ru-106	-2.10E+01	1.30E+01	5.00E+01
WD	LTW	L14861-02	1/22/2009	Sb-124	0.00E+00	4.00E+00	1.50E+01
WD	LTW	L14861-02	1/22/2009	Sb-125	6.90E+00	3.30E+00	1.10E+01
WD	LTW	L14861-02	1/22/2009	Se-75	1.30E+00	1.40E+00	4.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L14861-02	1/22/2009	Zn-65	-3.70E+00	3.10E+00	1.20E+01
WD	LTW	L14861-02	1/22/2009	Zr-95	-5.00E-01	2.40E+00	8.70E+00
WD	STJ	L14895-01	2/5/2009	AcTh-228	6.70E+00	7.90E+00	2.70E+01
WD	STJ	L14895-01	2/5/2009	Ag-108m	-1.00E+00	1.20E+00	4.50E+00
WD	STJ	L14895-01	2/5/2009	Ag-110m	4.00E-01	2.40E+00	8.60E+00
WD	STJ	L14895-01	2/5/2009	Ba-140	5.20E+00	3.60E+00	1.30E+01
WD	STJ	L14895-01	2/5/2009	Be-7	-4.00E+00	1.30E+01	4.60E+01
WD	STJ	L14895-01	2/5/2009	Ce-141	3.40E+00	2.50E+00	8.10E+00
WD	STJ	L14895-01	2/5/2009	Ce-144	6.20E+00	8.10E+00	2.70E+01
WD	STJ	L14895-01	2/5/2009	Co-57	-4.00E-01	1.10E+00	3.60E+00
WD	STJ	L14895-01	2/5/2009	Co-58	2.20E+00	1.50E+00	5.10E+00
WD	STJ	L14895-01	2/5/2009	Co-60	2.00E-01	1.90E+00	6.90E+00
WD	STJ	L14895-01	2/5/2009	Cr-51	6.00E+00	1.40E+01	4.80E+01
WD	STJ	L14895-01	2/5/2009	Cs-134	3.00E-01	1.10E+00	4.60E+00
WD	STJ	L14895-01	2/5/2009	Cs-137	6.00E-01	1.60E+00	5.50E+00
WD	STJ	L14895-01	2/5/2009	Fe-59	-9.00E-01	3.90E+00	1.40E+01
WD	STJ	L14895-01	2/5/2009	Gross Beta	3.00E+00	1.10E+00	3.20E+00
WD	STJ	L14895-01	2/5/2009	I-131	-1.31E-01	2.20E-02	7.50E-01
WD	STJ	L14895-01	2/5/2009	K-40	-1.60E+01	2.20E+01	8.40E+01
WD	STJ	L14895-01	2/5/2009	La-140	3.60E+00	3.80E+00	1.30E+01
WD	STJ	L14895-01	2/5/2009	Mn-54	1.40E+00	1.60E+00	5.50E+00
WD	STJ	L14895-01	2/5/2009	Nb-95	-6.00E+00	2.30E+00	9.00E+00
WD	STJ	L14895-01	2/5/2009	Ru-103	-3.60E+00	1.70E+00	6.40E+00
WD	STJ	L14895-01	2/5/2009	Ru-106	1.20E+01	1.40E+01	4.80E+01
WD	STJ	L14895-01	2/5/2009	Sb-124	-5.70E+00	3.70E+00	1.60E+01
WD	STJ	L14895-01	2/5/2009	Sb-125	-4.00E+00	3.70E+00	1.30E+01
WD	STJ	L14895-01	2/5/2009	Se-75	-2.00E+00	1.60E+00	5.90E+00
WD	STJ	L14895-01	2/5/2009	Zn-65	1.16E+01	6.60E+00	2.10E+01
WD	STJ	L14895-01	2/5/2009	Zr-95	1.30E+00	3.20E+00	1.10E+01
WD	LTW	L14895-02	2/5/2009	AcTh-228	6.00E+00	8.10E+00	2.80E+01
WD	LTW	L14895-02	2/5/2009	Ag-108m	3.00E+00	1.40E+00	4.60E+00
WD	LTW	L14895-02	2/5/2009	Ag-110m	2.30E+00	2.10E+00	7.00E+00
WD	LTW	L14895-02	2/5/2009	Ba-140	8.70E+00	4.20E+00	1.30E+01
WD	LTW	L14895-02	2/5/2009	Be-7	-4.20E+01	1.60E+01	6.40E+01
WD	LTW	L14895-02	2/5/2009	Ce-141	-5.60E+00	2.80E+00	1.00E+01
WD	LTW	L14895-02	2/5/2009	Ce-144	-1.70E+00	9.20E+00	3.20E+01
WD	LTW	L14895-02	2/5/2009	Co-57	0.00E+00	1.20E+00	4.10E+00
WD	LTW	L14895-02	2/5/2009	Co-58	1.30E+00	2.00E+00	6.90E+00
WD	LTW	L14895-02	2/5/2009	Co-60	-1.00E-01	1.80E+00	7.00E+00
WD	LTW	L14895-02	2/5/2009	Cr-51	4.00E+00	1.60E+01	5.70E+01
WD	LTW	L14895-02	2/5/2009	Cs-134	-3.20E+00	1.50E+00	7.40E+00
WD	LTW	L14895-02	2/5/2009	Cs-137	2.10E+00	1.70E+00	5.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L14895-02	2/5/2009	Fe-59	3.30E+00	4.20E+00	1.50E+01
WD	LTW	L14895-02	2/5/2009	Gross Beta	4.40E+00	1.10E+00	3.10E+00 *
WD	LTW	L14895-02	2/5/2009	I-131	-1.35E-01	2.20E-02	7.70E-01
WD	LTW	L14895-02	2/5/2009	K-40	-5.00E+00	2.70E+01	9.90E+01
WD	LTW	L14895-02	2/5/2009	La-140	8.70E+00	4.20E+00	1.30E+01
WD	LTW	L14895-02	2/5/2009	Mn-54	1.00E+00	1.70E+00	6.10E+00
WD	LTW	L14895-02	2/5/2009	Nb-95	9.00E-01	2.50E+00	8.90E+00
WD	LTW	L14895-02	2/5/2009	Ru-103	9.00E-01	2.20E+00	7.50E+00
WD	LTW	L14895-02	2/5/2009	Ru-106	4.00E+00	1.70E+01	5.90E+01
WD	LTW	L14895-02	2/5/2009	Sb-124	1.51E+01	6.30E+00	1.90E+01
WD	LTW	L14895-02	2/5/2009	Sb-125	-3.70E+00	4.60E+00	1.70E+01
WD	LTW	L14895-02	2/5/2009	Se-75	-3.00E+00	1.90E+00	7.20E+00
WD	LTW	L14895-02	2/5/2009	Zn-65	-6.40E+00	3.90E+00	1.60E+01
WD	LTW	L14895-02	2/5/2009	Zr-95	-1.20E+00	3.80E+00	1.40E+01
WD	STJ	L14930-01	2/19/2009	AcTh-228	-7.40E+00	5.30E+00	2.00E+01
WD	STJ	L14930-01	2/19/2009	Ag-108m	1.10E+00	1.30E+00	4.40E+00
WD	STJ	L14930-01	2/19/2009	Ag-110m	2.70E+00	1.80E+00	6.00E+00
WD	STJ	L14930-01	2/19/2009	Ba-140	-2.50E+00	3.80E+00	1.40E+01
WD	STJ	L14930-01	2/19/2009	Be-7	1.60E+01	1.30E+01	4.40E+01
WD	STJ	L14930-01	2/19/2009	Ce-141	2.20E+00	2.40E+00	8.10E+00
WD	STJ	L14930-01	2/19/2009	Ce-144	7.20E+00	8.20E+00	2.80E+01
WD	STJ	L14930-01	2/19/2009	Co-57	2.30E-01	9.90E-01	3.40E+00
WD	STJ	L14930-01	2/19/2009	Co-58	-3.10E+00	1.50E+00	5.80E+00
WD	STJ	L14930-01	2/19/2009	Co-60	2.10E+00	1.40E+00	4.60E+00
WD	STJ	L14930-01	2/19/2009	Cr-51	2.00E+01	1.40E+01	4.60E+01
WD	STJ	L14930-01	2/19/2009	Cs-134	-1.20E+00	1.20E+00	5.40E+00
WD	STJ	L14930-01	2/19/2009	Cs-137	1.00E+00	1.50E+00	5.10E+00
WD	STJ	L14930-01	2/19/2009	Fe-59	2.40E+00	3.40E+00	1.20E+01
WD	STJ	L14930-01	2/19/2009	Gross Beta	3.20E+00	1.00E+00	3.00E+00 *
WD	STJ	L14930-01	2/19/2009	I-131	1.90E-01	2.10E-01	8.40E-01
WD	STJ	L14930-01	2/19/2009	K-40	2.60E+01	1.80E+01	6.10E+01
WD	STJ	L14930-01	2/19/2009	La-140	-2.50E+00	3.80E+00	1.40E+01
WD	STJ	L14930-01	2/19/2009	Mn-54	1.50E+00	1.30E+00	4.50E+00
WD	STJ	L14930-01	2/19/2009	Nb-95	-1.50E+00	1.80E+00	6.50E+00
WD	STJ	L14930-01	2/19/2009	Ru-103	1.30E+00	1.70E+00	5.60E+00
WD	STJ	L14930-01	2/19/2009	Ru-106	6.00E+00	1.20E+01	4.30E+01
WD	STJ	L14930-01	2/19/2009	Sb-124	-2.40E+00	3.30E+00	1.30E+01
WD	STJ	L14930-01	2/19/2009	Sb-125	-7.00E-01	4.00E+00	1.40E+01
WD	STJ	L14930-01	2/19/2009	Se-75	-8.00E-01	1.70E+00	6.00E+00
WD	STJ	L14930-01	2/19/2009	Zn-65	-6.80E+00	3.60E+00	1.40E+01
WD	STJ	L14930-01	2/19/2009	Zr-95	-2.20E+00	2.60E+00	9.80E+00
WD	LTW	L14930-02	2/19/2009	AcTh-228	-3.40E+00	6.30E+00	2.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L14930-02	2/19/2009	Ag-108m	1.00E-01	1.10E+00	3.90E+00
WD	LTW	L14930-02	2/19/2009	Ag-110m	1.00E+00	1.60E+00	5.60E+00
WD	LTW	L14930-02	2/19/2009	Ba-140	5.00E-01	3.10E+00	1.10E+01
WD	LTW	L14930-02	2/19/2009	Be-7	-2.00E+01	1.20E+01	4.60E+01
WD	LTW	L14930-02	2/19/2009	Ce-141	-5.00E-01	2.40E+00	8.10E+00
WD	LTW	L14930-02	2/19/2009	Ce-144	7.00E+00	7.80E+00	2.60E+01
WD	LTW	L14930-02	2/19/2009	Co-57	9.00E-01	1.00E+00	3.50E+00
WD	LTW	L14930-02	2/19/2009	Co-58	-8.00E-01	1.40E+00	5.10E+00
WD	LTW	L14930-02	2/19/2009	Co-60	6.00E-01	1.60E+00	5.60E+00
WD	LTW	L14930-02	2/19/2009	Cr-51	-3.20E+01	1.40E+01	5.20E+01
WD	LTW	L14930-02	2/19/2009	Cs-134	1.30E+00	1.10E+00	4.90E+00
WD	LTW	L14930-02	2/19/2009	Cs-137	-1.90E+00	1.30E+00	5.10E+00
WD	LTW	L14930-02	2/19/2009	Fe-59	-6.20E+00	3.50E+00	1.40E+01
WD	LTW	L14930-02	2/19/2009	Gross Beta	6.20E+00	1.20E+00	3.00E+00 *
WD	LTW	L14930-02	2/19/2009	I-131	2.00E-01	2.20E-01	8.80E-01
WD	LTW	L14930-02	2/19/2009	K-40	3.20E+01	1.60E+01	5.20E+01
WD	LTW	L14930-02	2/19/2009	La-140	5.00E-01	3.10E+00	1.10E+01
WD	LTW	L14930-02	2/19/2009	Mn-54	-1.20E+00	1.30E+00	5.00E+00
WD	LTW	L14930-02	2/19/2009	Nb-95	2.40E+00	1.90E+00	6.40E+00
WD	LTW	L14930-02	2/19/2009	Ru-103	-8.00E-01	1.80E+00	6.40E+00
WD	LTW	L14930-02	2/19/2009	Ru-106	1.70E+01	1.30E+01	4.30E+01
WD	LTW	L14930-02	2/19/2009	Sb-124	4.50E+00	3.20E+00	1.10E+01
WD	LTW	L14930-02	2/19/2009	Sb-125	1.50E+00	3.40E+00	1.20E+01
WD	LTW	L14930-02	2/19/2009	Se-75	2.60E+00	1.80E+00	6.10E+00
WD	LTW	L14930-02	2/19/2009	Zn-65	-7.00E-01	4.60E+00	1.60E+01
WD	LTW	L14930-02	2/19/2009	Zr-95	-2.70E+00	2.50E+00	9.50E+00
WD	STJ	L14966-01	3/5/2009	AcTh-228	1.35E+01	6.70E+00	2.10E+01
WD	STJ	L14966-01	3/5/2009	Ag-108m	1.10E+00	1.40E+00	4.70E+00
WD	STJ	L14966-01	3/5/2009	Ag-110m	-2.60E+00	2.40E+00	9.20E+00
WD	STJ	L14966-01	3/5/2009	Ba-140	2.60E+00	3.90E+00	1.40E+01
WD	STJ	L14966-01	3/5/2009	Be-7	7.00E+00	1.50E+01	5.30E+01
WD	STJ	L14966-01	3/5/2009	Ce-141	-3.70E+00	2.60E+00	9.10E+00
WD	STJ	L14966-01	3/5/2009	Ce-144	1.69E+01	8.50E+00	2.80E+01
WD	STJ	L14966-01	3/5/2009	Co-57	-7.00E-01	1.10E+00	3.70E+00
WD	STJ	L14966-01	3/5/2009	Co-58	2.50E+00	1.80E+00	6.10E+00
WD	STJ	L14966-01	3/5/2009	Co-60	-2.70E+00	2.10E+00	8.40E+00
WD	STJ	L14966-01	3/5/2009	Cr-51	-1.00E+00	1.50E+01	5.30E+01
WD	STJ	L14966-01	3/5/2009	Cs-134	-1.20E+00	1.20E+00	6.00E+00
WD	STJ	L14966-01	3/5/2009	Cs-137	6.00E-01	1.70E+00	5.90E+00
WD	STJ	L14966-01	3/5/2009	Fe-59	8.40E+00	3.80E+00	1.20E+01
WD	STJ	L14966-01	3/5/2009	Gross Beta	2.70E+00	1.00E+00	3.20E+00
WD	STJ	L14966-01	3/5/2009	I-131	-1.23E-01	2.10E-02	9.50E-01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L14966-01	3/5/2009	K-40	4.80E+01	2.80E+01	9.00E+01
WD	STJ	L14966-01	3/5/2009	La-140	2.60E+00	3.90E+00	1.40E+01
WD	STJ	L14966-01	3/5/2009	Mn-54	-4.50E+00	1.90E+00	7.50E+00
WD	STJ	L14966-01	3/5/2009	Nb-95	-2.00E+00	2.10E+00	7.80E+00
WD	STJ	L14966-01	3/5/2009	Ru-103	-2.00E-01	2.00E+00	7.20E+00
WD	STJ	L14966-01	3/5/2009	Ru-106	-1.00E+01	1.50E+01	5.40E+01
WD	STJ	L14966-01	3/5/2009	Sb-124	3.60E+00	4.70E+00	1.70E+01
WD	STJ	L14966-01	3/5/2009	Sb-125	1.90E+00	4.20E+00	1.50E+01
WD	STJ	L14966-01	3/5/2009	Se-75	8.00E-01	1.80E+00	6.20E+00
WD	STJ	L14966-01	3/5/2009	Zn-65	-3.70E+00	4.20E+00	1.60E+01
WD	STJ	L14966-01	3/5/2009	Zr-95	-7.90E+00	3.10E+00	1.30E+01
WD	LTW	L14966-02	3/5/2009	AcTh-228	5.80E+00	6.40E+00	2.20E+01
WD	LTW	L14966-02	3/5/2009	Ag-108m	1.20E+00	1.30E+00	4.50E+00
WD	LTW	L14966-02	3/5/2009	Ag-110m	-1.60E+00	2.20E+00	8.40E+00
WD	LTW	L14966-02	3/5/2009	Ba-140	0.00E+00	3.90E+00	1.50E+01
WD	LTW	L14966-02	3/5/2009	Be-7	-1.10E+01	1.50E+01	5.40E+01
WD	LTW	L14966-02	3/5/2009	Ce-141	1.00E-01	2.70E+00	9.20E+00
WD	LTW	L14966-02	3/5/2009	Ce-144	0.00E+00	9.10E+00	3.10E+01
WD	LTW	L14966-02	3/5/2009	Co-57	2.10E+00	1.20E+00	3.90E+00
WD	LTW	L14966-02	3/5/2009	Co-58	-1.20E+00	1.70E+00	6.50E+00
WD	LTW	L14966-02	3/5/2009	Co-60	0.00E+00	1.50E+00	5.70E+00
WD	LTW	L14966-02	3/5/2009	Cr-51	-9.00E+00	1.50E+01	5.40E+01
WD	LTW	L14966-02	3/5/2009	Cs-134	-5.00E-01	1.40E+00	5.50E+00
WD	LTW	L14966-02	3/5/2009	Cs-137	-2.00E-01	1.60E+00	5.80E+00
WD	LTW	L14966-02	3/5/2009	Fe-59	6.00E-01	3.10E+00	1.10E+01
WD	LTW	L14966-02	3/5/2009	Gross Beta	4.10E+00	1.10E+00	3.30E+00 *
WD	LTW	L14966-02	3/5/2009	I-131	4.50E-01	2.90E-01	8.50E-01
WD	LTW	L14966-02	3/5/2009	K-40	-2.60E+01	2.10E+01	8.00E+01
WD	LTW	L14966-02	3/5/2009	La-140	0.00E+00	3.90E+00	1.50E+01
WD	LTW	L14966-02	3/5/2009	Mn-54	1.30E+00	1.70E+00	5.80E+00
WD	LTW	L14966-02	3/5/2009	Nb-95	-2.80E+00	2.20E+00	8.20E+00
WD	LTW	L14966-02	3/5/2009	Ru-103	0.00E+00	1.90E+00	6.80E+00
WD	LTW	L14966-02	3/5/2009	Ru-106	0.00E+00	1.50E+01	5.30E+01
WD	LTW	L14966-02	3/5/2009	Sb-124	-7.00E-01	4.80E+00	1.80E+01
WD	LTW	L14966-02	3/5/2009	Sb-125	-4.20E+00	4.10E+00	1.50E+01
WD	LTW	L14966-02	3/5/2009	Se-75	-1.10E+00	1.90E+00	6.70E+00
WD	LTW	L14966-02	3/5/2009	Zn-65	1.07E+01	6.30E+00	2.10E+01
WD	LTW	L14966-02	3/5/2009	Zr-95	-1.50E+00	3.10E+00	1.10E+01
WD	STJ	L15016-01	3/19/2009	AcTh-228	4.10E+00	6.80E+00	2.30E+01
WD	STJ	L15016-01	3/19/2009	Ag-108m	-1.40E+00	1.20E+00	4.50E+00
WD	STJ	L15016-01	3/19/2009	Ag-110m	-2.50E+00	2.20E+00	8.20E+00
WD	STJ	L15016-01	3/19/2009	Ba-140	8.60E+00	4.40E+00	1.40E+01

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15016-01	3/19/2009	Be-7	4.00E+00	1.30E+01	4.50E+01
WD	STJ	L15016-01	3/19/2009	Ce-141	-6.70E+00	2.20E+00	8.20E+00
WD	STJ	L15016-01	3/19/2009	Ce-144	6.10E+00	7.00E+00	2.30E+01
WD	STJ	L15016-01	3/19/2009	Co-57	-1.91E+00	9.00E-01	3.20E+00
WD	STJ	L15016-01	3/19/2009	Co-58	1.40E+00	1.50E+00	5.10E+00
WD	STJ	L15016-01	3/19/2009	Co-60	1.90E+00	1.80E+00	6.20E+00
WD	STJ	L15016-01	3/19/2009	Cr-51	-1.10E+01	1.40E+01	4.90E+01
WD	STJ	L15016-01	3/19/2009	Cs-134	2.30E+00	1.10E+00	4.20E+00
WD	STJ	L15016-01	3/19/2009	Cs-137	0.00E+00	1.50E+00	5.40E+00
WD	STJ	L15016-01	3/19/2009	Fe-59	3.40E+00	3.80E+00	1.30E+01
WD	STJ	L15016-01	3/19/2009	Gross Beta	3.40E+00	1.10E+00	3.30E+00 *
WD	STJ	L15016-01	3/19/2009	I-131	-4.00E-02	1.40E-01	8.90E-01
WD	STJ	L15016-01	3/19/2009	K-40	-1.70E+01	2.40E+01	8.90E+01
WD	STJ	L15016-01	3/19/2009	La-140	8.60E+00	4.40E+00	1.40E+01
WD	STJ	L15016-01	3/19/2009	Mn-54	6.00E-01	1.50E+00	5.30E+00
WD	STJ	L15016-01	3/19/2009	Nb-95	-2.40E+00	1.90E+00	7.00E+00
WD	STJ	L15016-01	3/19/2009	Ru-103	0.00E+00	1.70E+00	5.90E+00
WD	STJ	L15016-01	3/19/2009	Ru-106	0.00E+00	1.30E+01	4.70E+01
WD	STJ	L15016-01	3/19/2009	Sb-124	-3.40E+00	3.50E+00	1.40E+01
WD	STJ	L15016-01	3/19/2009	Sb-125	-3.70E+00	3.70E+00	1.30E+01
WD	STJ	L15016-01	3/19/2009	Se-75	2.30E+00	1.60E+00	5.30E+00
WD	STJ	L15016-01	3/19/2009	Zn-65	-2.80E+00	3.30E+00	1.30E+01
WD	STJ	L15016-01	3/19/2009	Zr-95	2.20E+00	2.80E+00	9.60E+00
WD	LTW	L15016-02	3/19/2009	AcTh-228	1.60E+00	5.90E+00	2.10E+01
WD	LTW	L15016-02	3/19/2009	Ag-108m	-6.00E-01	1.40E+00	5.10E+00
WD	LTW	L15016-02	3/19/2009	Ag-110m	8.00E-01	2.20E+00	7.80E+00
WD	LTW	L15016-02	3/19/2009	Ba-140	4.80E+00	3.30E+00	1.10E+01
WD	LTW	L15016-02	3/19/2009	Be-7	-4.00E+00	1.50E+01	5.30E+01
WD	LTW	L15016-02	3/19/2009	Ce-141	2.10E+00	2.90E+00	9.80E+00
WD	LTW	L15016-02	3/19/2009	Ce-144	-3.50E+00	9.50E+00	3.30E+01
WD	LTW	L15016-02	3/19/2009	Co-57	-3.00E-01	1.20E+00	4.10E+00
WD	LTW	L15016-02	3/19/2009	Co-58	-2.30E+00	1.70E+00	6.60E+00
WD	LTW	L15016-02	3/19/2009	Co-60	-8.00E-01	1.60E+00	6.20E+00
WD	LTW	L15016-02	3/19/2009	Cr-51	-3.20E+01	1.80E+01	6.60E+01
WD	LTW	L15016-02	3/19/2009	Cs-134	-1.00E-01	1.20E+00	5.60E+00
WD	LTW	L15016-02	3/19/2009	Cs-137	-2.50E+00	1.60E+00	6.20E+00
WD	LTW	L15016-02	3/19/2009	Fe-59	-4.20E+00	3.80E+00	1.50E+01
WD	LTW	L15016-02	3/19/2009	Gross Beta	2.60E+00	1.00E+00	3.20E+00
WD	LTW	L15016-02	3/19/2009	I-131	1.00E-01	2.00E-01	9.00E-01
WD	LTW	L15016-02	3/19/2009	K-40	-5.00E+00	2.40E+01	8.80E+01
WD	LTW	L15016-02	3/19/2009	La-140	4.80E+00	3.30E+00	1.10E+01
WD	LTW	L15016-02	3/19/2009	Mn-54	-9.00E-01	1.60E+00	5.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15016-02	3/19/2009	Nb-95	-1.40E+00	2.20E+00	8.20E+00
WD	LTW	L15016-02	3/19/2009	Ru-103	-3.60E+00	2.20E+00	8.10E+00
WD	LTW	L15016-02	3/19/2009	Ru-106	9.00E+00	1.60E+01	5.60E+01
WD	LTW	L15016-02	3/19/2009	Sb-124	1.50E+00	4.00E+00	1.50E+01
WD	LTW	L15016-02	3/19/2009	Sb-125	-6.00E+00	4.20E+00	1.60E+01
WD	LTW	L15016-02	3/19/2009	Se-75	1.70E+00	2.20E+00	7.50E+00
WD	LTW	L15016-02	3/19/2009	Zn-65	9.20E+00	6.90E+00	2.30E+01
WD	LTW	L15016-02	3/19/2009	Zr-95	1.10E+00	3.00E+00	1.00E+01
WD	STJ	L15069-01	4/2/2009	AcTh-228	4.00E-01	6.60E+00	2.40E+01
WD	STJ	L15069-01	4/2/2009	Ag-108m	-2.00E-01	1.60E+00	5.70E+00
WD	STJ	L15069-01	4/2/2009	Ag-110m	-3.90E+00	2.70E+00	1.10E+01
WD	STJ	L15069-01	4/2/2009	Ba-140	3.30E+00	3.50E+00	1.20E+01
WD	STJ	L15069-01	4/2/2009	Be-7	2.30E+01	1.50E+01	4.90E+01
WD	STJ	L15069-01	4/2/2009	Ce-141	1.50E+00	2.50E+00	8.60E+00
WD	STJ	L15069-01	4/2/2009	Ce-144	1.30E+01	1.10E+01	3.70E+01
WD	STJ	L15069-01	4/2/2009	Co-57	2.10E+00	1.30E+00	4.30E+00
WD	STJ	L15069-01	4/2/2009	Co-58	8.00E-01	1.50E+00	5.60E+00
WD	STJ	L15069-01	4/2/2009	Co-60	-7.00E-01	1.80E+00	7.20E+00
WD	STJ	L15069-01	4/2/2009	Cr-51	-5.00E+00	1.70E+01	6.20E+01
WD	STJ	L15069-01	4/2/2009	Cs-134	5.00E-01	1.40E+00	6.80E+00
WD	STJ	L15069-01	4/2/2009	Cs-137	-9.00E-01	1.90E+00	7.20E+00
WD	STJ	L15069-01	4/2/2009	Fe-59	5.70E+00	3.50E+00	1.10E+01
WD	STJ	L15069-01	4/2/2009	Gross Beta	2.80E+00	1.00E+00	3.10E+00
WD	STJ	L15069-01	4/2/2009	I-131	-2.20E-01	1.30E-01	8.20E-01
WD	STJ	L15069-01	4/2/2009	K-40	-3.00E+00	2.60E+01	9.60E+01
WD	STJ	L15069-01	4/2/2009	La-140	3.30E+00	3.50E+00	1.20E+01
WD	STJ	L15069-01	4/2/2009	Mn-54	-5.00E-01	1.60E+00	6.20E+00
WD	STJ	L15069-01	4/2/2009	Nb-95	1.00E+00	2.20E+00	7.90E+00
WD	STJ	L15069-01	4/2/2009	Ru-103	-3.20E+00	2.20E+00	8.30E+00
WD	STJ	L15069-01	4/2/2009	Ru-106	-3.10E+01	1.60E+01	6.40E+01
WD	STJ	L15069-01	4/2/2009	Sb-124	2.90E+00	3.80E+00	1.40E+01
WD	STJ	L15069-01	4/2/2009	Sb-125	-5.00E+00	4.70E+00	1.80E+01
WD	STJ	L15069-01	4/2/2009	Se-75	-1.30E+00	2.20E+00	7.90E+00
WD	STJ	L15069-01	4/2/2009	Zn-65	-3.00E+00	3.40E+00	1.40E+01
WD	STJ	L15069-01	4/2/2009	Zr-95	2.30E+00	3.20E+00	1.10E+01
WD	LTW	L15069-02	4/2/2009	AcTh-228	1.20E+00	6.00E+00	2.10E+01
WD	LTW	L15069-02	4/2/2009	Ag-108m	2.00E-01	1.10E+00	3.80E+00
WD	LTW	L15069-02	4/2/2009	Ag-110m	1.10E+00	2.20E+00	7.50E+00
WD	LTW	L15069-02	4/2/2009	Ba-140	-1.00E+00	3.10E+00	1.20E+01
WD	LTW	L15069-02	4/2/2009	Be-7	1.10E+01	1.20E+01	4.00E+01
WD	LTW	L15069-02	4/2/2009	Ce-141	-2.10E+00	2.40E+00	8.50E+00
WD	LTW	L15069-02	4/2/2009	Ce-144	-5.00E+00	8.00E+00	2.80E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15069-02	4/2/2009	Co-57	3.00E-01	1.00E+00	3.50E+00
WD	LTW	L15069-02	4/2/2009	Co-58	-8.00E-01	1.40E+00	5.20E+00
WD	LTW	L15069-02	4/2/2009	Co-60	2.00E-01	1.40E+00	5.00E+00
WD	LTW	L15069-02	4/2/2009	Cr-51	-1.10E+01	1.30E+01	4.50E+01
WD	LTW	L15069-02	4/2/2009	Cs-134	8.00E-01	1.20E+00	4.90E+00
WD	LTW	L15069-02	4/2/2009	Cs-137	-5.00E-01	1.40E+00	5.00E+00
WD	LTW	L15069-02	4/2/2009	Fe-59	2.90E+00	3.10E+00	1.10E+01
WD	LTW	L15069-02	4/2/2009	Gross Beta	2.38E+00	9.70E-01	3.00E+00
WD	LTW	L15069-02	4/2/2009	I-131	-2.10E-01	1.20E-01	7.80E-01
WD	LTW	L15069-02	4/2/2009	K-40	-3.70E+01	1.80E+01	7.00E+01
WD	LTW	L15069-02	4/2/2009	La-140	-1.00E+00	3.10E+00	1.20E+01
WD	LTW	L15069-02	4/2/2009	Mn-54	-1.40E+00	1.30E+00	5.00E+00
WD	LTW	L15069-02	4/2/2009	Nb-95	-2.00E+00	1.60E+00	6.00E+00
WD	LTW	L15069-02	4/2/2009	Ru-103	1.80E+00	1.60E+00	5.30E+00
WD	LTW	L15069-02	4/2/2009	Ru-106	-5.00E+00	1.20E+01	4.40E+01
WD	LTW	L15069-02	4/2/2009	Sb-124	-3.30E+00	3.20E+00	1.30E+01
WD	LTW	L15069-02	4/2/2009	Sb-125	-2.50E+00	3.50E+00	1.30E+01
WD	LTW	L15069-02	4/2/2009	Se-75	-1.20E+00	1.70E+00	5.90E+00
WD	LTW	L15069-02	4/2/2009	Zn-65	1.40E+00	3.80E+00	1.30E+01
WD	LTW	L15069-02	4/2/2009	Zr-95	-2.60E+00	2.40E+00	9.20E+00
WD	STJ	L15116-01	4/16/2009	AcTh-228	-1.50E+01	5.20E+00	2.10E+01
WD	STJ	L15116-01	4/16/2009	Ag-108m	5.00E-01	1.10E+00	3.90E+00
WD	STJ	L15116-01	4/16/2009	Ag-110m	-1.80E+00	1.80E+00	6.70E+00
WD	STJ	L15116-01	4/16/2009	Ba-140	-3.60E+00	3.50E+00	1.30E+01
WD	STJ	L15116-01	4/16/2009	Be-7	-2.00E+00	1.10E+01	4.10E+01
WD	STJ	L15116-01	4/16/2009	Ce-141	-1.00E+00	1.80E+00	6.40E+00
WD	STJ	L15116-01	4/16/2009	Ce-144	-1.58E+01	7.60E+00	2.70E+01
WD	STJ	L15116-01	4/16/2009	Co-57	1.32E+00	9.30E-01	3.10E+00
WD	STJ	L15116-01	4/16/2009	Co-58	1.00E-01	1.30E+00	4.60E+00
WD	STJ	L15116-01	4/16/2009	Co-60	-1.50E+00	1.60E+00	5.90E+00
WD	STJ	L15116-01	4/16/2009	Cr-51	0.00E+00	1.30E+01	4.50E+01
WD	STJ	L15116-01	4/16/2009	Cs-134	1.50E+00	1.20E+00	5.20E+00
WD	STJ	L15116-01	4/16/2009	Cs-137	5.00E-01	1.20E+00	4.20E+00
WD	STJ	L15116-01	4/16/2009	Fe-59	-9.00E-01	3.20E+00	1.20E+01
WD	STJ	L15116-01	4/16/2009	Gross Beta	5.00E+00	1.20E+00	3.10E+00 *
WD	STJ	L15116-01	4/16/2009	I-131	-2.90E-01	1.10E-01	7.70E-01
WD	STJ	L15116-01	4/16/2009	K-40	1.40E+01	2.40E+01	8.10E+01
WD	STJ	L15116-01	4/16/2009	La-140	-3.60E+00	3.50E+00	1.30E+01
WD	STJ	L15116-01	4/16/2009	Mn-54	0.00E+00	1.20E+00	4.40E+00
WD	STJ	L15116-01	4/16/2009	Nb-95	-2.00E-01	1.80E+00	6.50E+00
WD	STJ	L15116-01	4/16/2009	Ru-103	-2.60E+00	1.70E+00	6.10E+00
WD	STJ	L15116-01	4/16/2009	Ru-106	0.00E+00	1.30E+01	4.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15116-01	4/16/2009	Sb-124	4.70E+00	3.40E+00	1.10E+01
WD	STJ	L15116-01	4/16/2009	Sb-125	-5.00E-01	3.40E+00	1.20E+01
WD	STJ	L15116-01	4/16/2009	Se-75	2.00E+00	1.70E+00	5.60E+00
WD	STJ	L15116-01	4/16/2009	Zn-65	4.00E-01	2.90E+00	1.00E+01
WD	STJ	L15116-01	4/16/2009	Zr-95	-2.50E+00	2.20E+00	8.40E+00
WD	LTW	L15116-02	4/16/2009	AcTh-228	-1.30E+00	5.70E+00	2.00E+01
WD	LTW	L15116-02	4/16/2009	Ag-108m	-2.00E-01	1.10E+00	3.80E+00
WD	LTW	L15116-02	4/16/2009	Ag-110m	1.90E+00	1.80E+00	6.20E+00
WD	LTW	L15116-02	4/16/2009	Ba-140	3.00E+00	2.90E+00	1.00E+01
WD	LTW	L15116-02	4/16/2009	Be-7	-6.00E+00	1.10E+01	3.80E+01
WD	LTW	L15116-02	4/16/2009	Ce-141	2.10E+00	2.20E+00	7.30E+00
WD	LTW	L15116-02	4/16/2009	Ce-144	-2.60E+00	7.10E+00	2.50E+01
WD	LTW	L15116-02	4/16/2009	Co-57	1.40E+00	9.40E-01	3.10E+00
WD	LTW	L15116-02	4/16/2009	Co-58	8.00E-01	1.20E+00	4.20E+00
WD	LTW	L15116-02	4/16/2009	Co-60	1.60E+00	1.40E+00	4.60E+00
WD	LTW	L15116-02	4/16/2009	Cr-51	-2.30E+01	1.10E+01	4.20E+01
WD	LTW	L15116-02	4/16/2009	Cs-134	-1.01E+00	9.20E-01	4.70E+00
WD	LTW	L15116-02	4/16/2009	Cs-137	-1.20E+00	1.30E+00	4.70E+00
WD	LTW	L15116-02	4/16/2009	Fe-59	-2.00E+00	2.90E+00	1.10E+01
WD	LTW	L15116-02	4/16/2009	Gross Beta	3.10E+00	1.00E+00	3.10E+00
WD	LTW	L15116-02	4/16/2009	I-131	0.00E+00	1.60E-01	6.80E-01
WD	LTW	L15116-02	4/16/2009	K-40	-8.00E+00	1.90E+01	7.00E+01
WD	LTW	L15116-02	4/16/2009	La-140	3.00E+00	2.90E+00	1.00E+01
WD	LTW	L15116-02	4/16/2009	Mn-54	-1.50E+00	1.20E+00	4.70E+00
WD	LTW	L15116-02	4/16/2009	Nb-95	1.30E+00	1.60E+00	5.40E+00
WD	LTW	L15116-02	4/16/2009	Ru-103	-1.00E-01	1.50E+00	5.20E+00
WD	LTW	L15116-02	4/16/2009	Ru-106	9.00E+00	1.10E+01	3.60E+01
WD	LTW	L15116-02	4/16/2009	Sb-124	2.50E+00	3.50E+00	1.20E+01
WD	LTW	L15116-02	4/16/2009	Sb-125	4.90E+00	3.20E+00	1.10E+01
WD	LTW	L15116-02	4/16/2009	Se-75	-3.00E-01	1.50E+00	5.20E+00
WD	LTW	L15116-02	4/16/2009	Zn-65	-6.00E-01	2.90E+00	1.00E+01
WD	LTW	L15116-02	4/16/2009	Zr-95	6.00E-01	2.50E+00	8.70E+00
WD	STJ	L15187-01	4/30/2009	AcTh-228	-4.30E+00	5.50E+00	2.00E+01
WD	STJ	L15187-01	4/30/2009	Ag-108m	-1.10E+00	1.00E+00	3.70E+00
WD	STJ	L15187-01	4/30/2009	Ag-110m	8.00E-01	1.90E+00	6.70E+00
WD	STJ	L15187-01	4/30/2009	Ba-140	-6.00E-01	4.00E+00	1.50E+01
WD	STJ	L15187-01	4/30/2009	Be-7	2.00E+00	1.10E+01	4.00E+01
WD	STJ	L15187-01	4/30/2009	Ce-141	-1.30E+00	1.90E+00	6.60E+00
WD	STJ	L15187-01	4/30/2009	Ce-144	-8.10E+00	6.60E+00	2.30E+01
WD	STJ	L15187-01	4/30/2009	Co-57	-2.60E-01	7.80E-01	2.70E+00
WD	STJ	L15187-01	4/30/2009	Co-58	2.80E+00	1.30E+00	4.30E+00
WD	STJ	L15187-01	4/30/2009	Co-60	1.00E+00	1.30E+00	4.70E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15187-01	4/30/2009	Cr-51	-3.00E+00	1.40E+01	4.90E+01
WD	STJ	L15187-01	4/30/2009	Cs-134	6.00E-01	1.10E+00	4.50E+00
WD	STJ	L15187-01	4/30/2009	Cs-137	-2.00E+00	1.40E+00	5.10E+00
WD	STJ	L15187-01	4/30/2009	Fe-59	2.60E+00	2.90E+00	1.00E+01
WD	STJ	L15187-01	4/30/2009	Gross Beta	2.10E+00	1.00E+00	3.20E+00
WD	STJ	L15187-01	4/30/2009	I-131	-2.40E-01	1.30E-01	8.40E-01
WD	STJ	L15187-01	4/30/2009	K-40	8.00E+00	2.10E+01	7.40E+01
WD	STJ	L15187-01	4/30/2009	La-140	-6.00E-01	4.00E+00	1.50E+01
WD	STJ	L15187-01	4/30/2009	Mn-54	3.00E+00	1.30E+00	4.00E+00
WD	STJ	L15187-01	4/30/2009	Nb-95	3.10E+00	1.60E+00	5.10E+00
WD	STJ	L15187-01	4/30/2009	Ru-103	-2.80E+00	1.30E+00	5.10E+00
WD	STJ	L15187-01	4/30/2009	Ru-106	-1.00E+00	1.30E+01	4.50E+01
WD	STJ	L15187-01	4/30/2009	Sb-124	6.00E-01	4.20E+00	1.50E+01
WD	STJ	L15187-01	4/30/2009	Sb-125	5.00E-01	3.40E+00	1.20E+01
WD	STJ	L15187-01	4/30/2009	Se-75	3.00E-01	1.40E+00	4.70E+00
WD	STJ	L15187-01	4/30/2009	Zn-65	-1.00E+00	2.90E+00	1.10E+01
WD	STJ	L15187-01	4/30/2009	Zr-95	5.00E+00	2.40E+00	7.80E+00
WD	LTW	L15187-02	4/30/2009	AcTh-228	5.20E+00	4.20E+00	1.80E+01
WD	LTW	L15187-02	4/30/2009	Ag-108m	1.60E+00	1.10E+00	3.50E+00
WD	LTW	L15187-02	4/30/2009	Ag-110m	-4.00E-01	1.80E+00	6.50E+00
WD	LTW	L15187-02	4/30/2009	Ba-140	-5.90E+00	3.60E+00	1.50E+01
WD	LTW	L15187-02	4/30/2009	Be-7	-1.50E+01	1.10E+01	4.20E+01
WD	ETW	L15187-02	4/30/2009	Ce-141	-6.50E+00	2.30E+00	8.60E+00
WD	LTW	L15187-02	4/30/2009	Ce-144	-5.40E+00	7.80E+00	2.70E+01
WD	LTW	L15187-02	4/30/2009	Co-57	4.30E-01	9.70E-01	3.30E+00
WD	LTW	L15187-02	4/30/2009	Co-58	-1.10E+00	1.40E+00	5.20E+00
WD	LTW	L15187-02	4/30/2009	Co-60	0.00E+00	1.50E+00	5.50E+00
WD	LTW	L15187-02	4/30/2009	Cr-51	1.00E+00	1.40E+01	4.90E+01
WD	LTW	L15187-02	4/30/2009	Cs-134	-1.27E+00	9.90E-01	4.80E+00
WD	LTW	L15187-02	4/30/2009	Cs-137	2.00E-01	1.20E+00	4.30E+00
WD	LTW	L15187-02	4/30/2009	Fe-59	3.10E+00	3.30E+00	1.10E+01
WD	LTW	L15187-02	4/30/2009	Gross Beta	2.00E+00	1.00E+00	3.10E+00
WD	LTW	L15187-02	4/30/2009	I-131	-2.10E-01	1.30E-01	8.40E-01
WD	LTW	L15187-02	4/30/2009	K-40	-1.90E+01	2.20E+01	8.20E+01
WD	LTW	L15187-02	4/30/2009	La-140	-5.90E+00	3.60E+00	1.50E+01
WD	LTW	L15187-02	4/30/2009	Mn-54	-1.80E+00	1.40E+00	5.10E+00
WD	LTW	L15187-02	4/30/2009	Nb-95	2.00E-01	1.80E+00	6.40E+00
WD	LTW	L15187-02	4/30/2009	Ru-103	-2.70E+00	1.70E+00	6.30E+00
WD	LTW	L15187-02	4/30/2009	Ru-106	-2.10E+01	1.40E+01	5.10E+01
WD	LTW	L15187-02	4/30/2009	Sb-124	-1.10E+00	3.20E+00	1.20E+01
WD	LTW	L15187-02	4/30/2009	Sb-125	3.40E+00	3.20E+00	1.10E+01
WD	LTW	L15187-02	4/30/2009	Se-75	-5.00E-01	1.70E+00	5.80E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower-Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15187-02	4/30/2009	Zn-65	-2.90E+00	2.60E+00	1.00E+01
WD	LTW	L15187-02	4/30/2009	Zr-95	2.90E+00	2.80E+00	9.30E+00
WD	STJ	L15231-01	5/14/2009	AcTh-228	-3.30E+00	4.70E+00	1.70E+01
WD	STJ	L15231-01	5/14/2009	Ag-108m	-4.00E-01	1.00E+00	3.50E+00
WD	STJ	L15231-01	5/14/2009	Ag-110m	1.20E+00	1.70E+00	6.00E+00
WD	STJ	L15231-01	5/14/2009	Ba-140	7.00E-01	3.10E+00	1.10E+01
WD	STJ	L15231-01	5/14/2009	Be-7	-2.00E+00	1.00E+01	3.70E+01
WD	STJ	L15231-01	5/14/2009	Ce-141	-5.80E+00	2.30E+00	8.00E+00
WD	STJ	L15231-01	5/14/2009	Ce-144	3.70E+00	7.20E+00	2.40E+01
WD	STJ	L15231-01	5/14/2009	Co-57	6.20E-01	9.20E-01	3.10E+00
WD	STJ	L15231-01	5/14/2009	Co-58	-3.10E+00	1.30E+00	5.10E+00
WD	STJ	L15231-01	5/14/2009	Co-60	-1.50E+00	1.20E+00	4.60E+00
WD	STJ	L15231-01	5/14/2009	Cr-51	7.00E+00	1.20E+01	4.10E+01
WD	STJ	L15231-01	5/14/2009	Cs-134	2.30E+00	1.20E+00	4.10E+00
WD	STJ	L15231-01	5/14/2009	Cs-137	0.00E+00	1.30E+00	4.50E+00
WD	STJ	L15231-01	5/14/2009	Fe-59	-2.00E-01	2.50E+00	8.80E+00
WD	STJ	L15231-01	5/14/2009	Gross Beta	2.58E+00	9.90E-01	3.00E+00
WD	STJ	L15231-01	5/14/2009	I-131	-2.00E-01	2.80E-02	8.80E-01
WD	STJ	L15231-01	5/14/2009	K-40	-1.80E+01	1.50E+01	5.70E+01
WD	STJ	L15231-01	5/14/2009	La-140	7.00E-01	3.10E+00	1.10E+01
WD	STJ	L15231-01	5/14/2009	Mn-54	7.00E-01	1.10E+00	3.70E+00
WD	STJ	L15231-01	5/14/2009	Nb-95	-9.00E-01	2.20E+00	7.60E+00
WD	STJ	L15231-01	5/14/2009	Ru-103	-3.20E+00	1.50E+00	5.50E+00
WD	STJ	L15231-01	5/14/2009	Ru-106	1.00E+00	1.10E+01	3.80E+01
WD	STJ	L15231-01	5/14/2009	Sb-124	2.30E+00	3.30E+00	1.20E+01
WD	STJ	L15231-01	5/14/2009	Sb-125	-9.00E-01	3.30E+00	1.20E+01
WD	STJ	L15231-01	5/14/2009	Se-75	-1.60E+00	1.50E+00	5.20E+00
WD	STJ	L15231-01	5/14/2009	Zn-65	1.12E+01	5.10E+00	1.60E+01
WD	STJ	L15231-01	5/14/2009	Zr-95	-8.00E-01	2.30E+00	8.10E+00
WD	LTW	L15231-02	5/14/2009	AcTh-228	-1.03E+01	4.80E+00	1.80E+01
WD	LTW	L15231-02	5/14/2009	Ag-108m	-4.00E-01	9.60E-01	3.40E+00
WD	LTW	L15231-02	5/14/2009	Ag-110m	-6.00E-01	1.60E+00	5.70E+00
WD	LTW	L15231-02	5/14/2009	Ba-140	-1.60E+00	2.80E+00	1.10E+01
WD	LTW	L15231-02	5/14/2009	Be-7	-1.60E+01	1.00E+01	3.80E+01
WD	LTW	L15231-02	5/14/2009	Ce-141	-2.10E+00	2.40E+00	8.40E+00
WD	LTW	L15231-02	5/14/2009	Ce-144	7.80E+00	7.10E+00	2.40E+01
WD	LTW	L15231-02	5/14/2009	Co-57	1.06E+00	9.00E-01	3.00E+00
WD	LTW	L15231-02	5/14/2009	Co-58	1.20E+00	1.30E+00	4.60E+00
WD	LTW	L15231-02	5/14/2009	Co-60	-1.80E+00	1.20E+00	4.50E+00
WD	LTW	L15231-02	5/14/2009	Cr-51	1.00E+00	1.30E+01	4.40E+01
WD	LTW	L15231-02	5/14/2009	Cs-134	3.00E+00	1.40E+00	4.50E+00
WD	LTW	L15231-02	5/14/2009	Cs-137	1.40E+00	1.20E+00	4.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15231-02	5/14/2009	Fe-59	-2.00E+00	2.90E+00	1.10E+01
WD	LTW	L15231-02	5/14/2009	Gross Beta	2.40E+00	1.00E+00	3.20E+00
WD	LTW	L15231-02	5/14/2009	I-131	7.00E-02	1.90E-01	8.90E-01
WD	LTW	L15231-02	5/14/2009	K-40	-1.20E+01	1.80E+01	6.40E+01
WD	LTW	L15231-02	5/14/2009	La-140	-1.60E+00	2.80E+00	1.10E+01
WD	LTW	L15231-02	5/14/2009	Mn-54	-2.00E+00	1.10E+00	4.30E+00
WD	LTW	L15231-02	5/14/2009	Nb-95	1.90E+00	1.80E+00	6.00E+00
WD	LTW	L15231-02	5/14/2009	Ru-103	-3.00E+00	1.50E+00	5.60E+00
WD	LTW	L15231-02	5/14/2009	Ru-106	1.20E+00	9.90E+00	3.50E+01
WD	LTW	L15231-02	5/14/2009	Sb-124	3.70E+00	2.70E+00	9.20E+00
WD	LTW	L15231-02	5/14/2009	Sb-125	3.70E+00	3.10E+00	1.00E+01
WD	LTW	L15231-02	5/14/2009	Se-75	-4.00E-01	1.50E+00	5.10E+00
WD	LTW	L15231-02	5/14/2009	Zn-65	4.00E+00	4.90E+00	1.70E+01
WD	LTW	L15231-02	5/14/2009	Zr-95	-2.30E+00	2.40E+00	8.90E+00
WD	STJ	L15279-01	5/28/2009	AcTh-228	-1.16E+01	5.30E+00	2.10E+01
WD	STJ	L15279-01	5/28/2009	Ag-108m	-1.10E+00	1.20E+00	4.50E+00
WD	STJ	L15279-01	5/28/2009	Ag-110m	1.20E+00	2.20E+00	7.60E+00
WD	STJ	L15279-01	5/28/2009	Ba-140	-3.20E+00	3.50E+00	1.40E+01
WD	STJ	L15279-01	5/28/2009	Be-7	-9.00E+00	1.30E+01	4.60E+01
WD	STJ	L15279-01	5/28/2009	Ce-141	6.00E-01	2.50E+00	8.50E+00
WD	STJ	L15279-01	5/28/2009	Ce-144	1.80E+00	8.10E+00	2.80E+01
WD	STJ	L15279-01	5/28/2009	Co-57	5.00E-01	1.10E+00	3.70E+00
WD	STJ	L15279-01	5/28/2009	Co-58	1.50E+00	1.40E+00	4.80E+00
WD	STJ	L15279-01	5/28/2009	Co-60	0.00E+00	1.50E+00	5.50E+00
WD	STJ	L15279-01	5/28/2009	Cr-51	1.20E+01	1.30E+01	4.40E+01
WD	STJ	L15279-01	5/28/2009	Cs-134	1.20E+00	1.20E+00	5.00E+00
WD	STJ	L15279-01	5/28/2009	Cs-137	-1.90E+00	1.50E+00	5.60E+00
WD	STJ	L15279-01	5/28/2009	Fe-59	8.00E-01	2.90E+00	1.00E+01
WD	STJ	L15279-01	5/28/2009	Gross Beta	2.14E+00	9.80E-01	3.10E+00
WD	STJ	L15279-01	5/28/2009	I-131	-1.38E-01	2.50E-02	8.10E-01
WD	STJ	L15279-01	5/28/2009	K-40	-1.00E+00	2.20E+01	8.00E+01
WD	STJ	L15279-01	5/28/2009	La-140	-3.20E+00	3.50E+00	1.40E+01
WD	STJ	L15279-01	5/28/2009	Mn-54	1.40E+00	1.30E+00	4.30E+00
WD	STJ	L15279-01	5/28/2009	Nb-95	-8.00E-01	1.80E+00	6.40E+00
WD	STJ	L15279-01	5/28/2009	Ru-103	-1.00E+00	1.60E+00	5.80E+00
WD	STJ	L15279-01	5/28/2009	Ru-106	-1.10E+01	1.30E+01	4.80E+01
WD	STJ	L15279-01	5/28/2009	Sb-124	1.80E+00	4.00E+00	1.40E+01
WD	STJ	L15279-01	5/28/2009	Sb-125	-3.00E-01	4.10E+00	1.40E+01
WD	STJ	L15279-01	5/28/2009	Se-75	9.00E-01	1.60E+00	5.50E+00
WD	STJ	L15279-01	5/28/2009	Zn-65	-6.10E+00	3.50E+00	1.30E+01
WD	STJ	L15279-01	5/28/2009	Zr-95	-2.20E+00	2.50E+00	9.40E+00
WD	LTW	L15279-02	5/28/2009	AcTh-228	-6.30E+00	5.50E+00	2.00E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15279-02	5/28/2009	Ag-108m	0.00E+00	9.80E-01	3.40E+00
WD	LTW	L15279-02	5/28/2009	Ag-110m	1.40E+00	1.60E+00	5.60E+00
WD	LTW	L15279-02	5/28/2009	Ba-140	-2.80E+00	3.70E+00	1.40E+01
WD	LTW	L15279-02	5/28/2009	Be-7	4.00E+00	1.10E+01	3.70E+01
WD	LTW	L15279-02	5/28/2009	Ce-141	3.00E-01	2.00E+00	6.70E+00
WD	LTW	L15279-02	5/28/2009	Ce-144	9.60E+00	5.90E+00	1.90E+01
WD	LTW	L15279-02	5/28/2009	Co-57	-1.44E+00	7.40E-01	2.60E+00
WD	LTW	L15279-02	5/28/2009	Co-58	-2.10E+00	1.40E+00	5.20E+00
WD	LTW	L15279-02	5/28/2009	Co-60	-4.00E-01	1.50E+00	5.50E+00
WD	LTW	L15279-02	5/28/2009	Cr-51	2.00E+01	1.10E+01	3.50E+01
WD	LTW	L15279-02	5/28/2009	Cs-134	5.00E-01	1.10E+00	4.30E+00
WD	LTW	L15279-02	5/28/2009	Cs-137	2.00E-01	1.40E+00	4.80E+00
WD	LTW	L15279-02	5/28/2009	Fe-59	-2.90E+00	3.30E+00	1.20E+01
WD	LTW	L15279-02	5/28/2009	Gross Beta	4.00E+00	1.10E+00	3.10E+00 *
WD	LTW	L15279-02	5/28/2009	I-131	-1.37E-01	2.50E-02	8.00E-01
WD	LTW	L15279-02	5/28/2009	K-40	1.20E+01	2.20E+01	7.60E+01
WD	LTW	L15279-02	5/28/2009	La-140	-2.80E+00	3.70E+00	1.40E+01
WD	LTW	L15279-02	5/28/2009	Mn-54	2.00E+00	1.30E+00	4.30E+00
WD	LTW	L15279-02	5/28/2009	Nb-95	-2.00E-01	1.60E+00	5.60E+00
WD	LTW	L15279-02	5/28/2009	Ru-103	-9.00E-01	1.40E+00	5.00E+00
WD	LTW	L15279-02	5/28/2009	Ru-106	9.00E+00	1.10E+01	3.80E+01
WD	LTW	L15279-02	5/28/2009	Sb-124	-6.30E+00	3.90E+00	1.60E+01
WD	LTW	L15279-02	5/28/2009	Sb-125	7.00E+00	3.10E+00	1.00E+01
WD	LTW	L15279-02	5/28/2009	Se-75	-2.60E+00	1.30E+00	4.60E+00
WD	LTW	L15279-02	5/28/2009	Zn-65	1.00E-01	3.00E+00	1.10E+01
WD	LTW	L15279-02	5/28/2009	Zr-95	-8.00E-01	2.20E+00	7.90E+00
WD	STJ	L15323-01	6/11/2009	AcTh-228	8.00E-01	6.90E+00	2.50E+01
WD	STJ	L15323-01	6/11/2009	Ag-108m	-1.90E+00	1.40E+00	5.30E+00
WD	STJ	L15323-01	6/11/2009	Ag-110m	-3.00E-01	2.60E+00	9.30E+00
WD	STJ	L15323-01	6/11/2009	Ba-140	2.90E+00	3.90E+00	1.40E+01
WD	STJ	L15323-01	6/11/2009	Be-7	4.00E+00	1.50E+01	5.40E+01
WD	STJ	L15323-01	6/11/2009	Ce-141	-7.00E-01	2.80E+00	9.70E+00
WD	STJ	L15323-01	6/11/2009	Ce-144	-4.80E+00	9.20E+00	3.20E+01
WD	STJ	L15323-01	6/11/2009	Co-57	3.00E-01	1.10E+00	3.90E+00
WD	STJ	L15323-01	6/11/2009	Co-58	-2.00E-01	1.50E+00	5.70E+00
WD	STJ	L15323-01	6/11/2009	Co-60	-8.00E-01	1.30E+00	5.50E+00
WD	STJ	L15323-01	6/11/2009	Cr-51	-1.00E+00	1.50E+01	5.50E+01
WD	STJ	L15323-01	6/11/2009	Cs-134	6.00E-01	1.50E+00	7.20E+00
WD	STJ	L15323-01	6/11/2009	Cs-137	-1.90E+00	1.90E+00	7.10E+00
WD	STJ	L15323-01	6/11/2009	Fe-59	1.70E+00	3.30E+00	1.20E+01
WD	STJ	L15323-01	6/11/2009	Gross Beta	4.10E+00	1.10E+00	3.00E+00 *
WD	STJ	L15323-01	6/11/2009	I-131	-1.70E-01	1.70E-01	8.80E-01

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15323-01	6/11/2009	K-40	2.30E+01	2.50E+01	8.70E+01
WD	STJ	L15323-01	6/11/2009	La-140	2.90E+00	3.90E+00	1.40E+01
WD	STJ	L15323-01	6/11/2009	Mn-54	-1.40E+00	1.60E+00	6.10E+00
WD	STJ	L15323-01	6/11/2009	Nb-95	1.30E+00	1.70E+00	6.00E+00
WD	STJ	L15323-01	6/11/2009	Ru-103	2.00E-01	1.80E+00	6.60E+00
WD	STJ	L15323-01	6/11/2009	Ru-106	-2.00E+00	1.50E+01	5.30E+01
WD	STJ	L15323-01	6/11/2009	Sb-124	-4.80E+00	3.90E+00	1.70E+01
WD	STJ	L15323-01	6/11/2009	Sb-125	-2.60E+00	3.90E+00	1.40E+01
WD	STJ	L15323-01	6/11/2009	Se-75	-2.00E-01	1.70E+00	6.10E+00
WD	STJ	L15323-01	6/11/2009	Zn-65	-2.50E+00	3.70E+00	1.40E+01
WD	STJ	L15323-01	6/11/2009	Zr-95	-3.50E+00	2.80E+00	1.10E+01
WD	LTW	L15323-02	6/11/2009	AcTh-228	9.60E+00	5.80E+00	1.90E+01
WD	LTW	L15323-02	6/11/2009	Ag-108m	6.00E-01	1.20E+00	4.20E+00
WD	LTW	L15323-02	6/11/2009	Ag-110m	-1.90E+00	2.40E+00	8.70E+00
WD	LTW	L15323-02	6/11/2009	Ba-140	3.70E+00	3.80E+00	1.30E+01
WD	LTW	L15323-02	6/11/2009	Be-7	-2.40E+01	1.40E+01	5.20E+01
WD	LTW	L15323-02	6/11/2009	Ce-141	-6.10E+00	2.80E+00	1.00E+01
WD	LTW	L15323-02	6/11/2009	Ce-144	1.00E-01	8.40E+00	2.90E+01
WD	LTW	L15323-02	6/11/2009	Co-57	5.00E-01	1.10E+00	3.70E+00
WD	LTW	L15323-02	6/11/2009	Co-58	-1.30E+00	1.60E+00	5.90E+00
WD	LTW	L15323-02	6/11/2009	Co-60	-2.00E-01	1.80E+00	6.50E+00
WD	LTW	L15323-02	6/11/2009	Cr-51	-1.00E+00	1.80E+01	6.10E+01
WD	LTW	L15323-02	6/11/2009	Cs-134	-9.00E-01	1.20E+00	5.60E+00
WD	LTW	L15323-02	6/11/2009	Cs-137	-2.00E+00	1.40E+00	5.30E+00
WD	LTW	L15323-02	6/11/2009	Fe-59	-1.00E-01	3.40E+00	1.20E+01
WD	LTW	L15323-02	6/11/2009	Gross Beta	1.44E+00	9.80E-01	3.20E+00
WD	LTW	L15323-02	6/11/2009	I-131	-4.15E-01	6.30E-02	9.70E-01
WD	LTW	L15323-02	6/11/2009	K-40	-8.00E+00	2.30E+01	8.30E+01
WD	LTW	L15323-02	6/11/2009	La-140	3.70E+00	3.80E+00	1.30E+01
WD	LTW	L15323-02	6/11/2009	Mn-54	2.40E+00	1.50E+00	5.00E+00
WD	LTW	L15323-02	6/11/2009	Nb-95	-2.90E+00	2.10E+00	7.80E+00
WD	LTW	L15323-02	6/11/2009	Ru-103	-6.00E-01	1.90E+00	6.70E+00
WD	LTW	L15323-02	6/11/2009	Ru-106	0.00E+00	1.30E+01	4.70E+01
WD	LTW	L15323-02	6/11/2009	Sb-124	2.00E+00	3.70E+00	1.30E+01
WD	LTW	L15323-02	6/11/2009	Sb-125	-4.90E+00	3.50E+00	1.30E+01
WD	LTW	L15323-02	6/11/2009	Se-75	2.00E+00	2.00E+00	6.70E+00
WD	LTW	L15323-02	6/11/2009	Zn-65	3.20E+00	6.60E+00	2.30E+01
WD	LTW	L15323-02	6/11/2009	Zr-95	4.00E+00	2.90E+00	9.70E+00
WD	STJ	L15373-01	6/25/2009	AcTh-228	4.10E+00	3.20E+00	1.20E+01
WD	STJ	L15373-01	6/25/2009	Ag-108m	9.30E-01	6.80E-01	2.20E+00
WD	STJ	L15373-01	6/25/2009	Ag-110m	1.00E+00	1.30E+00	4.30E+00
WD	STJ	L15373-01	6/25/2009	Ba-140	-6.80E+00	3.90E+00	1.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WD	STJ	L15373-01	6/25/2009	Be-7	5.40E+00	7.90E+00	2.70E+01
WD	STJ	L15373-01	6/25/2009	Ce-141	-1.60E+00	1.80E+00	6.00E+00
WD	STJ	L15373-01	6/25/2009	Ce-144	2.60E+00	4.30E+00	1.40E+01
WD	STJ	L15373-01	6/25/2009	Co-57	4.90E-01	5.50E-01	1.80E+00
WD	STJ	L15373-01	6/25/2009	Co-58	2.00E-01	1.10E+00	3.60E+00
WD	STJ	L15373-01	6/25/2009	Co-60	1.00E+00	1.10E+00	3.70E+00
WD	STJ	L15373-01	6/25/2009	Cr-51	-1.40E+00	9.40E+00	3.20E+01
WD	STJ	L15373-01	6/25/2009	Cs-134	-4.50E-01	6.30E-01	3.10E+00
WD	STJ	L15373-01	6/25/2009	Cs-137	-6.70E-01	9.50E-01	3.30E+00
WD	STJ	L15373-01	6/25/2009	Fe-59	2.00E+00	2.50E+00	8.50E+00
WD	STJ	L15373-01	6/25/2009	Gross Beta	4.80E+00	1.10E+00	2.90E+00 *
WD	STJ	L15373-01	6/25/2009	I-131	-1.68E-01	2.60E-02	9.80E-01
WD	STJ	L15373-01	6/25/2009	K-40	2.00E+01	1.60E+01	5.30E+01
WD	STJ	L15373-01	6/25/2009	La-140	-6.80E+00	3.90E+00	1.50E+01
WD	STJ	L15373-01	6/25/2009	Mn-54	-7.30E-01	8.90E-01	3.20E+00
WD	STJ	L15373-01	6/25/2009	Nb-95	1.00E+00	1.20E+00	3.90E+00
WD	STJ	L15373-01	6/25/2009	Ru-103	-1.50E+00	1.10E+00	3.90E+00
WD	STJ	L15373-01	6/25/2009	Ru-106	-1.32E+01	8.00E+00	2.90E+01
WD	STJ	L15373-01	6/25/2009	Sb-124	5.80E+00	3.30E+00	1.10E+01
WD	STJ	L15373-01	6/25/2009	Sb-125	1.50E+00	2.10E+00	7.10E+00
WD	STJ	L15373-01	6/25/2009	Se-75	-6.10E-01	9.20E-01	3.20E+00
WD	STJ	L15373-01	6/25/2009	Zn-65	1.20E+00	2.20E+00	7.50E+00
WD	STJ	L15373-01	6/25/2009	Zr-95	1.00E-01	1.70E+00	5.90E+00
WD	LTW	L15373-02	6/25/2009	AcTh-228	-4.00E+00	3.80E+00	1.30E+01
WD	LTW	L15373-02	6/25/2009	Ag-108m	4.70E-01	6.50E-01	2.20E+00
WD	LTW	L15373-02	6/25/2009	Ag-110m	-1.70E+00	1.10E+00	4.00E+00
WD	LTW	L15373-02	6/25/2009	Ba-140	-1.40E+00	3.70E+00	1.30E+01
WD	LTW	L15373-02	6/25/2009	Be-7	6.50E+00	7.60E+00	2.60E+01
WD	LTW	L15373-02	6/25/2009	Ce-141	-9.10E+00	2.80E+00	9.90E+00
WD	LTW	L15373-02	6/25/2009	Ce-144	-7.80E+00	5.20E+00	1.80E+01
WD	LTW	L15373-02	6/25/2009	Co-57	2.80E-01	5.90E-01	2.00E+00
WD	LTW	L15373-02	6/25/2009	Co-58	-4.30E-01	9.30E-01	3.30E+00
WD	LTW	L15373-02	6/25/2009	Co-60	4.20E-01	8.30E-01	2.90E+00
WD	LTW	L15373-02	6/25/2009	Cr-51	7.00E+00	1.10E+01	3.80E+01
WD	LTW	L15373-02	6/25/2009	Cs-134	1.18E+00	7.60E-01	3.10E+00
WD	LTW	L15373-02	6/25/2009	Cs-137	2.14E+00	7.90E-01	2.50E+00
WD	LTW	L15373-02	6/25/2009	Fe-59	-6.00E-01	2.20E+00	7.90E+00
WD	LTW	L15373-02	6/25/2009	Gross Beta	4.70E+00	1.10E+00	3.10E+00 *
WD	LTW	L15373-02	6/25/2009	I-131	-1.44E-01	2.50E-02	9.60E-01
WD	LTW	L15373-02	6/25/2009	K-40	1.30E+01	1.50E+01	4.90E+01
WD	LTW	L15373-02	6/25/2009	La-140	-1.40E+00	3.70E+00	1.30E+01
WD	LTW	L15373-02	6/25/2009	Mn-54	-1.30E+00	8.60E-01	3.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15373-02	6/25/2009	Nb-95	-2.40E+00	1.50E+00	5.30E+00
WD	LTW	L15373-02	6/25/2009	Ru-103	-1.00E-01	1.20E+00	4.00E+00
WD	LTW	L15373-02	6/25/2009	Ru-106	-4.40E+00	7.80E+00	2.70E+01
WD	LTW	L15373-02	6/25/2009	Sb-124	-4.10E+00	2.30E+00	8.90E+00
WD	LTW	L15373-02	6/25/2009	Sb-125	-3.00E-01	2.10E+00	7.10E+00
WD	LTW	L15373-02	6/25/2009	Se-75	1.30E+00	1.10E+00	3.60E+00
WD	LTW	L15373-02	6/25/2009	Zn-65	-1.50E+00	1.80E+00	6.50E+00
WD	LTW	L15373-02	6/25/2009	Zr-95	2.00E-01	1.60E+00	5.70E+00
WD	STJ	L15442-01	7/9/2009	Gross Beta	2.60E+00	1.00E+00	3.10E+00
WD	STJ	L15442-01	7/9/2009	I-131	2.60E-01	2.50E-01	9.40E-01
WD	LTW	L15442-02	7/9/2009	Gross Beta	1.70E+00	1.00E+00	3.30E+00
WD	LTW	L15442-02	7/9/2009	I-131	-1.76E-01	3.00E-02	9.20E-01
WD	STJ	L15495-01	7/23/2009	AcTh-228	9.00E+00	3.00E+00	9.40E+00
WD	STJ	L15495-01	7/23/2009	Ag-108m	-1.06E+00	6.90E-01	2.40E+00
WD	STJ	L15495-01	7/23/2009	Ag-110m	-3.00E-01	1.10E+00	3.90E+00
WD	STJ	L15495-01	7/23/2009	Ba-140	-3.10E+00	3.80E+00	1.40E+01
WD	STJ	L15495-01	7/23/2009	Be-7	3.00E+00	8.30E+00	2.80E+01
WD	STJ	L15495-01	7/23/2009	Ce-141	-1.20E+00	1.80E+00	6.20E+00
WD	STJ	L15495-01	7/23/2009	Ce-144	1.60E+00	4.70E+00	1.60E+01
WD	STJ	L15495-01	7/23/2009	Co-57	-9.50E-01	5.90E-01	2.00E+00
WD	STJ	L15495-01	7/23/2009	Co-58	-4.70E-01	8.40E-01	3.00E+00
WD	STJ	L15495-01	7/23/2009	Co-60	7.40E-01	7.50E-01	2.50E+00
WD	STJ	L15495-01	7/23/2009	Cr-51	7.90E+00	9.50E+00	3.20E+01
WD	STJ	L15495-01	7/23/2009	Cs-134	-4.00E-01	6.60E-01	2.90E+00
WD	STJ	L15495-01	7/23/2009	Cs-137	1.10E+00	8.30E-01	2.70E+00
WD	STJ	L15495-01	7/23/2009	Fe-59	8.00E-01	1.90E+00	6.60E+00
WD	STJ	L15495-01	7/23/2009	Gross Beta	5.30E+00	1.10E+00	3.10E+00 *
WD	STJ	L15495-01	7/23/2009	I-131	6.00E-02	2.00E-01	9.80E-01
WD	STJ	L15495-01	7/23/2009	K-40	-5.00E+00	1.30E+01	4.50E+01
WD	STJ	L15495-01	7/23/2009	La-140	-3.20E+00	3.80E+00	1.40E+01
WD	STJ	L15495-01	7/23/2009	Mn-54	-4.90E-01	8.10E-01	2.90E+00
WD	STJ	L15495-01	7/23/2009	Nb-95	-1.90E+00	1.30E+00	4.80E+00
WD	STJ	L15495-01	7/23/2009	Ru-103	-1.50E+00	1.10E+00	4.00E+00
WD	STJ	L15495-01	7/23/2009	Ru-106	8.00E-01	7.60E+00	2.60E+01
WD	STJ	L15495-01	7/23/2009	Sb-124	-9.00E-01	2.30E+00	8.20E+00
WD	STJ	L15495-01	7/23/2009	Sb-125	2.70E+00	2.10E+00	7.10E+00
WD	STJ	L15495-01	7/23/2009	Se-75	6.20E-01	9.40E-01	3.20E+00
WD	STJ	L15495-01	7/23/2009	Zn-65	-1.00E+00	2.40E+00	8.50E+00
WD	STJ	L15495-01	7/23/2009	Zr-95	-1.00E-01	1.80E+00	6.20E+00
WD	LTW	L15495-02	7/23/2009	AcTh-228	-4.00E-01	4.50E+00	1.60E+01
WD	LTW	L15495-02	7/23/2009	Ag-108m	-3.30E-01	9.50E-01	3.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WD	LTW	L15495-02	7/23/2009	Ag-110m	-2.00E-01	1.60E+00	5.80E+00
WD	LTW	L15495-02	7/23/2009	Ba-140	4.20E+00	2.60E+00	8.50E+00
WD	LTW	L15495-02	7/23/2009	Be-7	2.00E+00	1.00E+01	3.50E+01
WD	LTW	L15495-02	7/23/2009	Ce-141	-1.60E+00	2.00E+00	6.80E+00
WD	LTW	L15495-02	7/23/2009	Ce-144	1.29E+01	6.40E+00	2.10E+01
WD	LTW	L15495-02	7/23/2009	Co-57	-1.68E+00	8.50E-01	3.00E+00
WD	LTW	L15495-02	7/23/2009	Co-58	1.10E+00	1.10E+00	3.80E+00
WD	LTW	L15495-02	7/23/2009	Co-60	-9.00E-01	1.10E+00	4.30E+00
WD	LTW	L15495-02	7/23/2009	Cr-51	1.20E+01	1.10E+01	3.80E+01
WD	LTW	L15495-02	7/23/2009	Cs-134	-1.00E-01	7.80E-01	3.70E+00
WD	LTW	L15495-02	7/23/2009	Cs-137	1.80E+00	1.20E+00	3.80E+00
WD	LTW	L15495-02	7/23/2009	Fe-59	1.00E+00	2.40E+00	8.40E+00
WD	LTW	L15495-02	7/23/2009	Gross Beta	1.12E+00	9.70E-01	3.30E+00
WD	LTW	L15495-02	7/23/2009	I-131	-2.50E-01	1.50E-01	9.20E-01
WD	LTW	L15495-02	7/23/2009	K-40	0.00E+00	1.70E+01	6.10E+01
WD	LTW	L15495-02	7/23/2009	La-140	4.20E+00	2.60E+00	8.50E+00
WD	LTW	L15495-02	7/23/2009	Mn-54	8.00E-01	1.10E+00	3.70E+00
WD	LTW	L15495-02	7/23/2009	Nb-95	-3.00E-01	1.40E+00	5.00E+00
WD	LTW	L15495-02	7/23/2009	Ru-103	-1.30E+00	1.30E+00	4.70E+00
WD	LTW	L15495-02	7/23/2009	Ru-106	-3.00E+00	1.10E+01	3.70E+01
WD	LTW	L15495-02	7/23/2009	Sb-124	1.20E+00	3.00E+00	1.10E+01
WD	LTW	L15495-02	7/23/2009	Sb-125	1.60E+00	3.00E+00	1.00E+01
WD	LTW	L15495-02	7/23/2009	Se-75	-4.00E-01	1.30E+00	4.50E+00
WD	LTW	L15495-02	7/23/2009	Zn-65	-4.10E+00	2.40E+00	9.10E+00
WD	LTW	L15495-02	7/23/2009	Zr-95	-1.60E+00	2.20E+00	8.00E+00
WD	STJ	L15535-01	8/6/2009	AcTh-228	-5.70E+00	4.70E+00	1.80E+01
WD	STJ	L15535-01	8/6/2009	Ag-108m	-2.00E-01	1.20E+00	4.10E+00
WD	STJ	L15535-01	8/6/2009	Ag-110m	-1.80E+00	1.90E+00	7.00E+00
WD	STJ	L15535-01	8/6/2009	Ba-140	3.80E+00	3.10E+00	1.00E+01
WD	STJ	L15535-01	8/6/2009	Be-7	1.10E+01	1.10E+01	3.80E+01
WD	STJ	L15535-01	8/6/2009	Ce-141	-4.40E+00	3.00E+00	1.10E+01
WD	STJ	L15535-01	8/6/2009	Ce-144	-1.21E+01	6.90E+00	2.50E+01
WD	STJ	L15535-01	8/6/2009	Co-57	-2.90E-01	9.30E-01	3.20E+00
WD	STJ	L15535-01	8/6/2009	Co-58	-1.40E+00	1.40E+00	5.10E+00
WD	STJ	L15535-01	8/6/2009	Co-60	1.20E+00	1.30E+00	4.50E+00
WD	STJ	L15535-01	8/6/2009	Cr-51	-1.60E+01	1.20E+01	4.50E+01
WD	STJ	L15535-01	8/6/2009	Cs-134	-5.00E-01	1.00E+00	4.40E+00
WD	STJ	L15535-01	8/6/2009	Cs-137	-2.20E+00	1.30E+00	5.10E+00
WD	STJ	L15535-01	8/6/2009	Fe-59	-3.20E+00	2.60E+00	1.00E+01
WD	STJ	L15535-01	8/6/2009	Gross Beta	4.30E+00	1.10E+00	3.10E+00 *
WD	STJ	L15535-01	8/6/2009	I-131	-1.81E-01	3.10E-02	9.60E-01
WD	STJ	L15535-01	8/6/2009	K-40	3.40E+01	1.70E+01	5.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15535-01	8/6/2009	La-140	3.80E+00	3.10E+00	1.00E+01
WD	STJ	L15535-01	8/6/2009	Mn-54	-5.00E-01	1.30E+00	4.60E+00
WD	STJ	L15535-01	8/6/2009	Nb-95	7.00E-01	1.60E+00	5.50E+00
WD	STJ	L15535-01	8/6/2009	Ru-103	-9.00E-01	1.50E+00	5.30E+00
WD	STJ	L15535-01	8/6/2009	Ru-106	7.00E+00	1.20E+01	4.00E+01
WD	STJ	L15535-01	8/6/2009	Sb-124	3.50E+00	3.10E+00	1.00E+01
WD	STJ	L15535-01	8/6/2009	Sb-125	-1.40E+00	3.30E+00	1.20E+01
WD	STJ	L15535-01	8/6/2009	Se-75	1.80E+00	1.40E+00	4.60E+00
WD	STJ	L15535-01	8/6/2009	Zn-65	-3.50E+00	2.80E+00	1.10E+01
WD	STJ	L15535-01	8/6/2009	Zr-95	2.80E+00	2.40E+00	7.90E+00
WD	LTW	L15535-02	8/6/2009	AcTh-228	-2.20E+00	5.20E+00	1.80E+01
WD	LTW	L15535-02	8/6/2009	Ag-108m	-1.10E-01	9.50E-01	3.30E+00
WD	LTW	L15535-02	8/6/2009	Ag-110m	-5.00E-01	1.40E+00	5.10E+00
WD	LTW	L15535-02	8/6/2009	Ba-140	2.00E-01	3.60E+00	1.30E+01
WD	LTW	L15535-02	8/6/2009	Be-7	1.80E+01	1.10E+01	3.40E+01
WD	LTW	L15535-02	8/6/2009	Ce-141	9.00E-01	1.60E+00	5.50E+00
WD	LTW	L15535-02	8/6/2009	Ce-144	-3.40E+00	6.20E+00	2.10E+01
WD	LTW	L15535-02	8/6/2009	Co-57	-3.90E-01	6.80E-01	2.40E+00
WD	LTW	L15535-02	8/6/2009	Co-58	1.20E+00	2.60E+00	8.60E+00
WD	LTW	L15535-02	8/6/2009	Co-60	-5.00E-01	1.10E+00	4.20E+00
WD	LTW	L15535-02	8/6/2009	Cr-51	7.00E+00	1.30E+01	4.20E+01
WD	LTW	L15535-02	8/6/2009	Cs-134	-1.89E+00	7.70E-01	3.80E+00
WD	LTW	L15535-02	8/6/2009	Cs-137	-8.00E-01	1.00E+00	3.80E+00
WD	LTW	L15535-02	8/6/2009	Fe-59	7.00E-01	2.80E+00	9.80E+00
WD	LTW	L15535-02	8/6/2009	Gross Beta	1.43E+00	9.40E-01	3.10E+00
WD	LTW	L15535-02	8/6/2009	I-131	4.30E-01	3.00E-01	9.40E-01
WD	LTW	L15535-02	8/6/2009	K-40	-1.00E+00	1.90E+01	6.50E+01
WD	LTW	L15535-02	8/6/2009	La-140	2.00E-01	3.60E+00	1.30E+01
WD	LTW	L15535-02	8/6/2009	Mn-54	1.30E+00	1.10E+00	3.80E+00
WD	LTW	L15535-02	8/6/2009	Nb-95	2.50E+00	1.60E+00	5.10E+00
WD	LTW	L15535-02	8/6/2009	Ru-103	-2.20E+00	1.40E+00	5.00E+00
WD	LTW	L15535-02	8/6/2009	Ru-106	1.00E+00	1.00E+01	3.50E+01
WD	LTW	L15535-02	8/6/2009	Sb-124	1.00E-01	3.20E+00	1.20E+01
WD	LTW	L15535-02	8/6/2009	Sb-125	7.00E-01	2.70E+00	9.30E+00
WD	LTW	L15535-02	8/6/2009	Se-75	1.00E-01	1.60E+00	5.30E+00
WD	LTW	L15535-02	8/6/2009	Zn-65	-3.10E+00	2.20E+00	8.40E+00
WD	LTW	L15535-02	8/6/2009	Zr-95	-5.00E-01	2.30E+00	8.00E+00
WD	STJ	L15593-01	8/20/2009	AcTh-228	2.00E+00	5.50E+00	1.90E+01
WD	STJ	L15593-01	8/20/2009	Ag-108m	2.23E+00	9.20E-01	2.90E+00
WD	STJ	L15593-01	8/20/2009	Ag-110m	-2.00E-01	1.60E+00	5.80E+00
WD	STJ	L15593-01	8/20/2009	Ba-140	-6.40E+00	2.50E+00	1.10E+01
WD	STJ	L15593-01	8/20/2009	Be-7	0.00E+00	1.00E+01	3.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15593-01	8/20/2009	Ce-141	3.10E+00	3.20E+00	1.10E+01
WD	STJ	L15593-01	8/20/2009	Ce-144	5.50E+00	5.00E+00	1.70E+01
WD	STJ	L15593-01	8/20/2009	Co-57	-9.10E-01	8.10E-01	2.80E+00
WD	STJ	L15593-01	8/20/2009	Co-58	-2.00E-01	1.00E+00	3.70E+00
WD	STJ	L15593-01	8/20/2009	Co-60	5.00E-01	1.10E+00	3.80E+00
WD	STJ	L15593-01	8/20/2009	Cr-51	1.07E+01	9.90E+00	3.30E+01
WD	STJ	L15593-01	8/20/2009	Cs-134	-6.60E-01	9.10E-01	4.20E+00
WD	STJ	L15593-01	8/20/2009	Cs-137	0.00E+00	1.20E+00	4.30E+00
WD	STJ	L15593-01	8/20/2009	Fe-59	3.00E-01	2.50E+00	8.70E+00
WD	STJ	L15593-01	8/20/2009	Gross Beta	3.60E+00	1.10E+00	3.10E+00 *
WD	STJ	L15593-01	8/20/2009	I-131	-2.37E-01	3.90E-02	9.20E-01
WD	STJ	L15593-01	8/20/2009	K-40	2.10E+01	1.80E+01	6.00E+01
WD	STJ	L15593-01	8/20/2009	La-140	-6.40E+00	2.50E+00	1.10E+01
WD	STJ	L15593-01	8/20/2009	Mn-54	-3.00E-01	1.00E+00	3.60E+00
WD	STJ	L15593-01	8/20/2009	Nb-95	1.00E-01	1.40E+00	4.70E+00
WD	STJ	L15593-01	8/20/2009	Ru-103	-2.00E-01	1.30E+00	4.50E+00
WD	STJ	L15593-01	8/20/2009	Ru-106	-1.30E+01	1.00E+01	3.70E+01
WD	STJ	L15593-01	8/20/2009	Sb-124	-6.20E+00	2.90E+00	1.20E+01
WD	STJ	L15593-01	8/20/2009	Sb-125	2.20E+00	2.90E+00	9.70E+00
WD	STJ	L15593-01	8/20/2009	Se-75	1.00E-01	1.30E+00	4.40E+00
WD	STJ	L15593-01	8/20/2009	Zn-65	-3.30E+00	2.70E+00	9.90E+00
WD	STJ	L15593-01	8/20/2009	Zr-95	1.30E+00	2.20E+00	7.70E+00
WD	LTW	L15593-02	8/20/2009	AcTh-228	4.00E+00	4.70E+00	1.60E+01
WD	LTW	L15593-02	8/20/2009	Ag-108m	7.00E-02	9.20E-01	3.20E+00
WD	LTW	L15593-02	8/20/2009	Ag-110m	9.00E-01	1.60E+00	5.60E+00
WD	LTW	L15593-02	8/20/2009	Ba-140	5.20E+00	2.80E+00	9.00E+00
WD	LTW	L15593-02	8/20/2009	Be-7	3.00E+00	1.20E+01	4.00E+01
WD	LTW	L15593-02	8/20/2009	Ce-141	-4.60E+00	2.10E+00	7.30E+00
WD	LTW	L15593-02	8/20/2009	Ce-144	-6.00E-01	6.30E+00	2.20E+01
WD	LTW	L15593-02	8/20/2009	Co-57	-2.50E-01	8.60E-01	3.00E+00
WD	LTW	L15593-02	8/20/2009	Co-58	-4.00E-01	1.30E+00	4.50E+00
WD	LTW	L15593-02	8/20/2009	Co-60	-6.00E-01	1.20E+00	4.40E+00
WD	LTW	L15593-02	8/20/2009	Cr-51	5.00E+00	1.20E+01	4.00E+01
WD	LTW	L15593-02	8/20/2009	Cs-134	1.08E+00	9.50E-01	4.00E+00
WD	LTW	L15593-02	8/20/2009	Cs-137	7.00E-01	1.20E+00	4.00E+00
WD	LTW	L15593-02	8/20/2009	Fe-59	-5.00E-01	2.60E+00	9.40E+00
WD	LTW	L15593-02	8/20/2009	Gross Beta	3.90E+00	1.10E+00	3.20E+00 *
WD	LTW	L15593-02	8/20/2009	I-131	-1.82E-01	3.40E-02	8.50E-01
WD	LTW	L15593-02	8/20/2009	K-40	2.90E+01	1.90E+01	6.10E+01
WD	LTW	L15593-02	8/20/2009	La-140	5.20E+00	2.80E+00	9.00E+00
WD	LTW	L15593-02	8/20/2009	Mn-54	-2.90E+00	1.10E+00	4.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15593-02	8/20/2009	Nb-95	2.90E+00	1.50E+00	5.00E+00
WD	LTW	L15593-02	8/20/2009	Ru-103	-7.00E-01	1.50E+00	5.30E+00
WD	LTW	L15593-02	8/20/2009	Ru-106	-1.70E+01	1.10E+01	4.00E+01
WD	LTW	L15593-02	8/20/2009	Sb-124	-4.00E-01	3.00E+00	1.10E+01
WD	LTW	L15593-02	8/20/2009	Sb-125	3.90E+00	2.90E+00	9.80E+00
WD	LTW	L15593-02	8/20/2009	Se-75	2.00E-01	1.40E+00	5.00E+00
WD	LTW	L15593-02	8/20/2009	Zn-65	-9.00E-01	2.60E+00	9.30E+00
WD	LTW	L15593-02	8/20/2009	Zr-95	2.10E+00	2.10E+00	7.10E+00
WD	STJ	L15652-01	9/3/2009	AcTh-228	4.10E+00	5.40E+00	1.80E+01
WD	STJ	L15652-01	9/3/2009	Ag-108m	-1.09E+00	8.00E-01	2.90E+00
WD	STJ	L15652-01	9/3/2009	Ag-110m	0.00E+00	1.50E+00	5.30E+00
WD	STJ	L15652-01	9/3/2009	Ba-140	1.00E+00	4.10E+00	1.50E+01
WD	STJ	L15652-01	9/3/2009	Be-7	-1.06E+01	9.90E+00	3.60E+01
WD	STJ	L15652-01	9/3/2009	Ce-141	7.00E-01	1.50E+00	5.00E+00
WD	STJ	L15652-01	9/3/2009	Ce-144	-4.50E+00	5.30E+00	1.80E+01
WD	STJ	L15652-01	9/3/2009	Co-57	5.80E-01	6.70E-01	2.20E+00
WD	STJ	L15652-01	9/3/2009	Co-58	0.00E+00	1.20E+00	4.30E+00
WD	STJ	L15652-01	9/3/2009	Co-60	-1.50E+00	1.30E+00	4.90E+00
WD	STJ	L15652-01	9/3/2009	Cr-51	-9.00E+00	1.00E+01	3.60E+01
WD	STJ	L15652-01	9/3/2009	Cs-134	1.46E+00	9.50E-01	3.70E+00
WD	STJ	L15652-01	9/3/2009	Cs-137	-1.00E-01	1.20E+00	4.30E+00
WD	STJ	L15652-01	9/3/2009	Fe-59	3.10E+00	2.90E+00	9.90E+00
WD	STJ	L15652-01	9/3/2009	Gross Beta	6.20E+00	1.20E+00	3.10E+00 *
WD	STJ	L15652-01	9/3/2009	I-131	-3.00E-02	1.70E-01	7.90E-01
WD	STJ	L15652-01	9/3/2009	K-40	-5.00E+00	1.70E+01	6.10E+01
WD	STJ	L15652-01	9/3/2009	La-140	1.00E+00	4.10E+00	1.50E+01
WD	STJ	L15652-01	9/3/2009	Mn-54	7.00E-01	1.10E+00	3.90E+00
WD	STJ	L15652-01	9/3/2009	Nb-95	-2.00E-01	1.40E+00	4.90E+00
WD	STJ	L15652-01	9/3/2009	Ru-103	-2.10E+00	1.30E+00	4.80E+00
WD	STJ	L15652-01	9/3/2009	Ru-106	-2.30E+01	1.00E+01	3.80E+01
WD	STJ	L15652-01	9/3/2009	Sb-124	4.10E+00	3.50E+00	1.20E+01
WD	STJ	L15652-01	9/3/2009	Sb-125	1.20E+00	2.60E+00	8.80E+00
WD	STJ	L15652-01	9/3/2009	Se-75	-7.00E-01	1.10E+00	3.90E+00
WD	STJ	L15652-01	9/3/2009	Zn-65	-3.30E+00	2.60E+00	9.80E+00
WD	STJ	L15652-01	9/3/2009	Zr-95	2.00E+00	1.80E+00	6.20E+00
WD	LTW	L15652-02	9/3/2009	AcTh-228	5.60E+00	6.10E+00	2.00E+01
WD	LTW	L15652-02	9/3/2009	Ag-108m	-2.20E-01	8.60E-01	3.00E+00
WD	LTW	L15652-02	9/3/2009	Ag-110m	2.30E+00	1.60E+00	5.40E+00
WD	LTW	L15652-02	9/3/2009	Ba-140	1.90E+00	4.10E+00	1.40E+01
WD	LTW	L15652-02	9/3/2009	Be-7	0.00E+00	9.80E+00	3.40E+01
WD	LTW	L15652-02	9/3/2009	Ce-141	-7.90E+00	2.80E+00	1.00E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15652-02	9/3/2009	Ce-144	1.09E+01	5.40E+00	1.80E+01
WD	LTW	L15652-02	9/3/2009	Co-57	-6.90E-01	6.90E-01	2.40E+00
WD	LTW	L15652-02	9/3/2009	Co-58	-6.00E-01	1.10E+00	4.00E+00
WD	LTW	L15652-02	9/3/2009	Co-60	-2.50E+00	1.20E+00	4.80E+00
WD	LTW	L15652-02	9/3/2009	Cr-51	8.00E+00	1.20E+01	4.20E+01
WD	LTW	L15652-02	9/3/2009	Cs-134	1.17E+00	8.00E-01	3.70E+00
WD	LTW	L15652-02	9/3/2009	Cs-137	-2.00E-01	1.20E+00	4.20E+00
WD	LTW	L15652-02	9/3/2009	Fe-59	2.70E+00	2.80E+00	9.50E+00
WD	LTW	L15652-02	9/3/2009	Gross Beta	4.60E+00	1.10E+00	3.00E+00 *
WD	LTW	L15652-02	9/3/2009	I-131	5.00E-01	2.90E-01	9.00E-01
WD	LTW	L15652-02	9/3/2009	K-40	2.90E+01	1.80E+01	5.90E+01
WD	LTW	L15652-02	9/3/2009	La-140	1.90E+00	4.10E+00	1.40E+01
WD	LTW	L15652-02	9/3/2009	Mn-54	-1.56E+00	9.80E-01	3.70E+00
WD	LTW	L15652-02	9/3/2009	Nb-95	4.00E-01	1.40E+00	5.00E+00
WD	LTW	L15652-02	9/3/2009	Ru-103	-2.80E+00	1.30E+00	4.80E+00
WD	LTW	L15652-02	9/3/2009	Ru-106	1.30E+01	1.10E+01	3.50E+01
WD	LTW	L15652-02	9/3/2009	Sb-124	-2.60E+00	3.50E+00	1.30E+01
WD	LTW	L15652-02	9/3/2009	Sb-125	-2.20E+00	2.60E+00	9.30E+00
WD	LTW	L15652-02	9/3/2009	Se-75	-7.00E-01	1.10E+00	3.80E+00
WD	LTW	L15652-02	9/3/2009	Zn-65	1.00E+00	2.40E+00	8.40E+00
WD	LTW	L15652-02	9/3/2009	Zr-95	3.00E-01	1.90E+00	6.90E+00
WD	STJ	L15701-01	9/17/2009	AcTh-228	8.10E+00	3.70E+00	1.20E+01
WD	STJ	L15701-01	9/17/2009	Ag-108m	8.80E-01	7.50E-01	2.50E+00
WD	STJ	L15701-01	9/17/2009	Ag-110m	5.00E-01	1.20E+00	4.30E+00
WD	STJ	L15701-01	9/17/2009	Ba-140	3.00E-01	3.60E+00	1.30E+01
WD	STJ	L15701-01	9/17/2009	Be-7	9.60E+00	9.10E+00	3.00E+01
WD	STJ	L15701-01	9/17/2009	Ce-141	-8.00E-01	1.50E+00	5.00E+00
WD	STJ	L15701-01	9/17/2009	Ce-144	-9.90E+00	3.90E+00	1.40E+01
WD	STJ	L15701-01	9/17/2009	Co-57	-4.70E-01	5.10E-01	1.80E+00
WD	STJ	L15701-01	9/17/2009	Co-58	2.00E+00	1.00E+00	3.40E+00
WD	STJ	L15701-01	9/17/2009	Co-60	1.10E+00	1.00E+00	3.50E+00
WD	STJ	L15701-01	9/17/2009	Cr-51	-1.58E+01	9.50E+00	3.40E+01
WD	STJ	L15701-01	9/17/2009	Cs-134	-4.00E-02	6.60E-01	2.90E+00
WD	STJ	L15701-01	9/17/2009	Cs-137	2.60E+00	1.10E+00	3.40E+00
WD	STJ	L15701-01	9/17/2009	Fe-59	-4.50E+00	2.30E+00	8.60E+00
WD	STJ	L15701-01	9/17/2009	Gross Beta	1.69E+00	9.90E-01	3.20E+00
WD	STJ	L15701-01	9/17/2009	I-131	2.00E-02	1.60E-01	9.00E-01
WD	STJ	L15701-01	9/17/2009	K-40	0.00E+00	1.60E+01	5.30E+01
WD	STJ	L15701-01	9/17/2009	La-140	3.00E-01	3.60E+00	1.30E+01
WD	STJ	L15701-01	9/17/2009	Mn-54	1.31E+00	9.00E-01	3.00E+00
WD	STJ	L15701-01	9/17/2009	Nb-95	1.20E+00	1.30E+00	4.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15701-01	9/17/2009	Ru-103	-2.00E+00	1.10E+00	4.00E+00
WD	STJ	L15701-01	9/17/2009	Ru-106	-5.50E+00	7.80E+00	2.70E+01
WD	STJ	L15701-01	9/17/2009	Sb-124	-1.60E+00	2.90E+00	1.00E+01
WD	STJ	L15701-01	9/17/2009	Sb-125	2.60E+00	2.20E+00	7.40E+00
WD	STJ	L15701-01	9/17/2009	Se-75	2.00E-01	1.00E+00	3.40E+00
WD	STJ	L15701-01	9/17/2009	Zn-65	-4.80E+00	2.30E+00	8.40E+00
WD	STJ	L15701-01	9/17/2009	Zr-95	1.90E+00	2.00E+00	6.60E+00
WD	LTW	L15701-02	9/17/2009	AcTh-228	-7.60E+00	4.40E+00	1.60E+01
WD	LTW	L15701-02	9/17/2009	Ag-108m	-1.90E-01	7.70E-01	2.70E+00
WD	LTW	L15701-02	9/17/2009	Ag-110m	-7.00E-01	1.20E+00	4.20E+00
WD	LTW	L15701-02	9/17/2009	Ba-140	-1.80E+00	3.30E+00	1.20E+01
WD	LTW	L15701-02	9/17/2009	Be-7	-8.30E+00	9.40E+00	3.30E+01
WD	LTW	L15701-02	9/17/2009	Ce-141	1.00E-01	1.30E+00	4.40E+00
WD	LTW	L15701-02	9/17/2009	Ce-144	5.30E+00	5.30E+00	1.70E+01
WD	LTW	L15701-02	9/17/2009	Co-57	4.40E-01	5.80E-01	1.90E+00
WD	LTW	L15701-02	9/17/2009	Co-58	-4.00E-01	1.10E+00	3.80E+00
WD	LTW	L15701-02	9/17/2009	Co-60	0.00E+00	9.00E-01	3.20E+00
WD	LTW	L15701-02	9/17/2009	Cr-51	-4.00E+00	1.10E+01	3.80E+01
WD	LTW	L15701-02	9/17/2009	Cs-134	-3.00E-02	6.60E-01	3.10E+00
WD	LTW	L15701-02	9/17/2009	Cs-137	-1.10E-01	8.90E-01	3.10E+00
WD	LTW	L15701-02	9/17/2009	Fe-59	-1.90E+00	2.30E+00	8.20E+00
WD	LTW	L15701-02	9/17/2009	Gross Beta	2.01E+00	9.90E-01	3.20E+00
WD	LTW	L15701-02	9/17/2009	I-131	1.50E-01	2.20E-01	9.20E-01
WD	LTW	L15701-02	9/17/2009	K-40	1.30E+01	1.60E+01	5.50E+01
WD	LTW	L15701-02	9/17/2009	La-140	-1.80E+00	3.30E+00	1.20E+01
WD	LTW	L15701-02	9/17/2009	Mn-54	1.31E+00	9.70E-01	3.20E+00
WD	LTW	L15701-02	9/17/2009	Nb-95	3.50E+00	1.40E+00	4.50E+00
WD	LTW	L15701-02	9/17/2009	Ru-103	-1.00E-01	1.30E+00	4.30E+00
WD	LTW	L15701-02	9/17/2009	Ru-106	-8.10E+00	8.30E+00	2.90E+01
WD	LTW	L15701-02	9/17/2009	Sb-124	-1.70E+00	2.50E+00	9.30E+00
WD	LTW	L15701-02	9/17/2009	Sb-125	0.00E+00	2.50E+00	8.40E+00
WD	LTW	L15701-02	9/17/2009	Se-75	-9.00E-01	1.40E+00	4.80E+00
WD	LTW	L15701-02	9/17/2009	Zn-65	-4.00E+00	2.20E+00	8.00E+00
WD	LTW	L15701-02	9/17/2009	Zr-95	1.80E+00	1.90E+00	6.20E+00
WD	STJ	L15752-01	10/1/2009	AcTh-228	2.00E-01	4.00E+00	1.50E+01
WD	STJ	L15752-01	10/1/2009	Ag-108m	-5.80E-01	8.40E-01	3.10E+00
WD	STJ	L15752-01	10/1/2009	Ag-110m	2.50E+00	1.20E+00	3.80E+00
WD	STJ	L15752-01	10/1/2009	Ba-140	-2.40E+00	3.60E+00	1.40E+01
WD	STJ	L15752-01	10/1/2009	Be-7	-3.90E+00	8.80E+00	3.20E+01
WD	STJ	L15752-01	10/1/2009	Ce-141	1.40E+00	1.70E+00	5.90E+00
WD	STJ	L15752-01	10/1/2009	Ce-144	9.70E+00	5.30E+00	1.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15752-01	10/1/2009	Co-57	-2.90E-01	6.90E-01	2.40E+00
WD	STJ	L15752-01	10/1/2009	Co-58	2.00E+00	1.10E+00	3.40E+00
WD	STJ	L15752-01	10/1/2009	Co-60	9.00E-01	1.30E+00	4.60E+00
WD	STJ	L15752-01	10/1/2009	Cr-51	0.00E+00	1.10E+01	3.90E+01
WD	STJ	L15752-01	10/1/2009	Cs-134	-6.80E-01	6.50E-01	3.00E+00
WD	STJ	L15752-01	10/1/2009	Cs-137	-1.60E+00	1.20E+00	4.50E+00
WD	STJ	L15752-01	10/1/2009	Fe-59	-2.60E+00	2.60E+00	1.00E+01
WD	STJ	L15752-01	10/1/2009	Gross Beta	2.12E+00	9.80E-01	3.10E+00
WD	STJ	L15752-01	10/1/2009	I-131	2.00E-02	1.70E-01	9.90E-01
WD	STJ	L15752-01	10/1/2009	K-40	2.00E+01	1.60E+01	5.20E+01
WD	STJ	L15752-01	10/1/2009	La-140	-2.40E+00	3.60E+00	1.40E+01
WD	STJ	L15752-01	10/1/2009	Mn-54	-8.40E-01	9.70E-01	3.70E+00
WD	STJ	L15752-01	10/1/2009	Nb-95	-1.40E+00	1.50E+00	5.60E+00
WD	STJ	L15752-01	10/1/2009	Ru-103	-1.70E+00	1.40E+00	5.20E+00
WD	STJ	L15752-01	10/1/2009	Ru-106	1.10E+00	8.90E+00	3.20E+01
WD	STJ	L15752-01	10/1/2009	Sb-124	-2.80E+00	3.40E+00	1.30E+01
WD	STJ	L15752-01	10/1/2009	Sb-125	7.00E-01	2.80E+00	9.70E+00
WD	STJ	L15752-01	10/1/2009	Sc-75	0.00E+00	1.10E+00	4.00E+00
WD	STJ	L15752-01	10/1/2009	Zn-65	-4.70E+00	2.30E+00	9.50E+00
WD	STJ	L15752-01	10/1/2009	Zr-95	3.00E+00	2.00E+00	6.70E+00
WD	LTW	L15752-02	10/1/2009	AcTh-228	-1.00E+00	3.40E+00	1.30E+01
WD	LTW	L15752-02	10/1/2009	Ag-108m	3.80E-01	9.10E-01	3.20E+00
WD	LTW	L15752-02	10/1/2009	Ag-110m	-1.40E+00	1.30E+00	5.10E+00
WD	LTW	L15752-02	10/1/2009	Ba-140	-2.00E-01	3.30E+00	1.30E+01
WD	LTW	L15752-02	10/1/2009	Be-7	-1.22E+01	8.70E+00	3.40E+01
WD	LTW	L15752-02	10/1/2009	Ce-141	-2.80E+00	2.20E+00	7.90E+00
WD	LTW	L15752-02	10/1/2009	Ce-144	1.20E+01	7.30E+00	2.40E+01
WD	LTW	L15752-02	10/1/2009	Co-57	1.30E-01	7.70E-01	2.70E+00
WD	LTW	L15752-02	10/1/2009	Co-58	-1.20E+00	1.30E+00	4.90E+00
WD	LTW	L15752-02	10/1/2009	Co-60	8.00E-01	1.10E+00	4.00E+00
WD	LTW	L15752-02	10/1/2009	Cr-51	-2.20E+01	1.20E+01	4.70E+01
WD	LTW	L15752-02	10/1/2009	Cs-134	3.00E-02	6.80E-01	3.10E+00
WD	LTW	L15752-02	10/1/2009	Cs-137	-3.00E-01	1.10E+00	3.90E+00
WD	LTW	L15752-02	10/1/2009	Fe-59	5.20E+00	2.50E+00	7.80E+00
WD	LTW	L15752-02	10/1/2009	Gross Beta	3.00E-01	8.80E-01	3.20E+00
WD	LTW	L15752-02	10/1/2009	I-131	1.40E-01	2.20E-01	9.50E-01
WD	LTW	L15752-02	10/1/2009	K-40	3.10E+01	1.30E+01	4.00E+01
WD	LTW	L15752-02	10/1/2009	La-140	-2.00E-01	3.30E+00	1.30E+01
WD	LTW	L15752-02	10/1/2009	Mn-54	-2.70E+00	1.10E+00	4.40E+00
WD	LTW	L15752-02	10/1/2009	Nb-95	-4.00E-01	1.40E+00	5.30E+00
WD	LTW	L15752-02	10/1/2009	Ru-103	-3.70E+00	1.40E+00	5.60E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15752-02	10/1/2009	Ru-106	-4.70E+00	8.60E+00	3.30E+01
WD	LTW	L15752-02	10/1/2009	Sb-124	-7.00E-01	2.20E+00	9.20E+00
WD	LTW	L15752-02	10/1/2009	Sb-125	9.00E-01	2.60E+00	9.10E+00
WD	LTW	L15752-02	10/1/2009	Se-75	2.00E-01	1.30E+00	4.50E+00
WD	LTW	L15752-02	10/1/2009	Zn-65	-2.90E+00	2.50E+00	9.90E+00
WD	LTW	L15752-02	10/1/2009	Zr-95	-2.00E+00	2.10E+00	8.00E+00
WD	STJ	L15796-01	10/15/2009	AcTh-228	6.00E+00	6.20E+00	2.10E+01
WD	STJ	L15796-01	10/15/2009	Ag-108m	-9.00E-01	1.00E+00	3.60E+00
WD	STJ	L15796-01	10/15/2009	Ag-110m	-2.40E+00	1.90E+00	7.20E+00
WD	STJ	L15796-01	10/15/2009	Ba-140	0.00E+00	3.40E+00	1.30E+01
WD	STJ	L15796-01	10/15/2009	Be-7	-5.00E+00	1.10E+01	3.80E+01
WD	STJ	L15796-01	10/15/2009	Ce-141	9.00E-01	1.90E+00	6.30E+00
WD	STJ	L15796-01	10/15/2009	Ce-144	-5.20E+00	6.20E+00	2.20E+01
WD	STJ	L15796-01	10/15/2009	Co-57	8.40E-01	7.80E-01	2.60E+00
WD	STJ	L15796-01	10/15/2009	Co-58	1.20E+00	1.20E+00	3.90E+00
WD	STJ	L15796-01	10/15/2009	Co-60	5.00E-01	1.40E+00	4.90E+00
WD	STJ	L15796-01	10/15/2009	Cr-51	-1.40E+01	1.30E+01	4.50E+01
WD	STJ	L15796-01	10/15/2009	Cs-134	8.00E-01	1.10E+00	5.00E+00
WD	STJ	L15796-01	10/15/2009	Cs-137	-1.20E+00	1.40E+00	4.90E+00
WD	STJ	L15796-01	10/15/2009	Fe-59	7.00E-01	3.10E+00	1.10E+01
WD	STJ	L15796-01	10/15/2009	Gross Beta	3.60E+00	1.10E+00	3.00E+00 *
WD	STJ	L15796-01	10/15/2009	I-131	-7.80E-02	1.60E-02	8.10E-01
WD	STJ	L15796-01	10/15/2009	K-40	5.00E+00	2.20E+01	7.50E+01
WD	STJ	L15796-01	10/15/2009	La-140	0.00E+00	3.40E+00	1.30E+01
WD	STJ	L15796-01	10/15/2009	Mn-54	4.00E-01	1.20E+00	4.40E+00
WD	STJ	L15796-01	10/15/2009	Nb-95	-4.00E-01	1.60E+00	5.60E+00
WD	STJ	L15796-01	10/15/2009	Ru-103	-3.50E+00	1.40E+00	5.30E+00
WD	STJ	L15796-01	10/15/2009	Ru-106	0.00E+00	1.30E+01	4.50E+01
WD	STJ	L15796-01	10/15/2009	Sb-124	-2.60E+00	3.60E+00	1.40E+01
WD	STJ	L15796-01	10/15/2009	Sb-125	7.00E-01	3.10E+00	1.10E+01
WD	STJ	L15796-01	10/15/2009	Se-75	9.00E-01	1.30E+00	4.40E+00
WD	STJ	L15796-01	10/15/2009	Zn-65	-7.10E+00	3.00E+00	1.30E+01
WD	STJ	L15796-01	10/15/2009	Zr-95	-6.00E-01	2.30E+00	8.30E+00
WD	LTW	L15796-02	10/15/2009	AcTh-228	7.00E+00	6.20E+00	2.10E+01
WD	LTW	L15796-02	10/15/2009	Ag-108m	8.00E-01	1.10E+00	3.60E+00
WD	LTW	L15796-02	10/15/2009	Ag-110m	2.90E+00	1.90E+00	6.10E+00
WD	LTW	L15796-02	10/15/2009	Ba-140	1.40E+00	3.30E+00	1.20E+01
WD	LTW	L15796-02	10/15/2009	Be-7	8.00E+00	1.20E+01	3.90E+01
WD	LTW	L15796-02	10/15/2009	Ce-141	-1.10E+00	2.30E+00	7.90E+00
WD	LTW	L15796-02	10/15/2009	Ce-144	1.30E+00	7.20E+00	2.40E+01
WD	LTW	L15796-02	10/15/2009	Co-57	-1.32E+00	9.70E-01	3.40E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15796-02	10/15/2009	Co-58	1.00E-01	1.30E+00	4.60E+00
WD	LTW	L15796-02	10/15/2009	Co-60	-1.50E+00	1.50E+00	5.50E+00
WD	LTW	L15796-02	10/15/2009	Cr-51	3.00E+00	1.30E+01	4.50E+01
WD	LTW	L15796-02	10/15/2009	Cs-134	-6.60E-01	9.50E-01	4.50E+00
WD	LTW	L15796-02	10/15/2009	Cs-137	-8.00E-01	1.30E+00	4.70E+00
WD	LTW	L15796-02	10/15/2009	Fe-59	-1.20E+00	2.90E+00	1.10E+01
WD	LTW	L15796-02	10/15/2009	Gross Beta	6.00E-01	8.90E-01	3.10E+00
WD	LTW	L15796-02	10/15/2009	I-131	8.00E-02	1.60E-01	8.00E-01
WD	LTW	L15796-02	10/15/2009	K-40	-1.20E+01	1.80E+01	6.40E+01
WD	LTW	L15796-02	10/15/2009	La-140	1.40E+00	3.30E+00	1.20E+01
WD	LTW	L15796-02	10/15/2009	Mn-54	-8.00E-01	1.40E+00	4.90E+00
WD	LTW	L15796-02	10/15/2009	Nb-95	3.40E+00	2.60E+00	8.40E+00
WD	LTW	L15796-02	10/15/2009	Ru-103	6.00E-01	1.60E+00	5.40E+00
WD	LTW	L15796-02	10/15/2009	Ru-106	-1.10E+01	1.20E+01	4.10E+01
WD	LTW	L15796-02	10/15/2009	Sb-124	3.60E+00	3.60E+00	1.20E+01
WD	LTW	L15796-02	10/15/2009	Sb-125	2.20E+00	3.10E+00	1.10E+01
WD	LTW	L15796-02	10/15/2009	Se-75	-8.00E-01	1.60E+00	5.70E+00
WD	LTW	L15796-02	10/15/2009	Zn-65	8.10E+00	5.40E+00	1.80E+01
WD	LTW	L15796-02	10/15/2009	Zr-95	3.60E+00	2.40E+00	7.90E+00
WD	STJ	L15874-01	10/29/2009	AcTh-228	-3.70E+00	6.40E+00	2.30E+01
WD	STJ	L15874-01	10/29/2009	Ag-108m	-1.30E+00	1.10E+00	3.70E+00
WD	STJ	L15874-01	10/29/2009	Ag-110m	-6.00E-01	1.90E+00	7.00E+00
WD	STJ	L15874-01	10/29/2009	Ba-140	1.20E+00	4.00E+00	1.50E+01
WD	STJ	L15874-01	10/29/2009	Be-7	4.00E+00	1.20E+01	4.00E+01
WD	STJ	L15874-01	10/29/2009	Ce-141	-3.00E-01	1.90E+00	6.50E+00
WD	STJ	L15874-01	10/29/2009	Ce-144	2.00E-01	6.10E+00	2.10E+01
WD	STJ	L15874-01	10/29/2009	Co-57	-3.80E-01	8.10E-01	2.80E+00
WD	STJ	L15874-01	10/29/2009	Co-58	-2.10E+00	1.50E+00	5.90E+00
WD	STJ	L15874-01	10/29/2009	Co-60	-3.80E+00	1.60E+00	6.70E+00
WD	STJ	L15874-01	10/29/2009	Cr-51	1.00E+00	1.30E+01	4.70E+01
WD	STJ	L15874-01	10/29/2009	Cs-134	-8.00E-01	1.10E+00	4.80E+00
WD	STJ	L15874-01	10/29/2009	Cs-137	2.30E+00	1.80E+00	6.00E+00
WD	STJ	L15874-01	10/29/2009	Fe-59	2.20E+00	3.60E+00	1.30E+01
WD	STJ	L15874-01	10/29/2009	Gross Beta	2.80E+00	1.00E+00	3.10E+00
WD	STJ	L15874-01	10/29/2009	I-131	-1.00E-02	1.90E-01	9.70E-01
WD	STJ	L15874-01	10/29/2009	K-40	5.40E+01	2.50E+01	7.90E+01
WD	STJ	L15874-01	10/29/2009	La-140	1.20E+00	4.00E+00	1.50E+01
WD	STJ	L15874-01	10/29/2009	Mn-54	-1.00E-01	1.40E+00	4.90E+00
WD	STJ	L15874-01	10/29/2009	Nb-95	-1.00E-01	2.00E+00	7.20E+00
WD	STJ	L15874-01	10/29/2009	Ru-103	-3.80E+00	1.60E+00	6.30E+00
WD	STJ	L15874-01	10/29/2009	Ru-106	1.00E+00	1.40E+01	4.90E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15874-01	10/29/2009	Sb-124	1.40E+00	3.50E+00	1.30E+01
WD	STJ	L15874-01	10/29/2009	Sb-125	-6.00E-01	3.60E+00	1.30E+01
WD	STJ	L15874-01	10/29/2009	Se-75	6.00E-01	1.50E+00	5.30E+00
WD	STJ	L15874-01	10/29/2009	Zn-65	-8.00E-01	3.70E+00	1.30E+01
WD	STJ	L15874-01	10/29/2009	Zr-95	-3.60E+00	2.90E+00	1.10E+01
WD	LTW	L15874-02	10/29/2009	AcTh-228	-1.61E+01	7.60E+00	3.20E+01
WD	LTW	L15874-02	10/29/2009	Ag-108m	-2.50E+00	1.80E+00	6.90E+00
WD	LTW	L15874-02	10/29/2009	Ag-110m	5.30E+00	2.80E+00	9.00E+00
WD	LTW	L15874-02	10/29/2009	Ba-140	1.07E+01	4.90E+00	1.40E+01
WD	LTW	L15874-02	10/29/2009	Be-7	0.00E+00	1.70E+01	6.10E+01
WD	LTW	L15874-02	10/29/2009	Ce-141	-5.00E+00	3.30E+00	1.20E+01
WD	LTW	L15874-02	10/29/2009	Ce-144	2.00E+00	1.10E+01	3.90E+01
WD	LTW	L15874-02	10/29/2009	Co-57	-1.60E+00	1.50E+00	5.30E+00
WD	LTW	L15874-02	10/29/2009	Co-58	-4.00E-01	2.30E+00	8.60E+00
WD	LTW	L15874-02	10/29/2009	Co-60	-2.60E+00	2.30E+00	9.30E+00
WD	LTW	L15874-02	10/29/2009	Cr-51	-1.00E+01	1.90E+01	7.00E+01
WD	LTW	L15874-02	10/29/2009	Cs-134	-6.00E-01	1.40E+00	6.60E+00
WD	LTW	L15874-02	10/29/2009	Cs-137	4.20E+00	2.20E+00	7.20E+00
WD	LTW	L15874-02	10/29/2009	Fe-59	0.00E+00	5.30E+00	2.00E+01
WD	LTW	L15874-02	10/29/2009	Gross Beta	2.70E+00	1.10E+00	3.30E+00
WD	LTW	L15874-02	10/29/2009	I-131	-1.00E-02	1.80E-01	9.30E-01
WD	LTW	L15874-02	10/29/2009	K-40	-7.00E+00	3.00E+01	1.10E+02
WD	LTW	L15874-02	10/29/2009	La-140	1.07E+01	4.90E+00	1.40E+01
WD	LTW	L15874-02	10/29/2009	Mn-54	1.30E+00	2.00E+00	6.90E+00
WD	LTW	L15874-02	10/29/2009	Nb-95	2.10E+00	2.60E+00	9.20E+00
WD	LTW	L15874-02	10/29/2009	Ru-103	-6.00E-01	2.40E+00	8.80E+00
WD	LTW	L15874-02	10/29/2009	Ru-106	-1.70E+01	1.90E+01	7.20E+01
WD	LTW	L15874-02	10/29/2009	Sb-124	-3.60E+00	4.90E+00	2.10E+01
WD	LTW	L15874-02	10/29/2009	Sb-125	-3.50E+00	5.80E+00	2.10E+01
WD	LTW	L15874-02	10/29/2009	Se-75	1.90E+00	2.60E+00	8.80E+00
WD	LTW	L15874-02	10/29/2009	Zn-65	-1.50E+00	4.40E+00	1.70E+01
WD	LTW	L15874-02	10/29/2009	Zr-95	-5.60E+00	3.90E+00	1.60E+01
WD	STJ	L15922-01	11/12/2009	AcTh-228	1.13E+01	4.70E+00	1.50E+01
WD	STJ	L15922-01	11/12/2009	Ag-108m	-3.00E-01	1.10E+00	3.90E+00
WD	STJ	L15922-01	11/12/2009	Ag-110m	1.20E+00	1.70E+00	5.80E+00
WD	STJ	L15922-01	11/12/2009	Ba-140	-1.80E+00	3.20E+00	1.20E+01
WD	STJ	L15922-01	11/12/2009	Be-7	-3.00E+00	1.20E+01	4.00E+01
WD	STJ	L15922-01	11/12/2009	Ce-141	4.00E-01	1.90E+00	6.60E+00
WD	STJ	L15922-01	11/12/2009	Ce-144	-2.00E+01	7.00E+00	2.50E+01
WD	STJ	L15922-01	11/12/2009	Co-57	1.20E-01	9.30E-01	3.10E+00
WD	STJ	L15922-01	11/12/2009	Co-58	-1.00E+00	1.40E+00	5.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L15922-01	11/12/2009	Co-60	-1.00E+00	1.20E+00	4.60E+00
WD	STJ	L15922-01	11/12/2009	Cr-51	-1.10E+01	1.20E+01	4.20E+01
WD	STJ	L15922-01	11/12/2009	Cs-134	1.40E+00	1.40E+00	4.70E+00
WD	STJ	L15922-01	11/12/2009	Cs-137	6.00E-01	1.40E+00	4.80E+00
WD	STJ	L15922-01	11/12/2009	Fe-59	-1.20E+00	2.80E+00	1.00E+01
WD	STJ	L15922-01	11/12/2009	Gross Beta	4.10E+00	1.10E+00	3.30E+00 *
WD	STJ	L15922-01	11/12/2009	I-131	4.50E-01	2.80E-01	8.70E-01
WD	STJ	L15922-01	11/12/2009	K-40	2.30E+01	2.10E+01	7.10E+01
WD	STJ	L15922-01	11/12/2009	La-140	-1.80E+00	3.20E+00	1.20E+01
WD	STJ	L15922-01	11/12/2009	Mn-54	1.50E+00	1.30E+00	4.40E+00
WD	STJ	L15922-01	11/12/2009	Nb-95	-2.00E-01	1.80E+00	6.20E+00
WD	STJ	L15922-01	11/12/2009	Ru-103	-2.70E+00	1.50E+00	5.50E+00
WD	STJ	L15922-01	11/12/2009	Ru-106	1.90E+01	1.10E+01	3.80E+01
WD	STJ	L15922-01	11/12/2009	Sb-124	4.00E-01	3.20E+00	1.20E+01
WD	STJ	L15922-01	11/12/2009	Sb-125	-5.60E+00	3.40E+00	1.30E+01
WD	STJ	L15922-01	11/12/2009	Se-75	-1.70E+00	1.70E+00	5.80E+00
WD	STJ	L15922-01	11/12/2009	Zn-65	-4.00E+00	3.20E+00	1.20E+01
WD	STJ	L15922-01	11/12/2009	Zr-95	-1.60E+00	2.50E+00	8.90E+00
WD	LTW	L15922-02	11/12/2009	AcTh-228	-3.50E+00	5.60E+00	2.00E+01
WD	LTW	L15922-02	11/12/2009	Ag-108m	4.00E-01	1.10E+00	3.70E+00
WD	LTW	L15922-02	11/12/2009	Ag-110m	3.00E-01	1.70E+00	6.10E+00
WD	LTW	L15922-02	11/12/2009	Ba-140	-7.00E+00	3.20E+00	1.30E+01
WD	LTW	L15922-02	11/12/2009	Be-7	-6.00E+00	1.10E+01	4.00E+01
WD	LTW	L15922-02	11/12/2009	Ce-141	2.80E+00	2.00E+00	6.60E+00
WD	LTW	L15922-02	11/12/2009	Ce-144	1.70E+00	5.40E+00	1.80E+01
WD	LTW	L15922-02	11/12/2009	Co-57	-1.70E-01	7.00E-01	2.40E+00
WD	LTW	L15922-02	11/12/2009	Co-58	-2.00E+00	1.30E+00	5.00E+00
WD	LTW	L15922-02	11/12/2009	Co-60	6.00E-01	1.40E+00	4.90E+00
WD	LTW	L15922-02	11/12/2009	Cr-51	1.30E+01	1.10E+01	3.60E+01
WD	LTW	L15922-02	11/12/2009	Cs-134	1.20E+00	1.30E+00	4.70E+00
WD	LTW	L15922-02	11/12/2009	Cs-137	-1.20E+00	1.40E+00	4.90E+00
WD	LTW	L15922-02	11/12/2009	Fe-59	-1.30E+00	3.00E+00	1.10E+01
WD	LTW	L15922-02	11/12/2009	Gross Beta	3.70E+00	1.10E+00	3.10E+00 *
WD	LTW	L15922-02	11/12/2009	I-131	-1.00E-02	1.50E-01	7.70E-01
WD	LTW	L15922-02	11/12/2009	K-40	-1.30E+01	2.10E+01	7.60E+01
WD	LTW	L15922-02	11/12/2009	La-140	-7.00E+00	3.20E+00	1.30E+01
WD	LTW	L15922-02	11/12/2009	Mn-54	-2.00E-01	1.20E+00	4.40E+00
WD	LTW	L15922-02	11/12/2009	Nb-95	-1.40E+00	1.70E+00	6.10E+00
WD	LTW	L15922-02	11/12/2009	Ru-103	-1.90E+00	1.50E+00	5.30E+00
WD	LTW	L15922-02	11/12/2009	Ru-106	-5.00E+00	1.20E+01	4.40E+01
WD	LTW	L15922-02	11/12/2009	Sb-124	-2.60E+00	3.60E+00	1.40E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15922-02	11/12/2009	Sb-125	-1.30E+00	3.30E+00	1.20E+01
WD	LTW	L15922-02	11/12/2009	Se-75	-9.00E-01	1.30E+00	4.70E+00
WD	LTW	L15922-02	11/12/2009	Zn-65	5.80E+00	5.80E+00	1.90E+01
WD	LTW	L15922-02	11/12/2009	Zr-95	8.00E-01	2.40E+00	8.30E+00
WD	STJ	L15964-01	11/26/2009	AcTh-228	9.80E+00	4.70E+00	1.70E+01
WD	STJ	L15964-01	11/26/2009	Ag-108m	8.00E-01	3.10E+00	1.10E+01
WD	STJ	L15964-01	11/26/2009	Ag-110m	-1.20E+00	1.80E+00	6.60E+00
WD	STJ	L15964-01	11/26/2009	Ba-140	4.00E+00	4.10E+00	1.40E+01
WD	STJ	L15964-01	11/26/2009	Be-7	0.00E+00	1.60E+01	5.40E+01
WD	STJ	L15964-01	11/26/2009	Ce-141	7.70E+00	4.40E+00	1.40E+01
WD	STJ	L15964-01	11/26/2009	Ce-144	7.60E+00	7.40E+00	2.50E+01
WD	STJ	L15964-01	11/26/2009	Co-57	7.00E-01	1.00E+00	3.50E+00
WD	STJ	L15964-01	11/26/2009	Co-58	-5.00E-01	1.60E+00	5.70E+00
WD	STJ	L15964-01	11/26/2009	Co-60	2.90E+00	1.50E+00	4.80E+00
WD	STJ	L15964-01	11/26/2009	Cr-51	6.00E+00	1.60E+01	5.60E+01
WD	STJ	L15964-01	11/26/2009	Cs-134	2.00E-01	1.30E+00	6.00E+00
WD	STJ	L15964-01	11/26/2009	Cs-137	-5.00E-01	1.40E+00	4.90E+00
WD	STJ	L15964-01	11/26/2009	Fe-59	3.70E+00	3.20E+00	1.10E+01
WD	STJ	L15964-01	11/26/2009	Gross Beta	4.70E+00	1.10E+00	3.00E+00 *
WD	STJ	L15964-01	11/26/2009	I-131	2.70E-01	2.60E-01	9.20E-01
WD	STJ	L15964-01	11/26/2009	K-40	1.70E+01	2.10E+01	7.20E+01
WD	STJ	L15964-01	11/26/2009	La-140	4.00E+00	4.10E+00	1.40E+01
WD	STJ	L15964-01	11/26/2009	Mn-54	-4.00E+00	1.40E+00	5.60E+00
WD	STJ	L15964-01	11/26/2009	Nb-95	1.00E-01	2.00E+00	7.00E+00
WD	STJ	L15964-01	11/26/2009	Ru-103	8.00E-01	1.80E+00	6.20E+00
WD	STJ	L15964-01	11/26/2009	Ru-106	1.70E+01	1.20E+01	4.10E+01
WD	STJ	L15964-01	11/26/2009	Sb-124	-2.90E+00	3.50E+00	1.40E+01
WD	STJ	L15964-01	11/26/2009	Sb-125	8.50E+00	6.20E+00	2.00E+01
WD	STJ	L15964-01	11/26/2009	Se-75	-1.60E+00	1.60E+00	5.90E+00
WD	STJ	L15964-01	11/26/2009	Zn-65	-2.50E+00	3.00E+00	1.10E+01
WD	STJ	L15964-01	11/26/2009	Zr-95	1.10E+00	2.70E+00	9.30E+00
WD	LTW	L15964-02	11/26/2009	AcTh-228	3.98E+01	3.30E+00	1.60E+01 *
WD	LTW	L15964-02	11/26/2009	Ag-108m	2.30E-01	7.20E-01	2.40E+00
WD	LTW	L15964-02	11/26/2009	Ag-110m	-2.00E-01	1.00E+00	3.60E+00
WD	LTW	L15964-02	11/26/2009	Ba-140	4.50E+00	2.80E+00	9.10E+00
WD	LTW	L15964-02	11/26/2009	Be-7	-3.60E+00	7.90E+00	2.70E+01
WD	LTW	L15964-02	11/26/2009	Ce-141	-3.00E-01	1.30E+00	4.40E+00
WD	LTW	L15964-02	11/26/2009	Ce-144	4.60E+00	4.80E+00	1.60E+01
WD	LTW	L15964-02	11/26/2009	Co-57	1.50E-01	6.10E-01	2.10E+00
WD	LTW	L15964-02	11/26/2009	Co-58	-1.54E+00	9.10E-01	3.30E+00
WD	LTW	L15964-02	11/26/2009	Co-60	-1.69E+00	8.30E-01	3.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L15964-02	11/26/2009	Cr-51	-6.00E+00	8.40E+00	2.90E+01
WD	LTW	L15964-02	11/26/2009	Cs-134	1.10E+00	1.70E+00	6.60E+00
WD	LTW	L15964-02	11/26/2009	Cs-137	-1.40E-01	9.20E-01	3.10E+00
WD	LTW	L15964-02	11/26/2009	Fe-59	-1.70E+00	1.90E+00	6.80E+00
WD	LTW	L15964-02	11/26/2009	Gross Beta	2.40E+00	1.00E+00	3.10E+00
WD	LTW	L15964-02	11/26/2009	I-131	-2.00E-02	1.40E-01	8.70E-01
WD	LTW	L15964-02	11/26/2009	K-40	1.90E+01	1.40E+01	4.70E+01
WD	LTW	L15964-02	11/26/2009	La-140	4.50E+00	2.80E+00	9.10E+00
WD	LTW	L15964-02	11/26/2009	Mn-54	-1.00E-02	8.70E-01	3.00E+00
WD	LTW	L15964-02	11/26/2009	Nb-95	-5.00E-01	1.70E+00	5.70E+00
WD	LTW	L15964-02	11/26/2009	Ru-103	-1.80E+00	1.00E+00	3.70E+00
WD	LTW	L15964-02	11/26/2009	Ru-106	-1.12E+01	7.00E+00	2.50E+01
WD	LTW	L15964-02	11/26/2009	Sb-124	-1.50E+00	2.10E+00	7.60E+00
WD	LTW	L15964-02	11/26/2009	Sb-125	9.00E-01	2.20E+00	7.40E+00
WD	LTW	L15964-02	11/26/2009	Se-75	-1.00E-01	1.30E+00	4.30E+00
WD	LTW	L15964-02	11/26/2009	Zn-65	2.50E+00	3.50E+00	1.20E+01
WD	LTW	L15964-02	11/26/2009	Zr-95	0.00E+00	1.70E+00	5.80E+00
WD	STJ	L16010-01	12/10/2009	AcTh-228	-5.20E+00	6.60E+00	2.40E+01
WD	STJ	L16010-01	12/10/2009	Ag-108m	-1.20E+00	1.50E+00	5.30E+00
WD	STJ	L16010-01	12/10/2009	Ag-110m	-6.00E-01	2.10E+00	7.60E+00
WD	STJ	L16010-01	12/10/2009	Ba-140	6.10E+00	3.60E+00	1.20E+01
WD	STJ	L16010-01	12/10/2009	Be-7	2.00E+00	1.50E+01	5.20E+01
WD	STJ	L16010-01	12/10/2009	Ce-141	4.00E-01	2.10E+00	7.20E+00
WD	STJ	L16010-01	12/10/2009	Ce-144	2.20E+00	9.50E+00	3.20E+01
WD	STJ	L16010-01	12/10/2009	Co-57	-2.00E-01	1.10E+00	3.90E+00
WD	STJ	L16010-01	12/10/2009	Co-58	5.00E-01	1.80E+00	6.40E+00
WD	STJ	L16010-01	12/10/2009	Co-60	-5.00E-01	1.70E+00	6.40E+00
WD	STJ	L16010-01	12/10/2009	Cr-51	3.00E+00	1.60E+01	5.50E+01
WD	STJ	L16010-01	12/10/2009	Cs-134	0.00E+00	1.20E+00	5.60E+00
WD	STJ	L16010-01	12/10/2009	Cs-137	-1.10E+00	2.00E+00	7.20E+00
WD	STJ	L16010-01	12/10/2009	Fe-59	-4.00E+00	3.60E+00	1.40E+01
WD	STJ	L16010-01	12/10/2009	Gross Beta	5.00E+00	1.10E+00	3.10E+00 *
WD	STJ	L16010-01	12/10/2009	I-131	2.00E-01	2.40E-01	9.10E-01
WD	STJ	L16010-01	12/10/2009	K-40	4.00E+00	2.70E+01	9.30E+01
WD	STJ	L16010-01	12/10/2009	La-140	6.10E+00	3.60E+00	1.20E+01
WD	STJ	L16010-01	12/10/2009	Mn-54	-2.00E+00	1.70E+00	6.50E+00
WD	STJ	L16010-01	12/10/2009	Nb-95	4.10E+00	3.00E+00	1.00E+01
WD	STJ	L16010-01	12/10/2009	Ru-103	-1.70E+00	1.80E+00	6.40E+00
WD	STJ	L16010-01	12/10/2009	Ru-106	-1.20E+01	1.30E+01	4.80E+01
WD	STJ	L16010-01	12/10/2009	Sb-124	-5.10E+00	4.20E+00	1.70E+01
WD	STJ	L16010-01	12/10/2009	Sb-125	2.70E+00	4.40E+00	1.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L16010-01	12/10/2009	Se-75	6.00E-01	2.00E+00	7.00E+00
WD	STJ	L16010-01	12/10/2009	Zn-65	6.60E+00	7.30E+00	2.40E+01
WD	STJ	L16010-01	12/10/2009	Zr-95	4.40E+00	3.10E+00	1.00E+01
WD	LTW	L16010-02	12/10/2009	AcTh-228	-6.20E+00	5.00E+00	1.90E+01
WD	LTW	L16010-02	12/10/2009	Ag-108m	-8.00E-01	1.20E+00	4.20E+00
WD	LTW	L16010-02	12/10/2009	Ag-110m	2.20E+00	2.00E+00	6.70E+00
WD	LTW	L16010-02	12/10/2009	Ba-140	-2.80E+00	3.20E+00	1.20E+01
WD	LTW	L16010-02	12/10/2009	Be-7	4.00E+00	1.50E+01	5.00E+01
WD	LTW	L16010-02	12/10/2009	Ce-141	1.70E+00	2.50E+00	8.30E+00
WD	LTW	L16010-02	12/10/2009	Ce-144	1.22E+01	8.30E+00	2.80E+01
WD	LTW	L16010-02	12/10/2009	Co-57	-5.00E-01	1.10E+00	3.70E+00
WD	LTW	L16010-02	12/10/2009	Co-58	-1.20E+00	1.30E+00	4.70E+00
WD	LTW	L16010-02	12/10/2009	Co-60	2.50E+00	1.40E+00	4.70E+00
WD	LTW	L16010-02	12/10/2009	Cr-51	-1.00E+00	1.40E+01	4.80E+01
WD	LTW	L16010-02	12/10/2009	Cs-134	1.40E+00	1.30E+00	4.30E+00
WD	LTW	L16010-02	12/10/2009	Cs-137	1.00E+00	1.50E+00	5.20E+00
WD	LTW	L16010-02	12/10/2009	Fe-59	3.20E+00	2.80E+00	9.50E+00
WD	LTW	L16010-02	12/10/2009	Gross Beta	5.90E+00	1.20E+00	3.10E+00 *
WD	LTW	L16010-02	12/10/2009	I-131	3.80E-01	2.80E-01	9.60E-01
WD	LTW	L16010-02	12/10/2009	K-40	-9.00E+00	1.90E+01	6.90E+01
WD	LTW	L16010-02	12/10/2009	La-140	-2.80E+00	3.20E+00	1.20E+01
WD	LTW	L16010-02	12/10/2009	Mn-54	-9.00E-01	1.30E+00	4.80E+00
WD	LTW	L16010-02	12/10/2009	Nb-95	-2.30E+00	1.80E+00	6.50E+00
WD	LTW	L16010-02	12/10/2009	Ru-103	-2.10E+00	1.80E+00	6.50E+00
WD	LTW	L16010-02	12/10/2009	Ru-106	-1.30E+01	1.30E+01	4.70E+01
WD	LTW	L16010-02	12/10/2009	Sb-124	-4.20E+00	3.10E+00	1.30E+01
WD	LTW	L16010-02	12/10/2009	Sb-125	2.30E+00	3.70E+00	1.20E+01
WD	LTW	L16010-02	12/10/2009	Se-75	-5.00E-01	1.80E+00	6.20E+00
WD	LTW	L16010-02	12/10/2009	Zn-65	8.60E+00	5.10E+00	1.70E+01
WD	LTW	L16010-02	12/10/2009	Zr-95	9.00E-01	2.30E+00	7.90E+00
WD	STJ	L16048-01	12/24/2009	AcTh-228	-4.30E+00	3.50E+00	1.60E+01
WD	STJ	L16048-01	12/24/2009	Ag-108m	1.60E-01	8.20E-01	2.90E+00
WD	STJ	L16048-01	12/24/2009	Ag-110m	-2.00E-01	1.40E+00	5.00E+00
WD	STJ	L16048-01	12/24/2009	Ba-140	-1.00E+00	3.70E+00	1.40E+01
WD	STJ	L16048-01	12/24/2009	Be-7	-1.90E+00	8.50E+00	3.10E+01
WD	STJ	L16048-01	12/24/2009	Ce-141	-1.00E+00	2.00E+00	6.80E+00
WD	STJ	L16048-01	12/24/2009	Ce-144	9.00E+00	5.70E+00	1.90E+01
WD	STJ	L16048-01	12/24/2009	Co-57	6.10E-01	6.30E-01	2.10E+00
WD	STJ	L16048-01	12/24/2009	Co-58	3.00E-01	1.10E+00	3.90E+00
WD	STJ	L16048-01	12/24/2009	Co-60	-6.00E-01	1.10E+00	4.40E+00
WD	STJ	L16048-01	12/24/2009	Cr-51	5.00E+00	1.10E+01	3.80E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	STJ	L16048-01	12/24/2009	Cs-134	-2.50E-01	8.10E-01	3.80E+00
WD	STJ	L16048-01	12/24/2009	Cs-137	0.00E+00	1.00E+00	3.70E+00
WD	STJ	L16048-01	12/24/2009	Fe-59	2.70E+00	2.40E+00	8.00E+00
WD	STJ	L16048-01	12/24/2009	Gross Beta	4.30E+00	1.20E+00	3.30E+00 *
WD	STJ	L16048-01	12/24/2009	I-131	4.60E-01	3.20E-01	9.80E-01
WD	STJ	L16048-01	12/24/2009	K-40	-3.00E+00	1.40E+01	5.30E+01
WD	STJ	L16048-01	12/24/2009	La-140	-1.00E+00	3.70E+00	1.40E+01
WD	STJ	L16048-01	12/24/2009	Mn-54	1.30E-01	9.10E-01	3.30E+00
WD	STJ	L16048-01	12/24/2009	Nb-95	-9.00E-01	1.40E+00	5.10E+00
WD	STJ	L16048-01	12/24/2009	Ru-103	0.00E+00	1.20E+00	4.40E+00
WD	STJ	L16048-01	12/24/2009	Ru-106	0.00E+00	9.00E+00	3.20E+01
WD	STJ	L16048-01	12/24/2009	Sb-124	1.00E-01	2.80E+00	1.10E+01
WD	STJ	L16048-01	12/24/2009	Sb-125	-4.80E+00	2.40E+00	9.50E+00
WD	STJ	L16048-01	12/24/2009	Se-75	-8.00E-01	1.20E+00	4.30E+00
WD	STJ	L16048-01	12/24/2009	Zn-65	-3.20E+00	2.60E+00	1.00E+01
WD	STJ	L16048-01	12/24/2009	Zr-95	0.00E+00	1.90E+00	6.90E+00
WD	LTW	L16048-02	12/24/2009	AcTh-228	6.20E+00	4.70E+00	1.60E+01
WD	LTW	L16048-02	12/24/2009	Ag-108m	9.00E-01	8.40E-01	2.90E+00
WD	LTW	L16048-02	12/24/2009	Ag-110m	5.00E-01	1.60E+00	5.80E+00
WD	LTW	L16048-02	12/24/2009	Ba-140	3.00E+00	3.80E+00	1.40E+01
WD	LTW	L16048-02	12/24/2009	Be-7	1.78E+01	9.70E+00	3.10E+01
WD	LTW	L16048-02	12/24/2009	Ce-141	3.10E+00	2.20E+00	7.20E+00
WD	LTW	L16048-02	12/24/2009	Ce-144	4.30E+00	5.60E+00	1.90E+01
WD	LTW	L16048-02	12/24/2009	Co-57	-1.30E-01	7.10E-01	2.50E+00
WD	LTW	L16048-02	12/24/2009	Co-58	2.00E-01	1.20E+00	4.30E+00
WD	LTW	L16048-02	12/24/2009	Co-60	2.10E+00	1.20E+00	3.80E+00
WD	LTW	L16048-02	12/24/2009	Cr-51	-1.40E+01	1.10E+01	4.20E+01
WD	LTW	L16048-02	12/24/2009	Cs-134	-2.40E-01	9.50E-01	4.40E+00
WD	LTW	L16048-02	12/24/2009	Cs-137	-1.60E+00	1.10E+00	4.40E+00
WD	LTW	L16048-02	12/24/2009	Fe-59	0.00E+00	2.60E+00	9.70E+00
WD	LTW	L16048-02	12/24/2009	Gross Beta	6.00E+00	1.20E+00	3.10E+00 *
WD	LTW	L16048-02	12/24/2009	I-131	1.40E-01	2.30E-01	9.80E-01
WD	LTW	L16048-02	12/24/2009	K-40	-5.00E+00	1.50E+01	5.50E+01
WD	LTW	L16048-02	12/24/2009	La-140	3.00E+00	3.80E+00	1.40E+01
WD	LTW	L16048-02	12/24/2009	Mn-54	-6.40E-01	9.50E-01	3.70E+00
WD	LTW	L16048-02	12/24/2009	Nb-95	1.40E+00	1.50E+00	5.20E+00
WD	LTW	L16048-02	12/24/2009	Ru-103	-3.00E+00	1.50E+00	5.80E+00
WD	LTW	L16048-02	12/24/2009	Ru-106	2.80E+00	9.90E+00	3.50E+01
WD	LTW	L16048-02	12/24/2009	Sb-124	-4.10E+00	3.40E+00	1.40E+01
WD	LTW	L16048-02	12/24/2009	Sb-125	1.20E+00	2.50E+00	8.80E+00
WD	LTW	L16048-02	12/24/2009	Se-75	1.00E+00	1.30E+00	4.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WD	LTW	L16048-02	12/24/2009	Zn-65	-2.80E+00	2.80E+00	1.10E+01
WD	LTW	L16048-02	12/24/2009	Zr-95	2.80E+00	2.20E+00	7.30E+00
WD	STJ	L15153-01	2/12/2009	H-3	-4.90E+02	4.40E+02	1.30E+03
WD	LTW	L15153-02	2/12/2009	H-3	-3.70E+02	4.50E+02	1.40E+03
WD	STJ	L15423-01	5/14/2009	H-3	-7.10E+02	4.40E+02	1.30E+03
WD	LTW	L15423-02	5/14/2009	H-3	-9.00E+02	4.30E+02	1.30E+03
WD	STJ	L15805-01	8/13/2009	H-3	5.50E+02	3.40E+02	1.00E+03
WD	LTW	L15805-02	8/13/2009	H-3	1.01E+03	3.60E+02	1.00E+03
WD	STJ	L16065-01	11/12/2009	H-3	4.00E+02	4.50E+02	1.30E+03
WD	LTW	L16065-02	11/12/2009	H-3	-3.50E+02	4.40E+02	1.30E+03
WG	W-3	L14826-01	1/19/2009	AcTh-228	4.60E+00	8.20E+00	2.90E+01
WG	W-3	L14826-01	1/19/2009	Ag-108m	1.40E+00	1.70E+00	5.70E+00
WG	W-3	L14826-01	1/19/2009	Ag-110m	2.60E+00	2.90E+00	1.00E+01
WG	W-3	L14826-01	1/19/2009	Ba-140	0.00E+00	3.50E+00	1.40E+01
WG	W-3	L14826-01	1/19/2009	Be-7	-9.00E+00	1.80E+01	6.70E+01
WG	W-3	L14826-01	1/19/2009	Ce-141	-1.80E+00	3.10E+00	1.10E+01
WG	W-3	L14826-01	1/19/2009	Ce-144	3.00E+00	1.20E+01	4.20E+01
WG	W-3	L14826-01	1/19/2009	Co-57	-1.40E+00	1.40E+00	5.10E+00
WG	W-3	L14826-01	1/19/2009	Co-58	-9.00E-01	1.90E+00	7.30E+00
WG	W-3	L14826-01	1/19/2009	Co-60	2.10E+00	2.40E+00	8.30E+00
WG	W-3	L14826-01	1/19/2009	Cr-51	4.00E+00	1.80E+01	6.20E+01
WG	W-3	L14826-01	1/19/2009	Cs-134	2.00E+00	1.70E+00	7.80E+00
WG	W-3	L14826-01	1/19/2009	Cs-137	-6.00E-01	2.40E+00	8.80E+00
WG	W-3	L14826-01	1/19/2009	Fe-59	-3.20E+00	3.50E+00	1.50E+01
WG	W-3	L14826-01	1/19/2009	H-3	2.00E+02	4.30E+02	1.20E+03
WG	W-3	L14826-01	1/19/2009	I-131	-2.80E+00	3.60E+00	1.40E+01
WG	W-3	L14826-01	1/19/2009	K-40	8.00E+00	2.90E+01	1.00E+02
WG	W-3	L14826-01	1/19/2009	La-140	0.00E+00	3.50E+00	1.40E+01
WG	W-3	L14826-01	1/19/2009	Mn-54	-4.50E+00	2.20E+00	9.10E+00
WG	W-3	L14826-01	1/19/2009	Nb-95	-2.00E+00	2.50E+00	9.50E+00
WG	W-3	L14826-01	1/19/2009	Ru-103	1.80E+00	2.10E+00	7.30E+00
WG	W-3	L14826-01	1/19/2009	Ru-106	-7.00E+00	1.70E+01	6.40E+01
WG	W-3	L14826-01	1/19/2009	Sb-124	-3.40E+00	4.40E+00	1.90E+01
WG	W-3	L14826-01	1/19/2009	Sb-125	3.40E+00	5.30E+00	1.80E+01
WG	W-3	L14826-01	1/19/2009	Se-75	-2.20E+00	2.30E+00	8.40E+00
WG	W-3	L14826-01	1/19/2009	Zn-65	-7.50E+00	4.60E+00	1.90E+01
WG	W-3	L14826-01	1/19/2009	Zr-95	3.80E+00	3.50E+00	1.20E+01
WG	W-10	L14826-02	1/20/2009	AcTh-228	0.00E+00	6.70E+00	2.40E+01
WG	W-10	L14826-02	1/20/2009	Ag-108m	-9.00E-01	1.40E+00	5.00E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-10	L14826-02	1/20/2009	Ag-110m	2.30E+00	2.50E+00	8.50E+00
WG	W-10	L14826-02	1/20/2009	Ba-140	5.60E+00	2.80E+00	8.80E+00
WG	W-10	L14826-02	1/20/2009	Be-7	-2.10E+01	1.30E+01	5.10E+01
WG	W-10	L14826-02	1/20/2009	Ce-141	-5.20E+00	4.20E+00	1.50E+01
WG	W-10	L14826-02	1/20/2009	Ce-144	6.80E+00	9.80E+00	3.30E+01
WG	W-10	L14826-02	1/20/2009	Co-57	1.10E+00	1.30E+00	4.20E+00
WG	W-10	L14826-02	1/20/2009	Co-58	-3.40E+00	1.70E+00	6.90E+00
WG	W-10	L14826-02	1/20/2009	Co-60	3.00E-01	1.70E+00	6.40E+00
WG	W-10	L14826-02	1/20/2009	Cr-51	2.00E+00	1.50E+01	5.30E+01
WG	W-10	L14826-02	1/20/2009	Cs-134	1.50E+00	1.10E+00	5.50E+00
WG	W-10	L14826-02	1/20/2009	Cs-137	3.00E-01	1.70E+00	5.90E+00
WG	W-10	L14826-02	1/20/2009	Fe-59	-2.70E+00	3.90E+00	1.50E+01
WG	W-10	L14826-02	1/20/2009	H-3	6.90E+02	4.40E+02	1.20E+03
WG	W-10	L14826-02	1/20/2009	I-131	-3.80E+00	3.20E+00	1.20E+01
WG	W-10	L14826-02	1/20/2009	K-40	-1.70E+01	2.50E+01	9.20E+01
WG	W-10	L14826-02	1/20/2009	La-140	5.60E+00	2.80E+00	8.80E+00
WG	W-10	L14826-02	1/20/2009	Mn-54	-2.20E+00	1.70E+00	6.50E+00
WG	W-10	L14826-02	1/20/2009	Nb-95	1.80E+00	2.10E+00	7.20E+00
WG	W-10	L14826-02	1/20/2009	Ru-103	-2.80E+00	2.00E+00	7.50E+00
WG	W-10	L14826-02	1/20/2009	Ru-106	1.00E+00	1.60E+01	5.70E+01
WG	W-10	L14826-02	1/20/2009	Sb-124	-3.00E+00	3.60E+00	1.50E+01
WG	W-10	L14826-02	1/20/2009	Sb-125	2.00E+00	4.60E+00	1.60E+01
WG	W-10	L14826-02	1/20/2009	Se-75	-1.90E+00	2.10E+00	7.40E+00
WG	W-10	L14826-02	1/20/2009	Zn-65	4.00E+00	7.10E+00	2.40E+01
WG	W-10	L14826-02	1/20/2009	Zr-95	2.50E+00	3.10E+00	1.10E+01
WG	W-11	L14826-03	1/21/2009	AcTh-228	1.40E+00	5.10E+00	1.80E+01
WG	W-11	L14826-03	1/21/2009	Ag-108m	-7.00E-01	1.20E+00	4.10E+00
WG	W-11	L14826-03	1/21/2009	Ag-110m	-4.20E+00	1.70E+00	6.70E+00
WG	W-11	L14826-03	1/21/2009	Ba-140	-4.00E-01	3.30E+00	1.20E+01
WG	W-11	L14826-03	1/21/2009	Be-7	-5.00E+00	1.30E+01	4.40E+01
WG	W-11	L14826-03	1/21/2009	Ce-141	1.60E+00	2.30E+00	7.80E+00
WG	W-11	L14826-03	1/21/2009	Ce-144	-4.10E+00	7.30E+00	2.50E+01
WG	W-11	L14826-03	1/21/2009	Co-57	-6.00E-01	1.00E+00	3.50E+00
WG	W-11	L14826-03	1/21/2009	Co-58	-1.00E-01	1.40E+00	4.90E+00
WG	W-11	L14826-03	1/21/2009	Co-60	-2.10E+00	1.50E+00	5.70E+00
WG	W-11	L14826-03	1/21/2009	Cr-51	-1.80E+01	1.30E+01	4.70E+01
WG	W-11	L14826-03	1/21/2009	Cs-134	-4.00E-01	1.40E+00	5.40E+00
WG	W-11	L14826-03	1/21/2009	Cs-137	-2.00E-01	1.30E+00	4.80E+00
WG	W-11	L14826-03	1/21/2009	Fe-59	2.00E+00	2.80E+00	9.80E+00
WG	W-11	L14826-03	1/21/2009	H-3	2.30E+02	4.20E+02	1.20E+03
WG	W-11	L14826-03	1/21/2009	I-131	-6.00E-01	3.90E+00	1.40E+01
WG	W-11	L14826-03	1/21/2009	K-40	0.00E+00	2.00E+01	7.20E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-11	L14826-03	1/21/2009	La-140	-4.00E-01	3.30E+00	1.20E+01
WG	W-11	L14826-03	1/21/2009	Mn-54	9.00E-01	1.40E+00	4.70E+00
WG	W-11	L14826-03	1/21/2009	Nb-95	-2.00E-01	1.70E+00	6.10E+00
WG	W-11	L14826-03	1/21/2009	Ru-103	-2.50E+00	1.60E+00	5.90E+00
WG	W-11	L14826-03	1/21/2009	Ru-106	3.00E+00	1.20E+01	4.10E+01
WG	W-11	L14826-03	1/21/2009	Sb-124	-4.00E+00	3.70E+00	1.40E+01
WG	W-11	L14826-03	1/21/2009	Sb-125	4.20E+00	3.60E+00	1.20E+01
WG	W-11	L14826-03	1/21/2009	Se-75	-1.00E+00	1.60E+00	5.50E+00
WG	W-11	L14826-03	1/21/2009	Zn-65	1.60E+00	5.00E+00	1.70E+01
WG	W-11	L14826-03	1/21/2009	Zr-95	0.00E+00	2.40E+00	8.70E+00
WG	W-12	L14826-04	1/21/2009	AcTh-228	6.00E+00	9.20E+00	3.20E+01
WG	W-12	L14826-04	1/21/2009	Ag-108m	-4.00E-01	1.60E+00	5.60E+00
WG	W-12	L14826-04	1/21/2009	Ag-110m	-4.40E+00	2.50E+00	1.00E+01
WG	W-12	L14826-04	1/21/2009	Ba-140	0.00E+00	3.80E+00	1.40E+01
WG	W-12	L14826-04	1/21/2009	Be-7	-1.00E+00	1.50E+01	5.40E+01
WG	W-12	L14826-04	1/21/2009	Ce-141	1.00E+00	2.70E+00	9.20E+00
WG	W-12	L14826-04	1/21/2009	Ce-144	-4.80E+00	8.90E+00	3.10E+01
WG	W-12	L14826-04	1/21/2009	Co-57	5.00E-01	1.10E+00	3.70E+00
WG	W-12	L14826-04	1/21/2009	Co-58	1.10E+00	1.90E+00	6.70E+00
WG	W-12	L14826-04	1/21/2009	Co-60	-2.20E+00	2.20E+00	8.60E+00
WG	W-12	L14826-04	1/21/2009	Cr-51	-9.00E+00	1.60E+01	5.80E+01
WG	W-12	L14826-04	1/21/2009	Cs-134	-2.00E+00	1.60E+00	7.70E+00
WG	W-12	L14826-04	1/21/2009	Cs-137	-4.20E+00	2.10E+00	8.10E+00
WG	W-12	L14826-04	1/21/2009	Fe-59	-2.40E+00	3.90E+00	1.50E+01
WG	W-12	L14826-04	1/21/2009	H-3	7.60E+02	4.40E+02	1.20E+03
WG	W-12	L14826-04	1/21/2009	I-131	-2.80E+00	3.90E+00	1.40E+01
WG	W-12	L14826-04	1/21/2009	K-40	-2.10E+01	3.20E+01	1.20E+02
WG	W-12	L14826-04	1/21/2009	La-140	0.00E+00	3.80E+00	1.40E+01
WG	W-12	L14826-04	1/21/2009	Mn-54	2.00E-01	1.60E+00	5.90E+00
WG	W-12	L14826-04	1/21/2009	Nb-95	6.00E-01	2.00E+00	7.00E+00
WG	W-12	L14826-04	1/21/2009	Ru-103	-2.00E-01	1.90E+00	6.70E+00
WG	W-12	L14826-04	1/21/2009	Ru-106	-4.00E+00	1.70E+01	6.20E+01
WG	W-12	L14826-04	1/21/2009	Sb-124	3.90E+00	5.80E+00	2.10E+01
WG	W-12	L14826-04	1/21/2009	Sb-125	-4.00E-01	4.90E+00	1.70E+01
WG	W-12	L14826-04	1/21/2009	Se-75	2.80E+00	1.80E+00	6.00E+00
WG	W-12	L14826-04	1/21/2009	Zn-65	-1.80E+00	4.20E+00	1.60E+01
WG	W-12	L14826-04	1/21/2009	Zr-95	9.00E-01	3.10E+00	1.10E+01
WG	W-13	L14826-05	1/20/2009	AcTh-228	-1.41E+01	7.70E+00	3.10E+01
WG	W-13	L14826-05	1/20/2009	Ag-108m	6.00E-01	1.40E+00	4.70E+00
WG	W-13	L14826-05	1/20/2009	Ag-110m	-1.00E+00	2.30E+00	8.80E+00
WG	W-13	L14826-05	1/20/2009	Ba-140	1.40E+00	3.40E+00	1.30E+01
WG	W-13	L14826-05	1/20/2009	Be-7	-1.40E+01	1.40E+01	5.20E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD DEV (pCi/l)	MDC (pCi/l)
WG	W-13	L14826-05	1/20/2009	Ce-141	3.50E+00	2.80E+00	9.30E+00
WG	W-13	L14826-05	1/20/2009	Ce-144	1.92E+01	9.30E+00	3.00E+01
WG	W-13	L14826-05	1/20/2009	Co-57	-5.00E-01	1.10E+00	3.90E+00
WG	W-13	L14826-05	1/20/2009	Co-58	1.20E+00	1.90E+00	6.50E+00
WG	W-13	L14826-05	1/20/2009	Co-60	1.10E+00	2.20E+00	7.90E+00
WG	W-13	L14826-05	1/20/2009	Cr-51	8.00E+00	1.60E+01	5.60E+01
WG	W-13	L14826-05	1/20/2009	Cs-134	2.80E+00	1.60E+00	6.20E+00
WG	W-13	L14826-05	1/20/2009	Cs-137	6.00E-01	2.10E+00	7.30E+00
WG	W-13	L14826-05	1/20/2009	Fe-59	6.10E+00	3.40E+00	1.10E+01
WG	W-13	L14826-05	1/20/2009	H-3	7.70E+02	4.40E+02	1.20E+03
WG	W-13	L14826-05	1/20/2009	I-131	-1.60E+00	3.60E+00	1.30E+01
WG	W-13	L14826-05	1/20/2009	K-40	-1.90E+01	2.60E+01	9.90E+01
WG	W-13	L14826-05	1/20/2009	La-140	1.40E+00	3.40E+00	1.30E+01
WG	W-13	L14826-05	1/20/2009	Mn-54	2.00E+00	1.70E+00	5.70E+00
WG	W-13	L14826-05	1/20/2009	Nb-95	8.00E-01	2.00E+00	7.00E+00
WG	W-13	L14826-05	1/20/2009	Ru-103	-1.70E+00	1.80E+00	6.80E+00
WG	W-13	L14826-05	1/20/2009	Ru-106	-2.40E+01	1.60E+01	6.20E+01
WG	W-13	L14826-05	1/20/2009	Sb-124	8.90E+00	5.30E+00	1.70E+01
WG	W-13	L14826-05	1/20/2009	Sb-125	2.20E+00	4.50E+00	1.60E+01
WG	W-13	L14826-05	1/20/2009	Se-75	1.40E+00	1.80E+00	6.30E+00
WG	W-13	L14826-05	1/20/2009	Zn-65	0.00E+00	5.20E+00	1.90E+01
WG	W-13	L14826-05	1/20/2009	Zr-95	-5.30E+00	3.30E+00	1.30E+01
WG	W-14	L14826-06	1/20/2009	AcTh-228	-3.60E+00	5.50E+00	2.00E+01
WG	W-14	L14826-06	1/20/2009	Ag-108m	-4.00E-01	1.10E+00	4.10E+00
WG	W-14	L14826-06	1/20/2009	Ag-110m	-1.00E-01	2.00E+00	7.00E+00
WG	W-14	L14826-06	1/20/2009	Ba-140	1.10E+00	2.70E+00	9.60E+00
WG	W-14	L14826-06	1/20/2009	Bc-7	0.00E+00	1.10E+01	3.80E+01
WG	W-14	L14826-06	1/20/2009	Ce-141	2.40E+00	2.00E+00	6.50E+00
WG	W-14	L14826-06	1/20/2009	Ce-144	4.00E-01	7.80E+00	2.70E+01
WG	W-14	L14826-06	1/20/2009	Co-57	-1.10E+00	1.00E+00	3.60E+00
WG	W-14	L14826-06	1/20/2009	Co-58	0.00E+00	1.30E+00	4.80E+00
WG	W-14	L14826-06	1/20/2009	Co-60	-9.00E-01	1.40E+00	5.30E+00
WG	W-14	L14826-06	1/20/2009	Cr-51	-2.00E+00	1.20E+01	4.10E+01
WG	W-14	L14826-06	1/20/2009	Cs-134	1.90E+00	1.40E+00	5.10E+00
WG	W-14	L14826-06	1/20/2009	Cs-137	-6.00E-01	1.40E+00	5.00E+00
WG	W-14	L14826-06	1/20/2009	Fe-59	1.50E+00	2.60E+00	9.30E+00
WG	W-14	L14826-06	1/20/2009	H-3	8.40E+02	4.40E+02	1.20E+03
WG	W-14	L14826-06	1/20/2009	I-131	1.50E+00	2.80E+00	9.70E+00
WG	W-14	L14826-06	1/20/2009	K-40	-2.20E+01	2.10E+01	7.80E+01
WG	W-14	L14826-06	1/20/2009	La-140	1.10E+00	2.70E+00	9.60E+00
WG	W-14	L14826-06	1/20/2009	Mn-54	-2.20E+00	1.30E+00	5.00E+00
WG	W-14	L14826-06	1/20/2009	Nb-95	5.00E-01	1.60E+00	7.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-14	L14826-06	1/20/2009	Ru-103	-1.20E+00	1.50E+00	5.30E+00
WG	W-14	L14826-06	1/20/2009	Ru-106	9.00E+00	1.30E+01	4.40E+01
WG	W-14	L14826-06	1/20/2009	Sb-124	2.00E+00	3.10E+00	1.10E+01
WG	W-14	L14826-06	1/20/2009	Sb-125	2.80E+00	3.50E+00	1.20E+01
WG	W-14	L14826-06	1/20/2009	Se-75	-1.70E+00	1.50E+00	5.40E+00
WG	W-14	L14826-06	1/20/2009	Zn-65	5.10E+00	5.00E+00	1.70E+01
WG	W-14	L14826-06	1/20/2009	Zr-95	2.00E+01	2.40E+00	8.40E+00
WG	W-15	L14826-07	1/19/2009	AcTh-228	-6.80E+00	6.30E+00	2.40E+01
WG	W-15	L14826-07	1/19/2009	Ag-108m	-1.50E+00	1.50E+00	5.30E+00
WG	W-15	L14826-07	1/19/2009	Ag-110m	-1.70E+00	2.20E+00	8.40E+00
WG	W-15	L14826-07	1/19/2009	Ba-140	-2.60E+00	2.90E+00	1.20E+01
WG	W-15	L14826-07	1/19/2009	Be-7	1.60E+01	1.30E+01	4.50E+01
WG	W-15	L14826-07	1/19/2009	Ce-141	0.00E+00	2.50E+00	8.80E+00
WG	W-15	L14826-07	1/19/2009	Ce-144	7.90E+00	9.80E+00	3.30E+01
WG	W-15	L14826-07	1/19/2009	Co-57	1.70E+00	1.20E+00	4.10E+00
WG	W-15	L14826-07	1/19/2009	Co-58	-1.00E+00	1.50E+00	5.90E+00
WG	W-15	L14826-07	1/19/2009	Co-60	3.00E-01	1.90E+00	6.90E+00
WG	W-15	L14826-07	1/19/2009	Cr-51	2.00E+00	1.50E+01	5.20E+01
WG	W-15	L14826-07	1/19/2009	Cs-134	1.10E+00	1.70E+00	6.40E+00
WG	W-15	L14826-07	1/19/2009	Cs-137	3.30E+00	1.60E+00	5.10E+00
WG	W-15	L14826-07	1/19/2009	Fe-59	5.00E-01	3.60E+00	1.30E+01
WG	W-15	L14826-07	1/19/2009	H-3	8.90E+02	4.40E+02	1.20E+03
WG	W-15	L14826-07	1/19/2009	I-131	1.30E+00	2.90E+00	1.00E+01
WG	W-15	L14826-07	1/19/2009	K-40	6.00E+00	2.70E+01	9.50E+01
WG	W-15	L14826-07	1/19/2009	La-140	-2.60E+00	2.90E+00	1.20E+01
WG	W-15	L14826-07	1/19/2009	Mn-54	-8.00E-01	1.70E+00	6.30E+00
WG	W-15	L14826-07	1/19/2009	Nb-95	-1.90E+00	2.10E+00	7.90E+00
WG	W-15	L14826-07	1/19/2009	Ru-103	-1.20E+00	1.90E+00	7.00E+00
WG	W-15	L14826-07	1/19/2009	Ru-106	-5.00E+00	1.40E+01	5.20E+01
WG	W-15	L14826-07	1/19/2009	Sb-124	-9.00E+00	3.70E+00	1.70E+01
WG	W-15	L14826-07	1/19/2009	Sb-125	-6.10E+00	4.00E+00	1.50E+01
WG	W-15	L14826-07	1/19/2009	Se-75	-4.00E-01	2.00E+00	7.00E+00
WG	W-15	L14826-07	1/19/2009	Zn-65	7.10E+00	7.00E+00	2.30E+01
WG	W-15	L14826-07	1/19/2009	Zr-95	7.00E-01	2.60E+00	9.50E+00
WG	MW-20	L14826-08	1/21/2009	AcTh-228	8.90E+00	5.00E+00	1.60E+01
WG	MW-20	L14826-08	1/21/2009	Ag-108m	-1.80E+00	1.10E+00	4.20E+00
WG	MW-20	L14826-08	1/21/2009	Ag-110m	-2.20E+00	2.00E+00	7.40E+00
WG	MW-20	L14826-08	1/21/2009	Ba-140	-2.20E+00	2.50E+00	9.80E+00
WG	MW-20	L14826-08	1/21/2009	Be-7	-5.00E+00	1.10E+01	4.00E+01
WG	MW-20	L14826-08	1/21/2009	Ce-141	4.80E+00	2.20E+00	7.00E+00
WG	MW-20	L14826-08	1/21/2009	Ce-144	1.00E-01	8.00E+00	2.70E+01
WG	MW-20	L14826-08	1/21/2009	Co-57	-8.00E-01	1.00E+00	3.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WG	MW-20	L14826-08	1/21/2009	Co-58	-1.20E+00	1.40E+00	5.30E+00
WG	MW-20	L14826-08	1/21/2009	Co-60	-1.40E+00	1.30E+00	5.20E+00
WG	MW-20	L14826-08	1/21/2009	Cr-51	2.50E+01	1.20E+01	3.90E+01
WG	MW-20	L14826-08	1/21/2009	Cs-134	6.00E-01	1.10E+00	4.70E+00
WG	MW-20	L14826-08	1/21/2009	Cs-137	-5.00E-01	1.30E+00	4.80E+00
WG	MW-20	L14826-08	1/21/2009	Fe-59	-2.50E+00	2.90E+00	1.10E+01
WG	MW-20	L14826-08	1/21/2009	H-3	-1.00E+01	4.30E+02	1.20E+03
WG	MW-20	L14826-08	1/21/2009	I-131	-1.60E+00	2.50E+00	9.00E+00
WG	MW-20	L14826-08	1/21/2009	K-40	-1.70E+01	1.90E+01	6.90E+01
WG	MW-20	L14826-08	1/21/2009	La-140	-2.20E+00	2.50E+00	9.80E+00
WG	MW-20	L14826-08	1/21/2009	Mn-54	-6.00E-01	1.30E+00	4.90E+00
WG	MW-20	L14826-08	1/21/2009	Nb-95	0.00E+00	1.70E+00	6.00E+00
WG	MW-20	L14826-08	1/21/2009	Ru-103	-1.00E+00	1.60E+00	5.60E+00
WG	MW-20	L14826-08	1/21/2009	Ru-106	1.10E+01	1.30E+01	4.40E+01
WG	MW-20	L14826-08	1/21/2009	Sb-124	-1.60E+00	3.80E+00	1.40E+01
WG	MW-20	L14826-08	1/21/2009	Sb-125	1.10E+00	3.50E+00	1.20E+01
WG	MW-20	L14826-08	1/21/2009	Se-75	1.40E+00	1.70E+00	5.80E+00
WG	MW-20	L14826-08	1/21/2009	Zn-65	-2.60E+00	4.00E+00	1.50E+01
WG	MW-20	L14826-08	1/21/2009	Zr-95	-1.00E+00	2.70E+00	9.60E+00
WG	MW-21	L14826-09	1/21/2009	AcTh-228	2.50E+00	7.30E+00	2.60E+01
WG	MW-21	L14826-09	1/21/2009	Ag-108m	3.40E+00	1.50E+00	4.90E+00
WG	MW-21	L14826-09	1/21/2009	Ag-110m	5.50E+00	2.70E+00	8.50E+00
WG	MW-21	L14826-09	1/21/2009	Ba-140	-3.00E+00	3.70E+00	1.50E+01
WG	MW-21	L14826-09	1/21/2009	Be-7	9.00E+00	1.50E+01	5.30E+01
WG	MW-21	L14826-09	1/21/2009	Ce-141	-3.70E+00	2.60E+00	9.40E+00
WG	MW-21	L14826-09	1/21/2009	Ce-144	6.90E+00	9.00E+00	3.10E+01
WG	MW-21	L14826-09	1/21/2009	Co-57	-4.00E-01	1.10E+00	4.00E+00
WG	MW-21	L14826-09	1/21/2009	Co-58	-2.50E+00	2.00E+00	7.90E+00
WG	MW-21	L14826-09	1/21/2009	Co-60	1.20E+00	2.10E+00	7.40E+00
WG	MW-21	L14826-09	1/21/2009	Cr-51	-1.60E+01	1.50E+01	5.30E+01
WG	MW-21	L14826-09	1/21/2009	Cs-134	-1.00E-01	1.30E+00	6.40E+00
WG	MW-21	L14826-09	1/21/2009	Cs-137	-2.00E-01	1.90E+00	6.80E+00
WG	MW-21	L14826-09	1/21/2009	Fe-59	1.80E+00	3.70E+00	1.30E+01
WG	MW-21	L14826-09	1/21/2009	H-3	1.00E+01	4.30E+02	1.20E+03
WG	MW-21	L14826-09	1/21/2009	I-131	2.70E+00	3.00E+00	1.00E+01
WG	MW-21	L14826-09	1/21/2009	K-40	-2.00E+00	2.80E+01	1.00E+02
WG	MW-21	L14826-09	1/21/2009	La-140	-3.00E+00	3.70E+00	1.50E+01
WG	MW-21	L14826-09	1/21/2009	Mn-54	-1.00E+00	2.00E+00	7.50E+00
WG	MW-21	L14826-09	1/21/2009	Nb-95	-4.20E+00	2.50E+00	9.60E+00
WG	MW-21	L14826-09	1/21/2009	Ru-103	-6.00E+00	1.80E+00	7.40E+00
WG	MW-21	L14826-09	1/21/2009	Ru-106	-4.00E+00	1.40E+01	5.30E+01
WG	MW-21	L14826-09	1/21/2009	Sb-124	-1.00E+00	4.30E+00	1.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	MW-21	L14826-09	1/21/2009	Sb-125	-4.80E+00	4.50E+00	1.70E+01
WG	MW-21	L14826-09	1/21/2009	Se-75	1.10E+00	1.90E+00	6.60E+00
WG	MW-21	L14826-09	1/21/2009	Zn-65	-9.70E+00	4.30E+00	1.80E+01
WG	MW-21	L14826-09	1/21/2009	Zr-95	-3.50E+00	3.60E+00	1.40E+01
WG	W-1	L14839-01	1/22/2009	AcTh-228	-1.70E+00	7.50E+00	2.70E+01
WG	W-1	L14839-01	1/22/2009	Ag-108m	6.00E-01	1.40E+00	4.90E+00
WG	W-1	L14839-01	1/22/2009	Ag-110m	-7.00E-01	2.30E+00	8.70E+00
WG	W-1	L14839-01	1/22/2009	Ba-140	6.00E+00	3.80E+00	1.30E+01
WG	W-1	L14839-01	1/22/2009	Be-7	5.00E+00	1.40E+01	5.10E+01
WG	W-1	L14839-01	1/22/2009	Ce-141	0.00E+00	2.40E+00	8.60E+00
WG	W-1	L14839-01	1/22/2009	Ce-144	-9.80E+00	9.80E+00	3.50E+01
WG	W-1	L14839-01	1/22/2009	Co-57	2.10E+00	1.30E+00	4.10E+00
WG	W-1	L14839-01	1/22/2009	Co-58	-2.80E+00	1.70E+00	7.00E+00
WG	W-1	L14839-01	1/22/2009	Co-60	-5.20E+00	2.20E+00	9.20E+00
WG	W-1	L14839-01	1/22/2009	Cr-51	-2.00E+00	1.70E+01	6.20E+01
WG	W-1	L14839-01	1/22/2009	Cs-134	-5.00E-01	1.40E+00	6.30E+00
WG	W-1	L14839-01	1/22/2009	Cs-137	-1.70E+00	1.60E+00	6.30E+00
WG	W-1	L14839-01	1/22/2009	Fe-59	2.20E+00	4.20E+00	1.50E+01
WG	W-1	L14839-01	1/22/2009	H-3	3.10E+02	4.40E+02	1.20E+03
WG	W-1	L14839-01	1/22/2009	I-131	-4.70E+00	4.60E+00	1.70E+01
WG	W-1	L14839-01	1/22/2009	K-40	-3.00E+00	2.50E+01	9.10E+01
WG	W-1	L14839-01	1/22/2009	La-140	6.00E+00	3.80E+00	1.30E+01
WG	W-1	L14839-01	1/22/2009	Mn-54	5.00E-01	1.60E+00	5.60E+00
WG	W-1	L14839-01	1/22/2009	Nb-95	-2.60E+00	2.30E+00	8.70E+00
WG	W-1	L14839-01	1/22/2009	Ru-103	2.40E+00	2.10E+00	7.10E+00
WG	W-1	L14839-01	1/22/2009	Ru-106	1.60E+01	1.50E+01	5.20E+01
WG	W-1	L14839-01	1/22/2009	Sb-124	-9.00E-01	4.60E+00	1.80E+01
WG	W-1	L14839-01	1/22/2009	Sb-125	-1.40E+00	4.20E+00	1.50E+01
WG	W-1	L14839-01	1/22/2009	Se-75	-2.10E+00	2.30E+00	8.40E+00
WG	W-1	L14839-01	1/22/2009	Zn-65	-6.20E+00	3.80E+00	1.50E+01
WG	W-1	L14839-01	1/22/2009	Zr-95	0.00E+00	3.40E+00	1.20E+01
WG	W-2	L14839-02	1/21/2009	AcTh-228	6.10E+00	7.10E+00	2.50E+01
WG	W-2	L14839-02	1/21/2009	Ag-108m	-1.60E+00	1.50E+00	5.60E+00
WG	W-2	L14839-02	1/21/2009	Ag-110m	8.00E-01	3.00E+00	1.10E+01
WG	W-2	L14839-02	1/21/2009	Ba-140	1.60E+00	4.00E+00	1.50E+01
WG	W-2	L14839-02	1/21/2009	Be-7	-1.50E+01	1.40E+01	5.50E+01
WG	W-2	L14839-02	1/21/2009	Ce-141	2.50E+00	2.50E+00	8.40E+00
WG	W-2	L14839-02	1/21/2009	Ce-144	-1.00E+00	9.70E+00	3.40E+01
WG	W-2	L14839-02	1/21/2009	Co-57	4.00E-01	1.20E+00	4.00E+00
WG	W-2	L14839-02	1/21/2009	Co-58	-3.70E+00	2.10E+00	8.50E+00
WG	W-2	L14839-02	1/21/2009	Co-60	2.40E+00	1.80E+00	6.00E+00
WG	W-2	L14839-02	1/21/2009	Cr-51	-2.00E+00	1.40E+01	5.00E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-2	L14839-02	1/21/2009	Cs-134	3.00E-01	1.60E+00	6.80E+00
WG	W-2	L14839-02	1/21/2009	Cs-137	1.00E-01	2.10E+00	7.60E+00
WG	W-2	L14839-02	1/21/2009	Fe-59	-4.00E-01	4.80E+00	1.80E+01
WG	W-2	L14839-02	1/21/2009	H-3	3.40E+02	4.40E+02	1.20E+03
WG	W-2	L14839-02	1/21/2009	I-131	3.70E+00	3.50E+00	1.20E+01
WG	W-2	L14839-02	1/21/2009	K-40	3.00E+00	2.90E+01	1.00E+02
WG	W-2	L14839-02	1/21/2009	La-140	1.60E+00	4.00E+00	1.50E+01
WG	W-2	L14839-02	1/21/2009	Mn-54	-1.90E+00	1.90E+00	7.40E+00
WG	W-2	L14839-02	1/21/2009	Nb-95	-7.00E-01	2.20E+00	8.20E+00
WG	W-2	L14839-02	1/21/2009	Ru-103	-7.00E-01	2.10E+00	7.60E+00
WG	W-2	L14839-02	1/21/2009	Ru-106	9.00E+00	1.60E+01	5.70E+01
WG	W-2	L14839-02	1/21/2009	Sb-124	0.00E+00	5.40E+00	2.10E+01
WG	W-2	L14839-02	1/21/2009	Sb-125	-2.00E+00	4.40E+00	1.60E+01
WG	W-2	L14839-02	1/21/2009	Se-75	2.00E-01	1.90E+00	6.70E+00
WG	W-2	L14839-02	1/21/2009	Zn-65	-1.23E+01	5.20E+00	2.10E+01
WG	W-2	L14839-02	1/21/2009	Zr-95	2.30E+00	3.50E+00	1.20E+01
WG	W-4	L14839-03	1/22/2009	AcTh-228	0.00E+00	5.20E+00	1.80E+01
WG	W-4	L14839-03	1/22/2009	Ag-108m	6.50E-01	9.20E-01	3.10E+00
WG	W-4	L14839-03	1/22/2009	Ag-110m	-1.30E+00	1.40E+00	5.10E+00
WG	W-4	L14839-03	1/22/2009	Ba-140	-1.20E+00	2.60E+00	9.50E+00
WG	W-4	L14839-03	1/22/2009	Be-7	5.50E+00	9.40E+00	3.20E+01
WG	W-4	L14839-03	1/22/2009	Ce-141	-6.00E-01	2.00E+00	6.90E+00
WG	W-4	L14839-03	1/22/2009	Ce-144	-7.00E+00	6.10E+00	2.10E+01
WG	W-4	L14839-03	1/22/2009	Co-57	1.38E+00	7.60E-01	2.50E+00
WG	W-4	L14839-03	1/22/2009	Co-58	1.80E+00	1.20E+00	4.00E+00
WG	W-4	L14839-03	1/22/2009	Co-60	1.00E-01	1.00E+00	3.70E+00
WG	W-4	L14839-03	1/22/2009	Cr-51	1.30E+01	1.20E+01	3.80E+01
WG	W-4	L14839-03	1/22/2009	Cs-134	-7.40E-01	7.80E-01	3.80E+00
WG	W-4	L14839-03	1/22/2009	Cs-137	-7.00E-01	1.00E+00	3.70E+00
WG	W-4	L14839-03	1/22/2009	Fe-59	7.00E-01	2.30E+00	8.20E+00
WG	W-4	L14839-03	1/22/2009	H-3	1.42E+03	3.20E+02	8.80E+02 *
WG	W-4	L14839-03	1/22/2009	I-131	4.00E-01	3.60E+00	1.20E+01
WG	W-4	L14839-03	1/22/2009	K-40	1.80E+01	1.90E+01	6.30E+01
WG	W-4	L14839-03	1/22/2009	La-140	-1.20E+00	2.60E+00	9.50E+00
WG	W-4	L14839-03	1/22/2009	Mn-54	-4.00E-01	1.00E+00	3.60E+00
WG	W-4	L14839-03	1/22/2009	Nb-95	-2.80E+00	1.60E+00	5.90E+00
WG	W-4	L14839-03	1/22/2009	Ru-103	-4.00E-01	1.40E+00	4.70E+00
WG	W-4	L14839-03	1/22/2009	Ru-106	-1.37E+01	9.80E+00	3.50E+01
WG	W-4	L14839-03	1/22/2009	Sb-124	-4.00E+00	2.50E+00	1.00E+01
WG	W-4	L14839-03	1/22/2009	Sb-125	-2.10E+00	2.60E+00	9.40E+00
WG	W-4	L14839-03	1/22/2009	Se-75	1.00E+00	1.40E+00	4.60E+00
WG	W-4	L14839-03	1/22/2009	Zn-65	7.00E+00	4.00E+00	1.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-4	L14839-03	1/22/2009	Zr-95	2.20E+00	2.00E+00	6.70E+00
WG	W-5	L14839-04	1/22/2009	AcTh-228	-3.80E+00	6.00E+00	2.20E+01
WG	W-5	L14839-04	1/22/2009	Ag-108m	4.00E-01	1.30E+00	4.40E+00
WG	W-5	L14839-04	1/22/2009	Ag-110m	-5.00E-01	2.10E+00	7.60E+00
WG	W-5	L14839-04	1/22/2009	Ba-140	2.20E+00	3.40E+00	1.20E+01
WG	W-5	L14839-04	1/22/2009	Be-7	-5.00E+00	1.30E+01	4.70E+01
WG	W-5	L14839-04	1/22/2009	Ce-141	-6.70E+00	2.60E+00	9.40E+00
WG	W-5	L14839-04	1/22/2009	Ce-144	1.00E-01	8.50E+00	2.90E+01
WG	W-5	L14839-04	1/22/2009	Co-57	-4.00E-01	1.10E+00	3.90E+00
WG	W-5	L14839-04	1/22/2009	Co-58	1.50E+00	1.50E+00	5.30E+00
WG	W-5	L14839-04	1/22/2009	Co-60	7.00E-01	1.50E+00	5.30E+00
WG	W-5	L14839-04	1/22/2009	Cr-51	9.00E+00	1.60E+01	5.50E+01
WG	W-5	L14839-04	1/22/2009	Cs-134	1.00E-01	1.40E+00	6.30E+00
WG	W-5	L14839-04	1/22/2009	Cs-137	1.00E+00	1.40E+00	4.90E+00
WG	W-5	L14839-04	1/22/2009	Fe-59	-1.40E+00	3.30E+00	1.20E+01
WG	W-5	L14839-04	1/22/2009	H-3	5.70E+02	4.40E+02	1.20E+03
WG	W-5	L14839-04	1/22/2009	I-131	3.10E+00	4.10E+00	1.40E+01
WG	W-5	L14839-04	1/22/2009	K-40	8.40E+01	2.60E+01	7.80E+01 *
WG	W-5	L14839-04	1/22/2009	La-140	2.20E+00	3.40E+00	1.20E+01
WG	W-5	L14839-04	1/22/2009	Mn-54	3.00E-01	1.50E+00	5.40E+00
WG	W-5	L14839-04	1/22/2009	Nb-95	2.00E+00	2.10E+00	7.00E+00
WG	W-5	L14839-04	1/22/2009	Ru-103	-3.00E-01	1.90E+00	6.90E+00
WG	W-5	L14839-04	1/22/2009	Ru-106	-2.00E+01	1.50E+01	5.60E+01
WG	W-5	L14839-04	1/22/2009	Sb-124	-7.00E-01	4.00E+00	1.50E+01
WG	W-5	L14839-04	1/22/2009	Sb-125	-3.00E-01	3.50E+00	1.20E+01
WG	W-5	L14839-04	1/22/2009	Se-75	-4.00E-01	2.00E+00	6.90E+00
WG	W-5	L14839-04	1/22/2009	Zn-65	1.10E+00	5.00E+00	1.70E+01
WG	W-5	L14839-04	1/22/2009	Zr-95	-1.60E+00	2.60E+00	9.60E+00
WG	W-6	L14839-05	1/22/2009	AcTh-228	7.50E+00	7.50E+00	2.60E+01
WG	W-6	L14839-05	1/22/2009	Ag-108m	2.60E+00	1.40E+00	4.60E+00
WG	W-6	L14839-05	1/22/2009	Ag-110m	2.30E+00	2.60E+00	9.00E+00
WG	W-6	L14839-05	1/22/2009	Ba-140	-1.30E+00	3.30E+00	1.30E+01
WG	W-6	L14839-05	1/22/2009	Be-7	9.00E+00	1.40E+01	4.90E+01
WG	W-6	L14839-05	1/22/2009	Ce-141	-2.70E+00	2.60E+00	9.30E+00
WG	W-6	L14839-05	1/22/2009	Ce-144	1.20E+00	9.10E+00	3.10E+01
WG	W-6	L14839-05	1/22/2009	Co-57	2.00E+00	1.20E+00	3.90E+00
WG	W-6	L14839-05	1/22/2009	Co-58	2.30E+00	1.50E+00	4.90E+00
WG	W-6	L14839-05	1/22/2009	Co-60	1.40E+00	1.80E+00	6.30E+00
WG	W-6	L14839-05	1/22/2009	Cr-51	3.00E+00	1.60E+01	5.50E+01
WG	W-6	L14839-05	1/22/2009	Cs-134	-1.40E+00	1.40E+00	6.60E+00
WG	W-6	L14839-05	1/22/2009	Cs-137	-2.30E+00	1.60E+00	6.20E+00
WG	W-6	L14839-05	1/22/2009	Fe-59	2.10E+00	3.80E+00	1.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WG	W-6	L14839-05	1/22/2009	H-3	5.80E+02	3.20E+02	9.00E+02
WG	W-6	L14839-05	1/22/2009	I-131	4.30E+00	4.50E+00	1.50E+01
WG	W-6	L14839-05	1/22/2009	K-40	7.80E+01	2.90E+01	9.00E+01
WG	W-6	L14839-05	1/22/2009	La-140	-1.30E+00	3.30E+00	1.30E+01
WG	W-6	L14839-05	1/22/2009	Mn-54	-3.50E+00	1.60E+00	6.60E+00
WG	W-6	L14839-05	1/22/2009	Nb-95	1.00E-01	1.90E+00	6.80E+00
WG	W-6	L14839-05	1/22/2009	Ru-103	-3.20E+00	2.00E+00	7.40E+00
WG	W-6	L14839-05	1/22/2009	Ru-106	-1.00E+01	1.60E+01	5.80E+01
WG	W-6	L14839-05	1/22/2009	Sb-124	-2.30E+00	4.70E+00	1.80E+01
WG	W-6	L14839-05	1/22/2009	Sb-125	-9.00E-01	4.40E+00	1.60E+01
WG	W-6	L14839-05	1/22/2009	Se-75	-3.00E-01	2.00E+00	6.90E+00
WG	W-6	L14839-05	1/22/2009	Zn-65	1.00E+00	4.90E+00	1.70E+01
WG	W-6	L14839-05	1/22/2009	Zr-95	-1.80E+00	2.80E+00	1.10E+01
WG	W-7	L14839-06	1/23/2009	AcTh-228	3.70E+00	5.90E+00	2.00E+01
WG	W-7	L14839-06	1/23/2009	Ag-108m	7.00E-01	1.10E+00	3.70E+00
WG	W-7	L14839-06	1/23/2009	Ag-110m	1.40E+00	1.70E+00	6.00E+00
WG	W-7	L14839-06	1/23/2009	Ba-140	-4.10E+00	2.60E+00	1.10E+01
WG	W-7	L14839-06	1/23/2009	Be-7	1.00E+01	1.10E+01	3.70E+01
WG	W-7	L14839-06	1/23/2009	Ce-141	-1.70E+00	2.00E+00	6.90E+00
WG	W-7	L14839-06	1/23/2009	Ce-144	-2.30E+00	7.60E+00	2.60E+01
WG	W-7	L14839-06	1/23/2009	Co-57	8.90E-01	9.80E-01	3.30E+00
WG	W-7	L14839-06	1/23/2009	Co-58	-1.90E+00	1.40E+00	5.40E+00
WG	W-7	L14839-06	1/23/2009	Co-60	-7.00E-01	1.30E+00	5.00E+00
WG	W-7	L14839-06	1/23/2009	Cr-51	2.00E+01	1.30E+01	4.40E+01
WG	W-7	L14839-06	1/23/2009	Cs-134	-6.00E-01	1.20E+00	5.10E+00
WG	W-7	L14839-06	1/23/2009	Cs-137	1.20E+00	1.40E+00	4.80E+00
WG	W-7	L14839-06	1/23/2009	Fe-59	0.00E+00	3.00E+00	1.10E+01
WG	W-7	L14839-06	1/23/2009	H-3	3.60E+02	4.30E+02	1.20E+03
WG	W-7	L14839-06	1/23/2009	I-131	-2.10E+00	3.20E+00	1.10E+01
WG	W-7	L14839-06	1/23/2009	K-40	-1.60E+01	2.10E+01	7.70E+01
WG	W-7	L14839-06	1/23/2009	La-140	-4.10E+00	2.60E+00	1.10E+01
WG	W-7	L14839-06	1/23/2009	Mn-54	-4.00E-01	1.30E+00	4.80E+00
WG	W-7	L14839-06	1/23/2009	Nb-95	5.00E-01	1.80E+00	6.40E+00
WG	W-7	L14839-06	1/23/2009	Ru-103	2.20E+00	1.50E+00	5.10E+00
WG	W-7	L14839-06	1/23/2009	Ru-106	6.00E+00	1.20E+01	4.20E+01
WG	W-7	L14839-06	1/23/2009	Sb-124	-4.70E+00	2.70E+00	1.20E+01
WG	W-7	L14839-06	1/23/2009	Sb-125	-2.70E+00	3.30E+00	1.20E+01
WG	W-7	L14839-06	1/23/2009	Se-75	-1.30E+00	1.60E+00	5.80E+00
WG	W-7	L14839-06	1/23/2009	Zn-65	-8.10E+00	3.30E+00	1.30E+01
WG	W-7	L14839-06	1/23/2009	Zr-95	2.70E+00	2.40E+00	8.00E+00
WG	W-8	L14839-07	1/21/2009	AcTh-228	-9.10E+00	7.80E+00	3.10E+01
WG	W-8	L14839-07	1/21/2009	Ag-108m	-1.00E+00	1.70E+00	6.40E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-8	L14839-07	1/21/2009	Ag-110m	2.10E+00	3.10E+00	1.10E+01
WG	W-8	L14839-07	1/21/2009	Ba-140	3.20E+00	3.60E+00	1.30E+01
WG	W-8	L14839-07	1/21/2009	Be-7	8.00E+00	1.50E+01	5.40E+01
WG	W-8	L14839-07	1/21/2009	Ce-141	2.90E+00	3.40E+00	1.10E+01
WG	W-8	L14839-07	1/21/2009	Ce-144	1.00E+00	1.20E+01	4.10E+01
WG	W-8	L14839-07	1/21/2009	Co-57	1.80E+00	1.60E+00	5.30E+00
WG	W-8	L14839-07	1/21/2009	Co-58	1.20E+00	2.00E+00	7.00E+00
WG	W-8	L14839-07	1/21/2009	Co-60	-1.60E+00	2.50E+00	9.60E+00
WG	W-8	L14839-07	1/21/2009	Cr-51	-3.20E+01	1.90E+01	7.30E+01
WG	W-8	L14839-07	1/21/2009	Cs-134	-4.00E-01	1.70E+00	8.50E+00
WG	W-8	L14839-07	1/21/2009	Cs-137	2.90E+00	2.00E+00	6.80E+00
WG	W-8	L14839-07	1/21/2009	Fe-59	8.10E+00	4.80E+00	1.60E+01
WG	W-8	L14839-07	1/21/2009	H-3	8.20E+02	4.40E+02	1.20E+03
WG	W-8	L14839-07	1/21/2009	I-131	1.60E+00	4.10E+00	1.40E+01
WG	W-8	L14839-07	1/21/2009	K-40	3.40E+01	2.90E+01	1.00E+02
WG	W-8	L14839-07	1/21/2009	La-140	3.20E+00	3.60E+00	1.30E+01
WG	W-8	L14839-07	1/21/2009	Mn-54	-1.20E+00	2.00E+00	7.60E+00
WG	W-8	L14839-07	1/21/2009	Nb-95	-3.40E+00	2.80E+00	1.10E+01
WG	W-8	L14839-07	1/21/2009	Ru-103	4.00E-01	2.50E+00	8.90E+00
WG	W-8	L14839-07	1/21/2009	Ru-106	-1.10E+01	1.90E+01	7.10E+01
WG	W-8	L14839-07	1/21/2009	Sb-124	5.50E+00	4.80E+00	1.70E+01
WG	W-8	L14839-07	1/21/2009	Sb-125	2.40E+00	5.40E+00	1.90E+01
WG	W-8	L14839-07	1/21/2009	Se-75	-2.40E+00	2.50E+00	9.20E+00
WG	W-8	L14839-07	1/21/2009	Zn-65	-1.08E+01	5.60E+00	2.30E+01
WG	W-8	L14839-07	1/21/2009	Zr-95	2.60E+00	3.40E+00	1.20E+01
WG	W-9	L14839-08	1/22/2009	AcTh-228	9.30E+00	5.30E+00	2.10E+01
WG	W-9	L14839-08	1/22/2009	Ag-108m	3.00E-01	1.00E+00	3.60E+00
WG	W-9	L14839-08	1/22/2009	Ag-110m	1.20E+00	1.80E+00	6.30E+00
WG	W-9	L14839-08	1/22/2009	Ba-140	-2.00E+00	4.00E+00	1.50E+01
WG	W-9	L14839-08	1/22/2009	Be-7	-4.00E+00	1.20E+01	4.10E+01
WG	W-9	L14839-08	1/22/2009	Ce-141	2.40E+00	1.80E+00	6.10E+00
WG	W-9	L14839-08	1/22/2009	Ce-144	1.05E+01	6.20E+00	2.00E+01
WG	W-9	L14839-08	1/22/2009	Co-57	-3.60E-01	8.10E-01	2.80E+00
WG	W-9	L14839-08	1/22/2009	Co-58	-2.90E+00	1.40E+00	5.50E+00
WG	W-9	L14839-08	1/22/2009	Co-60	-8.00E-01	1.90E+00	7.00E+00
WG	W-9	L14839-08	1/22/2009	Cr-51	3.00E+00	1.10E+01	3.80E+01
WG	W-9	L14839-08	1/22/2009	Cs-134	-2.70E+00	1.10E+00	5.50E+00
WG	W-9	L14839-08	1/22/2009	Cs-137	-1.00E-01	1.40E+00	5.10E+00
WG	W-9	L14839-08	1/22/2009	Fe-59	5.00E-01	3.00E+00	1.10E+01
WG	W-9	L14839-08	1/22/2009	H-3	1.20E+02	4.20E+02	1.20E+03
WG	W-9	L14839-08	1/22/2009	I-131	2.50E+00	3.30E+00	1.10E+01
WG	W-9	L14839-08	1/22/2009	K-40	8.80E+01	2.60E+01	7.90E+01 *

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-9	L14839-08	1/22/2009	La-140	-2.00E+00	4.00E+00	1.50E+01
WG	W-9	L14839-08	1/22/2009	Mn-54	0.00E+00	1.50E+00	5.20E+00
WG	W-9	L14839-08	1/22/2009	Nb-95	-3.00E-01	1.60E+00	5.60E+00
WG	W-9	L14839-08	1/22/2009	Ru-103	-3.30E+00	1.40E+00	5.40E+00
WG	W-9	L14839-08	1/22/2009	Ru-106	-8.00E+00	1.10E+01	4.20E+01
WG	W-9	L14839-08	1/22/2009	Sb-124	-5.60E+00	4.10E+00	1.60E+01
WG	W-9	L14839-08	1/22/2009	Sb-125	5.00E+00	3.30E+00	1.10E+01
WG	W-9	L14839-08	1/22/2009	Se-75	-2.20E+00	1.30E+00	4.70E+00
WG	W-9	L14839-08	1/22/2009	Zn-65	-8.10E+00	3.70E+00	1.40E+01
WG	W-9	L14839-08	1/22/2009	Zr-95	-2.60E+00	2.40E+00	8.80E+00
WG	W-4	L14913-01	2/18/2009	H-3	1.64E+03	4.70E+02	1.30E+03 *
WG	W-1	L15121-01	4/23/2009	AcTh-228	-5.60E+00	8.10E+00	3.10E+01
WG	W-1	L15121-01	4/23/2009	Ag-108m	2.00E+00	1.80E+00	6.00E+00
WG	W-1	L15121-01	4/23/2009	Ag-110m	-1.50E+00	2.90E+00	1.10E+01
WG	W-1	L15121-01	4/23/2009	Ba-140	0.00E+00	3.60E+00	1.50E+01
WG	W-1	L15121-01	4/23/2009	Be-7	4.20E+01	1.80E+01	5.40E+01
WG	W-1	L15121-01	4/23/2009	Ce-141	9.00E-01	2.70E+00	9.60E+00
WG	W-1	L15121-01	4/23/2009	Ce-144	-8.00E+00	1.30E+01	4.50E+01
WG	W-1	L15121-01	4/23/2009	Co-57	7.00E-01	1.60E+00	5.40E+00
WG	W-1	L15121-01	4/23/2009	Co-58	1.40E+00	2.20E+00	7.80E+00
WG	W-1	L15121-01	4/23/2009	Co-60	9.00E-01	2.20E+00	8.20E+00
WG	W-1	L15121-01	4/23/2009	Cr-51	2.00E+00	2.10E+01	7.30E+01
WG	W-1	L15121-01	4/23/2009	Cs-134	-7.00E-01	1.90E+00	8.80E+00
WG	W-1	L15121-01	4/23/2009	Cs-137	6.00E-01	2.10E+00	7.50E+00
WG	W-1	L15121-01	4/23/2009	Fe-59	5.00E-01	4.30E+00	1.60E+01
WG	W-1	L15121-01	4/23/2009	H-3	2.50E+02	4.40E+02	1.30E+03
WG	W-1	L15121-01	4/23/2009	I-131	4.70E+00	4.40E+00	1.50E+01
WG	W-1	L15121-01	4/23/2009	K-40	7.00E+00	3.10E+01	1.10E+02
WG	W-1	L15121-01	4/23/2009	La-140	0.00E+00	3.60E+00	1.50E+01
WG	W-1	L15121-01	4/23/2009	Mn-54	5.00E+00	2.30E+00	7.30E+00
WG	W-1	L15121-01	4/23/2009	Nb-95	-1.50E+00	2.60E+00	9.80E+00
WG	W-1	L15121-01	4/23/2009	Ru-103	5.00E-01	2.70E+00	9.60E+00
WG	W-1	L15121-01	4/23/2009	Ru-106	-3.40E+01	2.00E+01	8.00E+01
WG	W-1	L15121-01	4/23/2009	Sb-124	2.60E+00	4.80E+00	1.80E+01
WG	W-1	L15121-01	4/23/2009	Sb-125	-2.00E+00	4.60E+00	1.70E+01
WG	W-1	L15121-01	4/23/2009	Se-75	2.00E-01	2.60E+00	9.30E+00
WG	W-1	L15121-01	4/23/2009	Zn-65	-1.20E+00	5.60E+00	2.10E+01
WG	W-1	L15121-01	4/23/2009	Zr-95	2.50E+00	3.80E+00	1.30E+01
WG	W-2	L15121-02	4/23/2009	AcTh-228	4.40E+00	7.80E+00	2.70E+01
WG	W-2	L15121-02	4/23/2009	Ag-108m	1.90E+00	1.70E+00	5.80E+00
WG	W-2	L15121-02	4/23/2009	Ag-110m	1.30E+00	2.50E+00	9.00E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-2	L15121-02	4/23/2009	Ba-140	0.00E+00	3.80E+00	1.50E+01
WG	W-2	L15121-02	4/23/2009	Be-7	7.00E+00	1.60E+01	5.40E+01
WG	W-2	L15121-02	4/23/2009	Ce-141	2.00E-01	2.90E+00	1.00E+01
WG	W-2	L15121-02	4/23/2009	Ce-144	7.30E+00	9.30E+00	3.20E+01
WG	W-2	L15121-02	4/23/2009	Co-57	1.00E-01	1.20E+00	4.20E+00
WG	W-2	L15121-02	4/23/2009	Co-58	5.00E-01	1.70E+00	6.10E+00
WG	W-2	L15121-02	4/23/2009	Co-60	3.10E+00	2.00E+00	6.60E+00
WG	W-2	L15121-02	4/23/2009	Cr-51	3.00E+00	1.50E+01	5.40E+01
WG	W-2	L15121-02	4/23/2009	Cs-134	8.00E-01	1.60E+00	6.70E+00
WG	W-2	L15121-02	4/23/2009	Cs-137	-2.00E-01	1.90E+00	6.90E+00
WG	W-2	L15121-02	4/23/2009	Fe-59	2.40E+00	3.70E+00	1.30E+01
WG	W-2	L15121-02	4/23/2009	H-3	7.00E+01	4.40E+02	1.30E+03
WG	W-2	L15121-02	4/23/2009	I-131	1.60E+00	3.60E+00	1.30E+01
WG	W-2	L15121-02	4/23/2009	K-40	3.10E+01	2.70E+01	9.10E+01
WG	W-2	L15121-02	4/23/2009	La-140	0.00E+00	3.80E+00	1.50E+01
WG	W-2	L15121-02	4/23/2009	Mn-54	-2.70E+00	1.80E+00	7.10E+00
WG	W-2	L15121-02	4/23/2009	Nb-95	7.00E-01	1.90E+00	6.80E+00
WG	W-2	L15121-02	4/23/2009	Ru-103	1.00E-01	2.00E+00	7.10E+00
WG	W-2	L15121-02	4/23/2009	Ru-106	-6.00E+00	1.60E+01	6.00E+01
WG	W-2	L15121-02	4/23/2009	Sb-124	1.90E+00	4.30E+00	1.60E+01
WG	W-2	L15121-02	4/23/2009	Sb-125	-1.30E+00	4.90E+00	1.80E+01
WG	W-2	L15121-02	4/23/2009	Se-75	2.00E-01	2.10E+00	7.40E+00
WG	W-2	L15121-02	4/23/2009	Zn-65	-4.90E+00	3.60E+00	1.50E+01
WG	W-2	L15121-02	4/23/2009	Zr-95	-3.50E+00	3.20E+00	1.30E+01
WG	W-3	L15121-03	4/22/2009	AcTh-228	1.10E+00	4.00E+00	1.40E+01
WG	W-3	L15121-03	4/22/2009	Ag-108m	-9.50E-01	6.70E-01	2.40E+00
WG	W-3	L15121-03	4/22/2009	Ag-110m	-1.90E+00	1.20E+00	4.40E+00
WG	W-3	L15121-03	4/22/2009	Ba-140	2.00E+00	4.30E+00	1.50E+01
WG	W-3	L15121-03	4/22/2009	Be-7	-8.40E+00	8.40E+00	2.90E+01
WG	W-3	L15121-03	4/22/2009	Ce-141	8.00E-01	2.00E+00	6.60E+00
WG	W-3	L15121-03	4/22/2009	Ce-144	-1.30E+00	4.70E+00	1.60E+01
WG	W-3	L15121-03	4/22/2009	Co-57	4.70E-01	6.10E-01	2.00E+00
WG	W-3	L15121-03	4/22/2009	Co-58	-1.74E+00	9.30E-01	3.40E+00
WG	W-3	L15121-03	4/22/2009	Co-60	-1.40E-01	8.30E-01	2.90E+00
WG	W-3	L15121-03	4/22/2009	Cr-51	-2.00E+00	1.00E+01	3.60E+01
WG	W-3	L15121-03	4/22/2009	Cs-134	1.09E+00	6.90E-01	2.80E+00
WG	W-3	L15121-03	4/22/2009	Cs-137	-1.48E+00	8.60E-01	3.10E+00
WG	W-3	L15121-03	4/22/2009	Fe-59	1.00E+00	2.00E+00	6.90E+00
WG	W-3	L15121-03	4/22/2009	H-3	-2.40E+02	4.40E+02	1.30E+03
WG	W-3	L15121-03	4/22/2009	I-131	-3.30E+00	7.20E+00	2.50E+01
WG	W-3	L15121-03	4/22/2009	K-40	1.40E+01	1.40E+01	4.60E+01
WG	W-3	L15121-03	4/22/2009	La-140	2.00E+00	4.30E+00	1.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-3	L15121-03	4/22/2009	Mn-54	5.00E-01	8.20E-01	2.80E+00
WG	W-3	L15121-03	4/22/2009	Nb-95	-2.50E+00	1.40E+00	5.00E+00
WG	W-3	L15121-03	4/22/2009	Ru-103	-4.00E-01	1.20E+00	4.10E+00
WG	W-3	L15121-03	4/22/2009	Ru-106	-1.13E+01	7.70E+00	2.70E+01
WG	W-3	L15121-03	4/22/2009	Sb-124	-2.90E+00	2.40E+00	8.80E+00
WG	W-3	L15121-03	4/22/2009	Sb-125	-2.40E+00	2.20E+00	7.80E+00
WG	W-3	L15121-03	4/22/2009	Se-75	-5.50E-01	9.70E-01	3.30E+00
WG	W-3	L15121-03	4/22/2009	Zn-65	5.10E+00	4.00E+00	1.30E+01
WG	W-3	L15121-03	4/22/2009	Zr-95	-1.90E+00	1.90E+00	6.80E+00
WG	W-4	L15121-04	4/24/2009	AcTh-228	8.20E+00	6.20E+00	2.10E+01
WG	W-4	L15121-04	4/24/2009	Ag-108m	6.00E-01	1.30E+00	4.50E+00
WG	W-4	L15121-04	4/24/2009	Ag-110m	2.90E+00	2.20E+00	7.40E+00
WG	W-4	L15121-04	4/24/2009	Ba-140	1.60E+00	3.40E+00	1.20E+01
WG	W-4	L15121-04	4/24/2009	Be-7	-5.00E+00	1.30E+01	4.70E+01
WG	W-4	L15121-04	4/24/2009	Ce-141	4.00E-01	2.20E+00	7.60E+00
WG	W-4	L15121-04	4/24/2009	Ce-144	-7.70E+00	7.40E+00	2.60E+01
WG	W-4	L15121-04	4/24/2009	Co-57	2.40E-01	9.80E-01	3.30E+00
WG	W-4	L15121-04	4/24/2009	Co-58	-2.00E+00	1.50E+00	5.70E+00
WG	W-4	L15121-04	4/24/2009	Co-60	-1.70E+00	1.70E+00	6.80E+00
WG	W-4	L15121-04	4/24/2009	Cr-51	-3.00E+00	1.40E+01	4.80E+01
WG	W-4	L15121-04	4/24/2009	Cs-134	-9.00E-01	1.30E+00	6.20E+00
WG	W-4	L15121-04	4/24/2009	Cs-137	-1.00E+00	1.80E+00	6.50E+00
WG	W-4	L15121-04	4/24/2009	Fe-59	5.90E+00	3.30E+00	1.10E+01
WG	W-4	L15121-04	4/24/2009	H-3	1.04E+03	4.70E+02	1.30E+03
WG	W-4	L15121-04	4/24/2009	I-131	2.30E+00	3.10E+00	1.00E+01
WG	W-4	L15121-04	4/24/2009	K-40	5.30E+01	2.70E+01	8.70E+01
WG	W-4	L15121-04	4/24/2009	La-140	1.60E+00	3.40E+00	1.20E+01
WG	W-4	L15121-04	4/24/2009	Mn-54	-2.00E+00	1.40E+00	5.60E+00
WG	W-4	L15121-04	4/24/2009	Nb-95	-1.30E+00	1.80E+00	6.80E+00
WG	W-4	L15121-04	4/24/2009	Ru-103	4.00E-01	1.50E+00	5.20E+00
WG	W-4	L15121-04	4/24/2009	Ru-106	2.00E+00	1.60E+01	5.70E+01
WG	W-4	L15121-04	4/24/2009	Sb-124	-1.50E+00	3.70E+00	1.50E+01
WG	W-4	L15121-04	4/24/2009	Sb-125	-5.30E+00	3.90E+00	1.50E+01
WG	W-4	L15121-04	4/24/2009	Se-75	-1.90E+00	1.50E+00	5.60E+00
WG	W-4	L15121-04	4/24/2009	Zn-65	-6.40E+00	3.40E+00	1.40E+01
WG	W-4	L15121-04	4/24/2009	Zr-95	1.20E+00	2.60E+00	9.10E+00
WG	W-5	L15121-05	4/24/2009	AcTh-228	-7.70E+00	6.20E+00	2.40E+01
WG	W-5	L15121-05	4/24/2009	Ag-108m	-2.70E+00	1.40E+00	5.20E+00
WG	W-5	L15121-05	4/24/2009	Ag-110m	-2.60E+00	2.20E+00	8.50E+00
WG	W-5	L15121-05	4/24/2009	Ba-140	-6.00E-01	3.00E+00	1.20E+01
WG	W-5	L15121-05	4/24/2009	Be-7	-2.40E+01	1.40E+01	5.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-5	L15121-05	4/24/2009	Ce-141	1.60E+00	2.10E+00	7.20E+00
WG	W-5	L15121-05	4/24/2009	Ce-144	-1.17E+01	9.90E+00	3.50E+01
WG	W-5	L15121-05	4/24/2009	Co-57	-1.00E-01	1.20E+00	4.30E+00
WG	W-5	L15121-05	4/24/2009	Co-58	-8.00E-01	1.60E+00	6.00E+00
WG	W-5	L15121-05	4/24/2009	Co-60	-2.50E+00	1.70E+00	6.90E+00
WG	W-5	L15121-05	4/24/2009	Cr-51	1.10E+01	1.60E+01	5.40E+01
WG	W-5	L15121-05	4/24/2009	Cs-134	6.00E-01	1.30E+00	6.10E+00
WG	W-5	L15121-05	4/24/2009	Cs-137	-2.90E+00	1.60E+00	6.20E+00
WG	W-5	L15121-05	4/24/2009	Fe-59	-5.90E+00	3.20E+00	1.30E+01
WG	W-5	L15121-05	4/24/2009	H-3	6.50E+02	4.50E+02	1.30E+03
WG	W-5	L15121-05	4/24/2009	I-131	5.80E+00	3.20E+00	1.10E+01
WG	W-5	L15121-05	4/24/2009	K-40	7.90E+01	2.80E+01	8.50E+01
WG	W-5	L15121-05	4/24/2009	La-140	-6.00E-01	3.00E+00	1.20E+01
WG	W-5	L15121-05	4/24/2009	Mn-54	-1.60E+00	1.70E+00	6.40E+00
WG	W-5	L15121-05	4/24/2009	Nb-95	-6.00E-01	2.00E+00	7.10E+00
WG	W-5	L15121-05	4/24/2009	Ru-103	-2.30E+00	2.00E+00	7.30E+00
WG	W-5	L15121-05	4/24/2009	Ru-106	-1.90E+01	1.60E+01	5.90E+01
WG	W-5	L15121-05	4/24/2009	Sb-124	-3.00E+00	4.00E+00	1.60E+01
WG	W-5	L15121-05	4/24/2009	Sb-125	-1.60E+00	4.20E+00	1.50E+01
WG	W-5	L15121-05	4/24/2009	Se-75	-1.00E-01	1.90E+00	6.70E+00
WG	W-5	L15121-05	4/24/2009	Zn-65	-6.50E+00	4.00E+00	1.60E+01
WG	W-5	L15121-05	4/24/2009	Zr-95	4.00E-01	2.80E+00	1.00E+01
WG	W-6	L15121-06	4/24/2009	AcTh-228	-1.00E-01	6.10E+00	2.20E+01
WG	W-6	L15121-06	4/24/2009	Ag-108m	-1.40E+00	1.30E+00	4.70E+00
WG	W-6	L15121-06	4/24/2009	Ag-110m	4.00E-01	2.30E+00	8.10E+00
WG	W-6	L15121-06	4/24/2009	Ba-140	-2.10E+00	3.80E+00	1.40E+01
WG	W-6	L15121-06	4/24/2009	Be-7	-2.00E+00	1.40E+01	5.00E+01
WG	W-6	L15121-06	4/24/2009	Ce-141	1.30E+00	2.70E+00	9.10E+00
WG	W-6	L15121-06	4/24/2009	Ce-144	1.51E+01	9.00E+00	3.00E+01
WG	W-6	L15121-06	4/24/2009	Co-57	1.00E-01	1.20E+00	4.00E+00
WG	W-6	L15121-06	4/24/2009	Co-58	2.40E+00	1.60E+00	5.30E+00
WG	W-6	L15121-06	4/24/2009	Co-60	-8.00E-01	1.70E+00	6.40E+00
WG	W-6	L15121-06	4/24/2009	Cr-51	1.40E+01	1.40E+01	4.60E+01
WG	W-6	L15121-06	4/24/2009	Cs-134	2.20E+00	1.30E+00	5.30E+00
WG	W-6	L15121-06	4/24/2009	Cs-137	-1.30E+00	1.70E+00	6.20E+00
WG	W-6	L15121-06	4/24/2009	Fe-59	7.10E+00	3.40E+00	1.10E+01
WG	W-6	L15121-06	4/24/2009	H-3	2.70E+02	4.50E+02	1.30E+03
WG	W-6	L15121-06	4/24/2009	I-131	-1.30E+00	3.60E+00	1.30E+01
WG	W-6	L15121-06	4/24/2009	K-40	1.34E+02	2.90E+01	8.00E+01 *
WG	W-6	L15121-06	4/24/2009	La-140	-2.10E+00	3.80E+00	1.40E+01
WG	W-6	L15121-06	4/24/2009	Mn-54	8.00E-01	1.60E+00	5.70E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-6	L15121-06	4/24/2009	Nb-95	1.10E+00	2.00E+00	7.10E+00
WG	W-6	L15121-06	4/24/2009	Ru-103	-7.00E-01	1.80E+00	6.50E+00
WG	W-6	L15121-06	4/24/2009	Ru-106	-1.20E+01	1.40E+01	5.30E+01
WG	W-6	L15121-06	4/24/2009	Sb-124	-3.60E+00	4.30E+00	1.70E+01
WG	W-6	L15121-06	4/24/2009	Sb-125	-5.20E+00	4.40E+00	1.60E+01
WG	W-6	L15121-06	4/24/2009	Se-75	2.90E+00	1.80E+00	5.90E+00
WG	W-6	L15121-06	4/24/2009	Zn-65	-1.03E+01	4.00E+00	1.60E+01
WG	W-6	L15121-06	4/24/2009	Zr-95	6.00E-01	2.70E+00	9.80E+00
WG	W-7	L15121-07	4/23/2009	AcTh-228	6.90E+00	7.80E+00	2.70E+01
WG	W-7	L15121-07	4/23/2009	Ag-108m	-2.10E+00	1.70E+00	6.40E+00
WG	W-7	L15121-07	4/23/2009	Ag-110m	1.40E+00	2.40E+00	8.50E+00
WG	W-7	L15121-07	4/23/2009	Ba-140	9.20E+00	4.70E+00	1.50E+01
WG	W-7	L15121-07	4/23/2009	Be-7	-1.00E+01	1.60E+01	6.10E+01
WG	W-7	L15121-07	4/23/2009	Ce-141	3.40E+00	3.20E+00	1.10E+01
WG	W-7	L15121-07	4/23/2009	Ce-144	1.00E+00	1.10E+01	3.80E+01
WG	W-7	L15121-07	4/23/2009	Co-57	4.00E-01	1.50E+00	5.20E+00
WG	W-7	L15121-07	4/23/2009	Co-58	2.40E+00	1.90E+00	6.50E+00
WG	W-7	L15121-07	4/23/2009	Co-60	1.90E+00	2.00E+00	7.10E+00
WG	W-7	L15121-07	4/23/2009	Cr-51	1.90E+01	1.90E+01	6.30E+01
WG	W-7	L15121-07	4/23/2009	Cs-134	1.00E+00	1.60E+00	7.10E+00
WG	W-7	L15121-07	4/23/2009	Cs-137	-3.70E+00	1.80E+00	7.60E+00
WG	W-7	L15121-07	4/23/2009	Fe-59	5.60E+00	3.50E+00	1.10E+01
WG	W-7	L15121-07	4/23/2009	H-3	-7.20E+02	4.30E+02	1.30E+03
WG	W-7	L15121-07	4/23/2009	I-131	-1.20E+00	4.50E+00	1.60E+01
WG	W-7	L15121-07	4/23/2009	K-40	2.10E+01	2.60E+01	9.00E+01
WG	W-7	L15121-07	4/23/2009	La-140	9.20E+00	4.70E+00	1.50E+01
WG	W-7	L15121-07	4/23/2009	Mn-54	-8.00E-01	1.80E+00	6.90E+00
WG	W-7	L15121-07	4/23/2009	Nb-95	2.80E+00	2.40E+00	8.10E+00
WG	W-7	L15121-07	4/23/2009	Ru-103	3.50E+00	2.10E+00	7.00E+00
WG	W-7	L15121-07	4/23/2009	Ru-106	-1.80E+01	1.70E+01	6.70E+01
WG	W-7	L15121-07	4/23/2009	Sb-124	-2.20E+00	4.60E+00	1.90E+01
WG	W-7	L15121-07	4/23/2009	Sb-125	-6.40E+00	5.70E+00	2.10E+01
WG	W-7	L15121-07	4/23/2009	Se-75	-6.00E-01	2.10E+00	7.60E+00
WG	W-7	L15121-07	4/23/2009	Zn-65	-9.60E+00	4.80E+00	2.00E+01
WG	W-7	L15121-07	4/23/2009	Zr-95	1.80E+00	3.90E+00	1.40E+01
WG	W-8	L15121-08	4/23/2009	AcTh-228	5.60E+00	6.00E+00	2.00E+01
WG	W-8	L15121-08	4/23/2009	Ag-108m	-2.10E+00	1.20E+00	4.40E+00
WG	W-8	L15121-08	4/23/2009	Ag-110m	-2.10E+00	2.00E+00	7.50E+00
WG	W-8	L15121-08	4/23/2009	Ba-140	1.80E+00	4.10E+00	1.40E+01
WG	W-8	L15121-08	4/23/2009	Be-7	1.20E+01	1.20E+01	3.90E+01
WG	W-8	L15121-08	4/23/2009	Ce-141	5.10E+00	2.00E+00	6.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-8	L15121-08	4/23/2009	Ce-144	1.90E+00	6.80E+00	2.30E+01
WG	W-8	L15121-08	4/23/2009	Co-57	-2.50E-01	8.70E-01	3.00E+00
WG	W-8	L15121-08	4/23/2009	Co-58	-1.80E+00	1.40E+00	5.50E+00
WG	W-8	L15121-08	4/23/2009	Co-60	-1.60E+00	1.60E+00	6.40E+00
WG	W-8	L15121-08	4/23/2009	Cr-51	4.00E+00	1.10E+01	3.90E+01
WG	W-8	L15121-08	4/23/2009	Cs-134	-9.00E-01	1.50E+00	5.60E+00
WG	W-8	L15121-08	4/23/2009	Cs-137	3.00E-01	1.50E+00	5.20E+00
WG	W-8	L15121-08	4/23/2009	Fe-59	2.30E+00	3.50E+00	1.20E+01
WG	W-8	L15121-08	4/23/2009	H-3	1.10E+02	4.40E+02	1.30E+03
WG	W-8	L15121-08	4/23/2009	I-131	-2.00E-01	3.00E+00	1.10E+01
WG	W-8	L15121-08	4/23/2009	K-40	2.10E+01	2.50E+01	8.50E+01
WG	W-8	L15121-08	4/23/2009	La-140	1.80E+00	4.10E+00	1.40E+01
WG	W-8	L15121-08	4/23/2009	Mn-54	9.00E-01	1.40E+00	4.80E+00
WG	W-8	L15121-08	4/23/2009	Nb-95	9.00E-01	1.50E+00	5.30E+00
WG	W-8	L15121-08	4/23/2009	Ru-103	-1.40E+00	1.50E+00	5.40E+00
WG	W-8	L15121-08	4/23/2009	Ru-106	8.00E+00	1.20E+01	4.30E+01
WG	W-8	L15121-08	4/23/2009	Sb-124	3.70E+00	4.20E+00	1.50E+01
WG	W-8	L15121-08	4/23/2009	Sb-125	-1.40E+00	3.40E+00	1.20E+01
WG	W-8	L15121-08	4/23/2009	Se-75	-1.00E+00	1.40E+00	5.10E+00
WG	W-8	L15121-08	4/23/2009	Zn-65	-1.50E+00	5.70E+00	2.00E+01
WG	W-8	L15121-08	4/23/2009	Zr-95	1.10E+00	2.40E+00	8.30E+00
WG	W-9	L15121-09	4/23/2009	AcTh-228	-1.23E+01	6.70E+00	2.50E+01
WG	W-9	L15121-09	4/23/2009	Ag-108m	-8.00E-01	1.20E+00	4.40E+00
WG	W-9	L15121-09	4/23/2009	Ag-110m	1.10E+00	2.10E+00	7.20E+00
WG	W-9	L15121-09	4/23/2009	Ba-140	-3.00E+00	3.70E+00	1.40E+01
WG	W-9	L15121-09	4/23/2009	Be-7	-3.00E+00	1.20E+01	4.30E+01
WG	W-9	L15121-09	4/23/2009	Ce-141	5.00E-01	2.00E+00	6.90E+00
WG	W-9	L15121-09	4/23/2009	Ce-144	-1.86E+01	6.80E+00	2.50E+01
WG	W-9	L15121-09	4/23/2009	Co-57	3.10E-01	8.70E-01	2.90E+00
WG	W-9	L15121-09	4/23/2009	Co-58	-1.00E+00	1.30E+00	5.00E+00
WG	W-9	L15121-09	4/23/2009	Co-60	1.20E+00	1.60E+00	5.70E+00
WG	W-9	L15121-09	4/23/2009	Cr-51	2.00E+00	1.30E+01	4.60E+01
WG	W-9	L15121-09	4/23/2009	Cs-134	2.10E+00	1.20E+00	5.00E+00
WG	W-9	L15121-09	4/23/2009	Cs-137	2.00E-01	1.60E+00	5.60E+00
WG	W-9	L15121-09	4/23/2009	Fe-59	-1.20E+00	3.10E+00	1.10E+01
WG	W-9	L15121-09	4/23/2009	H-3	-8.50E+02	4.40E+02	1.30E+03
WG	W-9	L15121-09	4/23/2009	I-131	-4.20E+00	3.10E+00	1.10E+01
WG	W-9	L15121-09	4/23/2009	K-40	5.80E+01	2.70E+01	8.50E+01
WG	W-9	L15121-09	4/23/2009	La-140	-3.00E+00	3.70E+00	1.40E+01
WG	W-9	L15121-09	4/23/2009	Mn-54	-9.00E-01	1.30E+00	4.80E+00
WG	W-9	L15121-09	4/23/2009	Nb-95	-5.00E-01	1.80E+00	6.40E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-9	L15121-09	4/23/2009	Ru-103	1.60E+00	1.60E+00	5.30E+00
WG	W-9	L15121-09	4/23/2009	Ru-106	-3.00E+00	1.40E+01	4.80E+01
WG	W-9	L15121-09	4/23/2009	Sb-124	-3.80E+00	3.50E+00	1.40E+01
WG	W-9	L15121-09	4/23/2009	Sb-125	3.00E-01	3.50E+00	1.20E+01
WG	W-9	L15121-09	4/23/2009	Se-75	-3.10E+00	1.40E+00	5.20E+00
WG	W-9	L15121-09	4/23/2009	Zn-65	-7.70E+00	3.10E+00	1.30E+01
WG	W-9	L15121-09	4/23/2009	Zr-95	-1.20E+00	2.40E+00	9.00E+00
WG	W-10	L15121-10	4/22/2009	AcTh-228	-7.00E-01	6.60E+00	2.30E+01
WG	W-10	L15121-10	4/22/2009	Ag-108m	1.20E+00	1.20E+00	4.00E+00
WG	W-10	L15121-10	4/22/2009	Ag-110m	-2.60E+00	2.10E+00	8.00E+00
WG	W-10	L15121-10	4/22/2009	Ba-140	1.50E+00	2.90E+00	1.10E+01
WG	W-10	L15121-10	4/22/2009	Be-7	-8.00E+00	1.30E+01	4.50E+01
WG	W-10	L15121-10	4/22/2009	Ce-141	3.10E+00	2.30E+00	7.80E+00
WG	W-10	L15121-10	4/22/2009	Ce-144	3.50E+00	7.50E+00	2.50E+01
WG	W-10	L15121-10	4/22/2009	Co-57	-1.30E-01	9.50E-01	3.30E+00
WG	W-10	L15121-10	4/22/2009	Co-58	-1.90E+00	1.50E+00	5.70E+00
WG	W-10	L15121-10	4/22/2009	Co-60	1.20E+00	1.90E+00	6.80E+00
WG	W-10	L15121-10	4/22/2009	Cr-51	3.00E+00	1.40E+01	4.80E+01
WG	W-10	L15121-10	4/22/2009	Cs-134	1.10E+00	1.40E+00	5.80E+00
WG	W-10	L15121-10	4/22/2009	Cs-137	-2.20E+00	1.60E+00	6.10E+00
WG	W-10	L15121-10	4/22/2009	Fe-59	-1.80E+00	3.20E+00	1.20E+01
WG	W-10	L15121-10	4/22/2009	H-3	4.00E+01	4.50E+02	1.30E+03
WG	W-10	L15121-10	4/22/2009	I-131	-2.00E-01	2.70E+00	9.50E+00
WG	W-10	L15121-10	4/22/2009	K-40	-2.70E+01	2.10E+01	8.20E+01
WG	W-10	L15121-10	4/22/2009	La-140	1.50E+00	2.90E+00	1.10E+01
WG	W-10	L15121-10	4/22/2009	Mn-54	2.40E+00	1.40E+00	4.40E+00
WG	W-10	L15121-10	4/22/2009	Nb-95	0.00E+00	1.80E+00	6.50E+00
WG	W-10	L15121-10	4/22/2009	Ru-103	-2.00E+00	1.50E+00	5.80E+00
WG	W-10	L15121-10	4/22/2009	Ru-106	-1.00E+00	1.50E+01	5.30E+01
WG	W-10	L15121-10	4/22/2009	Sb-124	1.50E+00	3.30E+00	1.20E+01
WG	W-10	L15121-10	4/22/2009	Sb-125	-7.00E-01	3.60E+00	1.30E+01
WG	W-10	L15121-10	4/22/2009	Se-75	-8.00E-01	1.60E+00	5.60E+00
WG	W-10	L15121-10	4/22/2009	Zn-65	-6.80E+00	2.90E+00	1.20E+01
WG	W-10	L15121-10	4/22/2009	Zr-95	4.00E-01	2.40E+00	8.70E+00
WG	W-11	L15121-11	4/23/2009	AcTh-228	-3.80E+00	7.20E+00	2.70E+01
WG	W-11	L15121-11	4/23/2009	Ag-108m	-1.40E+00	1.50E+00	5.50E+00
WG	W-11	L15121-11	4/23/2009	Ag-110m	-7.00E-01	2.40E+00	9.00E+00
WG	W-11	L15121-11	4/23/2009	Ba-140	4.50E+00	4.00E+00	1.40E+01
WG	W-11	L15121-11	4/23/2009	Be-7	0.00E+00	1.30E+01	4.90E+01
WG	W-11	L15121-11	4/23/2009	Ce-141	-1.19E+01	4.60E+00	1.70E+01
WG	W-11	L15121-11	4/23/2009	Ce-144	-1.27E+01	9.90E+00	3.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-11	L15121-11	4/23/2009	Co-57	-1.10E+00	1.40E+00	5.00E+00
WG	W-11	L15121-11	4/23/2009	Co-58	-2.70E+00	2.10E+00	8.20E+00
WG	W-11	L15121-11	4/23/2009	Co-60	4.00E-01	2.10E+00	7.70E+00
WG	W-11	L15121-11	4/23/2009	Cr-51	5.00E+00	1.50E+01	5.30E+01
WG	W-11	L15121-11	4/23/2009	Cs-134	-6.00E-01	1.50E+00	7.60E+00
WG	W-11	L15121-11	4/23/2009	Cs-137	1.20E+00	1.60E+00	5.60E+00
WG	W-11	L15121-11	4/23/2009	Fe-59	5.00E+00	3.60E+00	1.20E+01
WG	W-11	L15121-11	4/23/2009	H-3	-4.00E+02	4.40E+02	1.30E+03
WG	W-11	L15121-11	4/23/2009	I-131	1.20E+00	4.30E+00	1.50E+01
WG	W-11	L15121-11	4/23/2009	K-40	-3.90E+01	2.70E+01	1.10E+02
WG	W-11	L15121-11	4/23/2009	La-140	4.50E+00	4.00E+00	1.40E+01
WG	W-11	L15121-11	4/23/2009	Mn-54	-1.00E+00	1.80E+00	6.70E+00
WG	W-11	L15121-11	4/23/2009	Nb-95	2.00E+00	2.20E+00	7.60E+00
WG	W-11	L15121-11	4/23/2009	Ru-103	3.00E-01	2.10E+00	7.50E+00
WG	W-11	L15121-11	4/23/2009	Ru-106	-4.00E+00	1.80E+01	6.60E+01
WG	W-11	L15121-11	4/23/2009	Sb-124	-1.00E+00	4.80E+00	1.90E+01
WG	W-11	L15121-11	4/23/2009	Sb-125	-1.00E+00	4.40E+00	1.60E+01
WG	W-11	L15121-11	4/23/2009	Se-75	-2.00E-01	2.10E+00	7.50E+00
WG	W-11	L15121-11	4/23/2009	Zn-65	-3.20E+00	4.60E+00	1.80E+01
WG	W-11	L15121-11	4/23/2009	Zr-95	0.00E+00	3.10E+00	1.20E+01
WG	W-12	L15121-12	4/23/2009	AcTh-228	1.12E+01	7.10E+00	2.30E+01
WG	W-12	L15121-12	4/23/2009	Ag-108m	-5.00E-01	1.70E+00	6.00E+00
WG	W-12	L15121-12	4/23/2009	Ag-110m	-4.30E+00	2.20E+00	9.30E+00
WG	W-12	L15121-12	4/23/2009	Ba-140	7.00E-01	3.90E+00	1.50E+01
WG	W-12	L15121-12	4/23/2009	Be-7	3.00E+00	1.50E+01	5.40E+01
WG	W-12	L15121-12	4/23/2009	Ce-141	-5.30E+00	3.10E+00	1.10E+01
WG	W-12	L15121-12	4/23/2009	Ce-144	4.00E+00	1.10E+01	3.60E+01
WG	W-12	L15121-12	4/23/2009	Co-57	2.00E+00	1.30E+00	4.30E+00
WG	W-12	L15121-12	4/23/2009	Co-58	-1.60E+00	2.10E+00	8.00E+00
WG	W-12	L15121-12	4/23/2009	Co-60	3.00E-01	1.90E+00	6.90E+00
WG	W-12	L15121-12	4/23/2009	Cr-51	0.00E+00	1.80E+01	6.20E+01
WG	W-12	L15121-12	4/23/2009	Cs-134	9.00E-01	1.40E+00	6.60E+00
WG	W-12	L15121-12	4/23/2009	Cs-137	-5.10E+00	1.70E+00	7.30E+00
WG	W-12	L15121-12	4/23/2009	Fe-59	-1.05E+01	3.80E+00	1.70E+01
WG	W-12	L15121-12	4/23/2009	H-3	-2.80E+02	4.30E+02	1.30E+03
WG	W-12	L15121-12	4/23/2009	I-131	3.70E+00	3.60E+00	1.20E+01
WG	W-12	L15121-12	4/23/2009	K-40	-8.00E+00	2.20E+01	8.40E+01
WG	W-12	L15121-12	4/23/2009	La-140	7.00E-01	3.90E+00	1.50E+01
WG	W-12	L15121-12	4/23/2009	Mn-54	2.00E+00	1.80E+00	6.00E+00
WG	W-12	L15121-12	4/23/2009	Nb-95	-2.40E+00	2.20E+00	8.30E+00
WG	W-12	L15121-12	4/23/2009	Ru-103	-5.20E+00	2.20E+00	8.80E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-12	L15121-12	4/23/2009	Ru-106	1.80E+01	1.60E+01	5.60E+01
WG	W-12	L15121-12	4/23/2009	Sb-124	-4.80E+00	4.80E+00	2.00E+01
WG	W-12	L15121-12	4/23/2009	Sb-125	2.00E+00	4.80E+00	1.70E+01
WG	W-12	L15121-12	4/23/2009	Se-75	7.00E-01	2.30E+00	8.10E+00
WG	W-12	L15121-12	4/23/2009	Zn-65	-1.23E+01	4.70E+00	1.90E+01
WG	W-12	L15121-12	4/23/2009	Zr-95	3.60E+00	3.20E+00	1.10E+01
WG	W-13	L15121-13	4/22/2009	AcTh-228	-2.80E+00	6.70E+00	2.50E+01
WG	W-13	L15121-13	4/22/2009	Ag-108m	-2.50E+00	1.30E+00	4.90E+00
WG	W-13	L15121-13	4/22/2009	Ag-110m	-3.00E-01	2.30E+00	8.50E+00
WG	W-13	L15121-13	4/22/2009	Ba-140	4.70E+00	4.00E+00	1.40E+01
WG	W-13	L15121-13	4/22/2009	Be-7	4.00E+00	1.20E+01	4.40E+01
WG	W-13	L15121-13	4/22/2009	Ce-141	-4.00E+00	2.30E+00	8.30E+00
WG	W-13	L15121-13	4/22/2009	Ce-144	4.90E+00	7.80E+00	2.60E+01
WG	W-13	L15121-13	4/22/2009	Co-57	5.00E-01	1.00E+00	3.50E+00
WG	W-13	L15121-13	4/22/2009	Co-58	1.30E+00	1.60E+00	5.60E+00
WG	W-13	L15121-13	4/22/2009	Co-60	-9.00E-01	1.70E+00	6.80E+00
WG	W-13	L15121-13	4/22/2009	Cr-51	-1.60E+01	1.60E+01	5.60E+01
WG	W-13	L15121-13	4/22/2009	Cs-134	1.30E+00	1.20E+00	5.60E+00
WG	W-13	L15121-13	4/22/2009	Cs-137	-1.50E+00	1.80E+00	6.80E+00
WG	W-13	L15121-13	4/22/2009	Fe-59	-5.40E+00	3.90E+00	1.50E+01
WG	W-13	L15121-13	4/22/2009	H-3	-4.50E+02	4.30E+02	1.30E+03
WG	W-13	L15121-13	4/22/2009	I-131	1.50E+00	3.80E+00	1.30E+01
WG	W-13	L15121-13	4/22/2009	K-40	3.00E+00	2.50E+01	9.00E+01
WG	W-13	L15121-13	4/22/2009	La-140	4.70E+00	4.00E+00	1.40E+01
WG	W-13	L15121-13	4/22/2009	Mn-54	0.00E+00	1.50E+00	5.30E+00
WG	W-13	L15121-13	4/22/2009	Nb-95	-1.90E+00	2.00E+00	7.70E+00
WG	W-13	L15121-13	4/22/2009	Ru-103	-1.90E+00	1.80E+00	6.80E+00
WG	W-13	L15121-13	4/22/2009	Ru-106	-1.20E+01	1.70E+01	6.10E+01
WG	W-13	L15121-13	4/22/2009	Sb-124	-2.60E+00	4.50E+00	1.80E+01
WG	W-13	L15121-13	4/22/2009	Sb-125	-4.00E-01	4.00E+00	1.40E+01
WG	W-13	L15121-13	4/22/2009	Se-75	4.00E-01	1.70E+00	5.80E+00
WG	W-13	L15121-13	4/22/2009	Zn-65	-1.10E+00	3.70E+00	1.40E+01
WG	W-13	L15121-13	4/22/2009	Zr-95	8.00E-01	3.10E+00	1.10E+01
WG	W-14	L15121-14	4/22/2009	AcTh-228	1.20E+00	6.50E+00	2.40E+01
WG	W-14	L15121-14	4/22/2009	Ag-108m	-1.30E+00	1.60E+00	5.90E+00
WG	W-14	L15121-14	4/22/2009	Ag-110m	-3.10E+00	2.30E+00	9.40E+00
WG	W-14	L15121-14	4/22/2009	Ba-140	3.00E+00	3.90E+00	1.40E+01
WG	W-14	L15121-14	4/22/2009	Be-7	-2.00E+00	1.70E+01	5.90E+01
WG	W-14	L15121-14	4/22/2009	Ce-141	1.00E+00	2.80E+00	9.60E+00
WG	W-14	L15121-14	4/22/2009	Ce-144	2.20E+00	9.90E+00	3.40E+01
WG	W-14	L15121-14	4/22/2009	Co-57	1.00E+00	1.30E+00	4.30E+00

\* Radioactivity detected in sample (i.e., concentration > 3.X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-14	L15121-14	4/22/2009	Co-58	-2.30E+00	1.70E+00	7.00E+00
WG	W-14	L15121-14	4/22/2009	Co-60	-2.00E+00	1.40E+00	6.20E+00
WG	W-14	L15121-14	4/22/2009	Cr-51	-8.00E+00	1.50E+01	5.60E+01
WG	W-14	L15121-14	4/22/2009	Cs-134	-1.40E+00	1.20E+00	6.50E+00
WG	W-14	L15121-14	4/22/2009	Cs-137	1.90E+00	2.00E+00	6.70E+00
WG	W-14	L15121-14	4/22/2009	Fe-59	-1.00E-01	3.50E+00	1.30E+01
WG	W-14	L15121-14	4/22/2009	H-3	-7.00E+01	4.40E+02	1.30E+03
WG	W-14	L15121-14	4/22/2009	I-131	3.50E+00	4.30E+00	1.50E+01
WG	W-14	L15121-14	4/22/2009	K-40	7.00E+00	2.40E+01	8.70E+01
WG	W-14	L15121-14	4/22/2009	La-140	3.00E+00	3.90E+00	1.40E+01
WG	W-14	L15121-14	4/22/2009	Mn-54	1.50E+00	1.70E+00	6.00E+00
WG	W-14	L15121-14	4/22/2009	Nb-95	-1.20E+00	2.00E+00	7.50E+00
WG	W-14	L15121-14	4/22/2009	Ru-103	-4.40E+00	1.80E+00	7.40E+00
WG	W-14	L15121-14	4/22/2009	Ru-106	-2.00E+00	1.60E+01	5.90E+01
WG	W-14	L15121-14	4/22/2009	Sb-124	-1.90E+00	4.40E+00	1.80E+01
WG	W-14	L15121-14	4/22/2009	Sb-125	7.00E-01	4.90E+00	1.70E+01
WG	W-14	L15121-14	4/22/2009	Se-75	2.00E+00	2.10E+00	7.20E+00
WG	W-14	L15121-14	4/22/2009	Zn-65	1.20E+00	4.70E+00	1.70E+01
WG	W-14	L15121-14	4/22/2009	Zr-95	3.30E+00	3.40E+00	1.10E+01
WG	W-15	L15121-15	4/22/2009	AcTh-228	-4.80E+00	7.30E+00	2.70E+01
WG	W-15	L15121-15	4/22/2009	Ag-108m	-3.80E+00	1.40E+00	5.70E+00
WG	W-15	L15121-15	4/22/2009	Ag-110m	1.00E+00	2.50E+00	8.80E+00
WG	W-15	L15121-15	4/22/2009	Ba-140	-7.00E-01	3.50E+00	1.40E+01
WG	W-15	L15121-15	4/22/2009	Be-7	-3.00E+00	1.50E+01	5.40E+01
WG	W-15	L15121-15	4/22/2009	Ce-141	-2.40E+00	2.70E+00	9.70E+00
WG	W-15	L15121-15	4/22/2009	Ce-144	1.40E+01	1.00E+01	3.30E+01
WG	W-15	L15121-15	4/22/2009	Co-57	0.00E+00	1.10E+00	3.90E+00
WG	W-15	L15121-15	4/22/2009	Co-58	5.00E-01	1.70E+00	6.10E+00
WG	W-15	L15121-15	4/22/2009	Co-60	9.00E-01	2.00E+00	7.10E+00
WG	W-15	L15121-15	4/22/2009	Cr-51	0.00E+00	1.60E+01	5.50E+01
WG	W-15	L15121-15	4/22/2009	Cs-134	-6.00E-01	1.40E+00	6.60E+00
WG	W-15	L15121-15	4/22/2009	Cs-137	-8.00E-01	1.80E+00	6.70E+00
WG	W-15	L15121-15	4/22/2009	Fe-59	-8.00E-01	3.70E+00	1.40E+01
WG	W-15	L15121-15	4/22/2009	H-3	2.30E+02	4.40E+02	1.30E+03
WG	W-15	L15121-15	4/22/2009	I-131	3.80E+00	4.40E+00	1.50E+01
WG	W-15	L15121-15	4/22/2009	K-40	4.20E+01	2.60E+01	8.60E+01
WG	W-15	L15121-15	4/22/2009	La-140	-7.00E-01	3.50E+00	1.40E+01
WG	W-15	L15121-15	4/22/2009	Mn-54	2.20E+00	1.70E+00	5.50E+00
WG	W-15	L15121-15	4/22/2009	Nb-95	5.00E-01	2.00E+00	7.10E+00
WG	W-15	L15121-15	4/22/2009	Ru-103	4.00E-01	2.10E+00	7.30E+00
WG	W-15	L15121-15	4/22/2009	Ru-106	3.80E+01	1.60E+01	5.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-15	L15121-15	4/22/2009	Sb-124	9.00E-01	4.80E+00	1.80E+01
WG	W-15	L15121-15	4/22/2009	Sb-125	-1.20E+00	4.70E+00	1.70E+01
WG	W-15	L15121-15	4/22/2009	Se-75	4.60E+00	1.90E+00	6.00E+00
WG	W-15	L15121-15	4/22/2009	Zn-65	-6.60E+00	4.10E+00	1.60E+01
WG	W-15	L15121-15	4/22/2009	Zr-95	-3.60E+00	2.80E+00	1.10E+01
WG	MW-20	L15121-16	4/23/2009	AcTh-228	-2.20E+00	6.80E+00	2.50E+01
WG	MW-20	L15121-16	4/23/2009	Ag-108m	-1.30E+00	1.30E+00	4.90E+00
WG	MW-20	L15121-16	4/23/2009	Ag-110m	-2.20E+00	2.30E+00	8.70E+00
WG	MW-20	L15121-16	4/23/2009	Ba-140	-3.60E+00	3.10E+00	1.30E+01
WG	MW-20	L15121-16	4/23/2009	Be-7	1.60E+01	1.30E+01	4.50E+01
WG	MW-20	L15121-16	4/23/2009	Ce-141	-5.20E+00	2.40E+00	8.90E+00
WG	MW-20	L15121-16	4/23/2009	Ce-144	-1.09E+01	9.00E+00	3.20E+01
WG	MW-20	L15121-16	4/23/2009	Co-57	-1.20E+00	1.10E+00	4.00E+00
WG	MW-20	L15121-16	4/23/2009	Co-58	-1.90E+00	1.60E+00	6.30E+00
WG	MW-20	L15121-16	4/23/2009	Co-60	0.00E+00	1.90E+00	7.10E+00
WG	MW-20	L15121-16	4/23/2009	Cr-51	-9.00E+00	1.40E+01	5.20E+01
WG	MW-20	L15121-16	4/23/2009	Cs-134	-1.50E+00	1.20E+00	5.80E+00
WG	MW-20	L15121-16	4/23/2009	Cs-137	2.80E+00	1.70E+00	5.50E+00
WG	MW-20	L15121-16	4/23/2009	Fe-59	-4.00E-01	2.90E+00	1.10E+01
WG	MW-20	L15121-16	4/23/2009	H-3	-2.80E+02	4.40E+02	1.30E+03
WG	MW-20	L15121-16	4/23/2009	I-131	1.80E+00	3.80E+00	1.30E+01
WG	MW-20	L15121-16	4/23/2009	K-40	-9.00E+00	2.00E+01	7.50E+01
WG	MW-20	L15121-16	4/23/2009	La-140	-3.60E+00	3.10E+00	1.30E+01
WG	MW-20	L15121-16	4/23/2009	Mn-54	0.00E+00	1.30E+00	4.80E+00
WG	MW-20	L15121-16	4/23/2009	Nb-95	-3.50E+00	1.80E+00	7.00E+00
WG	MW-20	L15121-16	4/23/2009	Ru-103	-2.00E-01	1.90E+00	6.80E+00
WG	MW-20	L15121-16	4/23/2009	Ru-106	-9.00E+00	1.60E+01	5.70E+01
WG	MW-20	L15121-16	4/23/2009	Sb-124	-8.00E-01	4.70E+00	1.80E+01
WG	MW-20	L15121-16	4/23/2009	Sb-125	-6.70E+00	4.00E+00	1.50E+01
WG	MW-20	L15121-16	4/23/2009	Se-75	-3.70E+00	1.80E+00	6.80E+00
WG	MW-20	L15121-16	4/23/2009	Zn-65	1.40E+00	3.70E+00	1.30E+01
WG	MW-20	L15121-16	4/23/2009	Zr-95	6.00E-01	2.70E+00	9.70E+00
WG	MW-21	L15121-17	4/23/2009	AcTh-228	-9.90E+00	6.40E+00	2.50E+01
WG	MW-21	L15121-17	4/23/2009	Ag-108m	9.00E-01	1.20E+00	4.10E+00
WG	MW-21	L15121-17	4/23/2009	Ag-110m	1.50E+00	2.20E+00	7.80E+00
WG	MW-21	L15121-17	4/23/2009	Ba-140	1.20E+00	3.70E+00	1.30E+01
WG	MW-21	L15121-17	4/23/2009	Be-7	1.00E+00	1.30E+01	4.80E+01
WG	MW-21	L15121-17	4/23/2009	Ce-141	-3.60E+00	2.60E+00	9.50E+00
WG	MW-21	L15121-17	4/23/2009	Ce-144	-3.00E-01	9.30E+00	3.20E+01
WG	MW-21	L15121-17	4/23/2009	Co-57	2.80E+00	1.20E+00	3.90E+00
WG	MW-21	L15121-17	4/23/2009	Co-58	-2.10E+00	1.70E+00	6.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	MW-21	L15121-17	4/23/2009	Co-60	3.00E-01	1.70E+00	6.30E+00
WG	MW-21	L15121-17	4/23/2009	Cr-51	-1.70E+01	1.60E+01	5.90E+01
WG	MW-21	L15121-17	4/23/2009	Cs-134	8.00E-01	1.50E+00	6.40E+00
WG	MW-21	L15121-17	4/23/2009	Cs-137	1.90E+00	1.60E+00	5.50E+00
WG	MW-21	L15121-17	4/23/2009	Fe-59	-1.80E+00	3.40E+00	1.30E+01
WG	MW-21	L15121-17	4/23/2009	H-3	-6.60E+02	4.40E+02	1.30E+03
WG	MW-21	L15121-17	4/23/2009	I-131	4.70E+00	3.80E+00	1.30E+01
WG	MW-21	L15121-17	4/23/2009	K-40	-2.30E+01	2.20E+01	8.40E+01
WG	MW-21	L15121-17	4/23/2009	La-140	1.20E+00	3.70E+00	1.30E+01
WG	MW-21	L15121-17	4/23/2009	Mn-54	-2.20E+00	1.50E+00	6.10E+00
WG	MW-21	L15121-17	4/23/2009	Nb-95	-1.10E+00	2.20E+00	8.10E+00
WG	MW-21	L15121-17	4/23/2009	Ru-103	-1.40E+00	1.90E+00	6.80E+00
WG	MW-21	L15121-17	4/23/2009	Ru-106	2.50E+01	1.50E+01	5.00E+01
WG	MW-21	L15121-17	4/23/2009	Sb-124	9.30E+00	4.30E+00	1.30E+01
WG	MW-21	L15121-17	4/23/2009	Sb-125	1.60E+00	4.00E+00	1.40E+01
WG	MW-21	L15121-17	4/23/2009	Se-75	2.50E+00	1.90E+00	6.30E+00
WG	MW-21	L15121-17	4/23/2009	Zn-65	-1.10E+00	4.30E+00	1.60E+01
WG	MW-21	L15121-17	4/23/2009	Zr-95	5.60E+00	3.00E+00	9.60E+00
WG	W-1	L15456-01	7/23/2009	AcTh-228	-4.10E+00	6.70E+00	2.50E+01
WG	W-1	L15456-01	7/23/2009	Ag-108m	1.00E+00	1.50E+00	5.30E+00
WG	W-1	L15456-01	7/23/2009	Ag-110m	4.00E+00	2.70E+00	8.80E+00
WG	W-1	L15456-01	7/23/2009	Ba-140	0.00E+00	3.70E+00	1.40E+01
WG	W-1	L15456-01	7/23/2009	Be-7	2.60E+01	1.40E+01	4.70E+01
WG	W-1	L15456-01	7/23/2009	Ce-141	3.00E-01	2.80E+00	9.80E+00
WG	W-1	L15456-01	7/23/2009	Ce-144	-2.00E+00	1.00E+01	3.60E+01
WG	W-1	L15456-01	7/23/2009	Co-57	-2.90E+00	1.30E+00	4.90E+00
WG	W-1	L15456-01	7/23/2009	Co-58	0.00E+00	1.90E+00	7.00E+00
WG	W-1	L15456-01	7/23/2009	Co-60	-7.00E-01	1.80E+00	7.00E+00
WG	W-1	L15456-01	7/23/2009	Cr-51	-3.00E+00	1.50E+01	5.40E+01
WG	W-1	L15456-01	7/23/2009	Cs-134	0.00E+00	1.20E+00	6.30E+00
WG	W-1	L15456-01	7/23/2009	Cs-137	-2.50E+00	1.60E+00	6.60E+00
WG	W-1	L15456-01	7/23/2009	Fe-59	3.00E-01	4.00E+00	1.50E+01
WG	W-1	L15456-01	7/23/2009	H-3	-2.80E+02	3.90E+02	1.20E+03
WG	W-1	L15456-01	7/23/2009	I-131	-3.30E+00	4.50E+00	1.60E+01
WG	W-1	L15456-01	7/23/2009	K-40	2.50E+01	2.70E+01	9.40E+01
WG	W-1	L15456-01	7/23/2009	La-140	0.00E+00	3.70E+00	1.40E+01
WG	W-1	L15456-01	7/23/2009	Mn-54	-5.00E-01	1.70E+00	6.50E+00
WG	W-1	L15456-01	7/23/2009	Nb-95	1.70E+00	2.20E+00	7.50E+00
WG	W-1	L15456-01	7/23/2009	Ru-103	-1.20E+00	2.10E+00	7.60E+00
WG	W-1	L15456-01	7/23/2009	Ru-106	-2.00E+00	1.60E+01	6.00E+01
WG	W-1	L15456-01	7/23/2009	Sb-124	-1.90E+00	4.20E+00	1.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-1	L15456-01	7/23/2009	Sb-125	-4.90E+00	4.80E+00	1.80E+01
WG	W-1	L15456-01	7/23/2009	Se-75	5.00E-01	2.00E+00	7.00E+00
WG	W-1	L15456-01	7/23/2009	Zn-65	-4.80E+00	4.40E+00	1.70E+01
WG	W-1	L15456-01	7/23/2009	Zr-95	-8.00E-01	3.00E+00	1.10E+01
WG	W-2	L15456-02	7/23/2009	AcTh-228	8.50E+00	6.10E+00	2.00E+01
WG	W-2	L15456-02	7/23/2009	Ag-108m	-7.00E-01	1.10E+00	3.90E+00
WG	W-2	L15456-02	7/23/2009	Ag-110m	-3.10E+00	2.00E+00	7.70E+00
WG	W-2	L15456-02	7/23/2009	Ba-140	-8.50E+00	3.40E+00	1.40E+01
WG	W-2	L15456-02	7/23/2009	Be-7	8.00E+00	1.00E+01	3.50E+01
WG	W-2	L15456-02	7/23/2009	Ce-141	-7.00E-01	1.90E+00	6.40E+00
WG	W-2	L15456-02	7/23/2009	Ce-144	-5.00E-01	6.70E+00	2.30E+01
WG	W-2	L15456-02	7/23/2009	Co-57	4.20E-01	8.40E-01	2.80E+00
WG	W-2	L15456-02	7/23/2009	Co-58	-2.30E+00	1.40E+00	5.40E+00
WG	W-2	L15456-02	7/23/2009	Co-60	-4.80E+00	1.80E+00	7.20E+00
WG	W-2	L15456-02	7/23/2009	Cr-51	3.00E+00	1.20E+01	4.20E+01
WG	W-2	L15456-02	7/23/2009	Cs-134	-7.00E-01	1.00E+00	5.10E+00
WG	W-2	L15456-02	7/23/2009	Cs-137	1.00E-01	1.40E+00	4.90E+00
WG	W-2	L15456-02	7/23/2009	Fe-59	4.00E-01	3.10E+00	1.10E+01
WG	W-2	L15456-02	7/23/2009	H-3	6.60E+02	4.00E+02	1.20E+03
WG	W-2	L15456-02	7/23/2009	I-131	4.00E+00	3.20E+00	1.10E+01
WG	W-2	L15456-02	7/23/2009	K-40	2.10E+01	2.30E+01	7.90E+01
WG	W-2	L15456-02	7/23/2009	La-140	-8.50E+00	3.40E+00	1.40E+01
WG	W-2	L15456-02	7/23/2009	Mn-54	-6.00E-01	1.30E+00	4.90E+00
WG	W-2	L15456-02	7/23/2009	Nb-95	1.00E+00	1.60E+00	5.70E+00
WG	W-2	L15456-02	7/23/2009	Ru-103	-2.70E+00	1.40E+00	5.20E+00
WG	W-2	L15456-02	7/23/2009	Ru-106	-2.20E+01	1.40E+01	5.10E+01
WG	W-2	L15456-02	7/23/2009	Sb-124	3.00E+00	3.80E+00	1.30E+01
WG	W-2	L15456-02	7/23/2009	Sb-125	1.60E+00	3.20E+00	1.10E+01
WG	W-2	L15456-02	7/23/2009	Se-75	-2.00E+00	1.40E+00	5.10E+00
WG	W-2	L15456-02	7/23/2009	Zn-65	5.90E+00	3.00E+00	9.70E+00
WG	W-2	L15456-02	7/23/2009	Zr-95	2.30E+00	2.40E+00	8.20E+00
WG	W-3	L15456-03	7/20/2009	AcTh-228	2.90E+00	7.10E+00	2.50E+01
WG	W-3	L15456-03	7/20/2009	Ag-108m	-1.50E+00	1.70E+00	6.10E+00
WG	W-3	L15456-03	7/20/2009	Ag-110m	-1.70E+00	2.40E+00	9.50E+00
WG	W-3	L15456-03	7/20/2009	Ba-140	9.00E-01	3.60E+00	1.40E+01
WG	W-3	L15456-03	7/20/2009	Be-7	-2.40E+01	1.80E+01	6.80E+01
WG	W-3	L15456-03	7/20/2009	Ce-141	7.20E+00	3.20E+00	1.00E+01
WG	W-3	L15456-03	7/20/2009	Ce-144	1.40E+01	1.10E+01	3.60E+01
WG	W-3	L15456-03	7/20/2009	Co-57	-2.00E-01	1.40E+00	4.80E+00
WG	W-3	L15456-03	7/20/2009	Co-58	-3.70E+00	2.00E+00	8.20E+00
WG	W-3	L15456-03	7/20/2009	Co-60	0.00E+00	1.70E+00	6.60E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-3	L15456-03	7/20/2009	Cr-51	2.30E+01	1.70E+01	5.80E+01
WG	W-3	L15456-03	7/20/2009	Cs-134	-2.50E+00	1.60E+00	8.10E+00
WG	W-3	L15456-03	7/20/2009	Cs-137	1.70E+00	2.00E+00	7.00E+00
WG	W-3	L15456-03	7/20/2009	Fe-59	-3.20E+00	4.10E+00	1.60E+01
WG	W-3	L15456-03	7/20/2009	H-3	3.10E+02	4.00E+02	1.20E+03
WG	W-3	L15456-03	7/20/2009	I-131	-5.40E+00	5.80E+00	2.10E+01
WG	W-3	L15456-03	7/20/2009	K-40	4.00E+00	2.60E+01	9.40E+01
WG	W-3	L15456-03	7/20/2009	La-140	9.00E-01	3.60E+00	1.40E+01
WG	W-3	L15456-03	7/20/2009	Mn-54	-1.80E+00	1.90E+00	7.50E+00
WG	W-3	L15456-03	7/20/2009	Nb-95	2.50E+00	2.30E+00	7.80E+00
WG	W-3	L15456-03	7/20/2009	Ru-103	-4.60E+00	2.30E+00	8.90E+00
WG	W-3	L15456-03	7/20/2009	Ru-106	-3.80E+01	1.90E+01	7.40E+01
WG	W-3	L15456-03	7/20/2009	Sb-124	4.20E+00	4.70E+00	1.70E+01
WG	W-3	L15456-03	7/20/2009	Sb-125	1.00E+00	4.70E+00	1.70E+01
WG	W-3	L15456-03	7/20/2009	Se-75	-8.00E-01	2.10E+00	7.70E+00
WG	W-3	L15456-03	7/20/2009	Zn-65	-7.80E+00	4.20E+00	1.70E+01
WG	W-3	L15456-03	7/20/2009	Zr-95	-1.30E+00	3.10E+00	1.20E+01
WG	W-4	L15456-04	7/22/2009	AcTh-228	2.30E+00	5.20E+00	1.80E+01
WG	W-4	L15456-04	7/22/2009	Ag-108m	-1.65E+00	9.80E-01	3.60E+00
WG	W-4	L15456-04	7/22/2009	Ag-110m	-7.00E-01	1.80E+00	6.60E+00
WG	W-4	L15456-04	7/22/2009	Ba-140	2.80E+00	3.40E+00	1.20E+01
WG	W-4	L15456-04	7/22/2009	Be-7	-1.50E+01	1.10E+01	3.90E+01
WG	W-4	L15456-04	7/22/2009	Ce-141	4.70E+00	5.50E+00	1.80E+01
WG	W-4	L15456-04	7/22/2009	Ce-144	-1.04E+01	6.00E+00	2.10E+01
WG	W-4	L15456-04	7/22/2009	Co-57	7.20E-01	7.60E-01	2.60E+00
WG	W-4	L15456-04	7/22/2009	Co-58	-1.90E+00	1.40E+00	5.30E+00
WG	W-4	L15456-04	7/22/2009	Co-60	5.00E-01	1.50E+00	5.20E+00
WG	W-4	L15456-04	7/22/2009	Cr-51	7.00E+00	1.00E+01	3.50E+01
WG	W-4	L15456-04	7/22/2009	Cs-134	2.00E-01	1.00E+00	4.60E+00
WG	W-4	L15456-04	7/22/2009	Cs-137	1.20E+00	1.10E+00	3.60E+00
WG	W-4	L15456-04	7/22/2009	Fe-59	2.20E+00	2.90E+00	1.00E+01
WG	W-4	L15456-04	7/22/2009	H-3	1.36E+03	4.00E+02	1.10E+03 *
WG	W-4	L15456-04	7/22/2009	I-131	-4.70E+00	2.80E+00	1.00E+01
WG	W-4	L15456-04	7/22/2009	K-40	5.00E+00	2.10E+01	7.40E+01
WG	W-4	L15456-04	7/22/2009	La-140	2.80E+00	3.40E+00	1.20E+01
WG	W-4	L15456-04	7/22/2009	Mn-54	5.00E-01	1.20E+00	4.20E+00
WG	W-4	L15456-04	7/22/2009	Nb-95	-3.00E+00	1.40E+00	5.50E+00
WG	W-4	L15456-04	7/22/2009	Ru-103	-1.80E+00	1.30E+00	4.70E+00
WG	W-4	L15456-04	7/22/2009	Ru-106	-3.00E+00	1.00E+01	3.70E+01
WG	W-4	L15456-04	7/22/2009	Sb-124	-7.60E+00	3.60E+00	1.50E+01
WG	W-4	L15456-04	7/22/2009	Sb-125	-9.00E-01	2.90E+00	1.00E+01

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WG	W-4	L15456-04	7/22/2009	Se-75	4.00E-01	1.20E+00	4.10E+00
WG	W-4	L15456-04	7/22/2009	Zn-65	-2.40E+00	2.80E+00	1.10E+01
WG	W-4	L15456-04	7/22/2009	Zr-95	3.00E-01	2.00E+00	7.20E+00
WG	W-5	L15456-05	7/22/2009	AcTh-228	2.00E-01	4.60E+00	1.60E+01
WG	W-5	L15456-05	7/22/2009	Ag-108m	7.80E-01	9.60E-01	3.30E+00
WG	W-5	L15456-05	7/22/2009	Ag-110m	-5.00E-01	1.70E+00	5.90E+00
WG	W-5	L15456-05	7/22/2009	Ba-140	-4.50E+00	3.20E+00	1.20E+01
WG	W-5	L15456-05	7/22/2009	Be-7	0.00E+00	1.00E+01	3.50E+01
WG	W-5	L15456-05	7/22/2009	Ce-141	-2.60E+00	2.80E+00	9.70E+00
WG	W-5	L15456-05	7/22/2009	Ce-144	1.10E+00	6.10E+00	2.10E+01
WG	W-5	L15456-05	7/22/2009	Co-57	4.00E-01	8.40E-01	2.80E+00
WG	W-5	L15456-05	7/22/2009	Co-58	-2.00E-01	1.20E+00	4.20E+00
WG	W-5	L15456-05	7/22/2009	Co-60	-4.00E-01	1.10E+00	4.20E+00
WG	W-5	L15456-05	7/22/2009	Cr-51	9.00E+00	1.10E+01	3.60E+01
WG	W-5	L15456-05	7/22/2009	Cs-134	-1.15E+00	8.00E-01	3.90E+00
WG	W-5	L15456-05	7/22/2009	Cs-137	2.70E+00	1.10E+00	3.50E+00
WG	W-5	L15456-05	7/22/2009	Fe-59	1.40E+00	2.30E+00	7.90E+00
WG	W-5	L15456-05	7/22/2009	H-3	1.39E+03	4.20E+02	1.20E+03 *
WG	W-5	L15456-05	7/22/2009	I-131	3.20E+00	3.50E+00	1.20E+01
WG	W-5	L15456-05	7/22/2009	K-40	2.70E+01	1.80E+01	6.00E+01
WG	W-5	L15456-05	7/22/2009	La-140	-4.50E+00	3.20E+00	1.20E+01
WG	W-5	L15456-05	7/22/2009	Mn-54	5.00E-01	1.00E+00	3.60E+00
WG	W-5	L15456-05	7/22/2009	Nb-95	-1.30E+00	1.40E+00	5.00E+00
WG	W-5	L15456-05	7/22/2009	Ru-103	-2.00E+00	1.40E+00	5.10E+00
WG	W-5	L15456-05	7/22/2009	Ru-106	-5.00E+00	1.00E+01	3.60E+01
WG	W-5	L15456-05	7/22/2009	Sb-124	-3.50E+00	3.20E+00	1.20E+01
WG	W-5	L15456-05	7/22/2009	Sb-125	1.20E+00	2.90E+00	1.00E+01
WG	W-5	L15456-05	7/22/2009	Se-75	2.60E+00	1.30E+00	4.20E+00
WG	W-5	L15456-05	7/22/2009	Zn-65	-7.90E+00	2.50E+00	1.00E+01
WG	W-5	L15456-05	7/22/2009	Zr-95	-3.00E-01	2.00E+00	7.20E+00
WG	W-6	L15456-06	7/22/2009	AcTh-228	-2.00E-01	6.50E+00	2.30E+01
WG	W-6	L15456-06	7/22/2009	Ag-108m	-2.40E+00	1.50E+00	5.50E+00
WG	W-6	L15456-06	7/22/2009	Ag-110m	3.50E+00	2.20E+00	7.30E+00
WG	W-6	L15456-06	7/22/2009	Ba-140	0.00E+00	4.00E+00	1.50E+01
WG	W-6	L15456-06	7/22/2009	Be-7	0.00E+00	1.40E+01	5.00E+01
WG	W-6	L15456-06	7/22/2009	Ce-141	-1.00E+00	2.60E+00	9.20E+00
WG	W-6	L15456-06	7/22/2009	Ce-144	-9.70E+00	8.70E+00	3.10E+01
WG	W-6	L15456-06	7/22/2009	Co-57	2.00E-01	1.20E+00	4.20E+00
WG	W-6	L15456-06	7/22/2009	Co-58	-6.00E-01	1.60E+00	5.80E+00
WG	W-6	L15456-06	7/22/2009	Co-60	-1.10E+00	1.80E+00	6.80E+00
WG	W-6	L15456-06	7/22/2009	Cr-51	0.00E+00	1.40E+01	5.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-6	L15456-06	7/22/2009	Cs-134	-1.60E+00	1.20E+00	5.70E+00
WG	W-6	L15456-06	7/22/2009	Cs-137	2.40E+00	1.70E+00	5.60E+00
WG	W-6	L15456-06	7/22/2009	Fe-59	-2.60E+00	3.80E+00	1.40E+01
WG	W-6	L15456-06	7/22/2009	H-3	1.22E+03	4.00E+02	1.10E+03 *
WG	W-6	L15456-06	7/22/2009	I-131	6.00E-01	4.00E+00	1.40E+01
WG	W-6	L15456-06	7/22/2009	K-40	8.30E+01	3.10E+01	9.70E+01
WG	W-6	L15456-06	7/22/2009	La-140	0.00E+00	4.00E+00	1.50E+01
WG	W-6	L15456-06	7/22/2009	Mn-54	6.00E-01	1.70E+00	6.00E+00
WG	W-6	L15456-06	7/22/2009	Nb-95	-8.00E-01	2.00E+00	7.20E+00
WG	W-6	L15456-06	7/22/2009	Ru-103	-3.50E+00	1.90E+00	7.20E+00
WG	W-6	L15456-06	7/22/2009	Ru-106	2.20E+01	1.60E+01	5.20E+01
WG	W-6	L15456-06	7/22/2009	Sb-124	0.00E+00	4.40E+00	1.70E+01
WG	W-6	L15456-06	7/22/2009	Sb-125	5.10E+00	4.20E+00	1.40E+01
WG	W-6	L15456-06	7/22/2009	Se-75	1.20E+00	1.80E+00	6.10E+00
WG	W-6	L15456-06	7/22/2009	Zn-65	-2.90E+00	4.00E+00	1.50E+01
WG	W-6	L15456-06	7/22/2009	Zr-95	2.80E+00	3.10E+00	1.10E+01
WG	W-7	L15456-07	7/20/2009	AcTh-228	3.30E+00	5.50E+00	1.90E+01
WG	W-7	L15456-07	7/20/2009	Ag-108m	-7.30E-01	9.80E-01	3.50E+00
WG	W-7	L15456-07	7/20/2009	Ag-110m	-4.00E-01	1.70E+00	5.90E+00
WG	W-7	L15456-07	7/20/2009	Ba-140	-5.80E+00	3.70E+00	1.50E+01
WG	W-7	L15456-07	7/20/2009	Be-7	-5.70E+00	9.70E+00	3.50E+01
WG	W-7	L15456-07	7/20/2009	Ce-141	-3.30E+00	1.90E+00	6.60E+00
WG	W-7	L15456-07	7/20/2009	Ce-144	5.00E+00	5.60E+00	1.90E+01
WG	W-7	L15456-07	7/20/2009	Co-57	3.00E-01	7.00E-01	2.40E+00
WG	W-7	L15456-07	7/20/2009	Co-58	1.00E-01	1.20E+00	4.10E+00
WG	W-7	L15456-07	7/20/2009	Co-60	-2.00E-01	1.40E+00	5.00E+00
WG	W-7	L15456-07	7/20/2009	Cr-51	-1.60E+01	1.20E+01	4.40E+01
WG	W-7	L15456-07	7/20/2009	Cs-134	-9.30E-01	9.80E-01	4.40E+00
WG	W-7	L15456-07	7/20/2009	Cs-137	8.00E-01	1.10E+00	3.90E+00
WG	W-7	L15456-07	7/20/2009	Fe-59	-2.00E+00	3.00E+00	1.50E+01
WG	W-7	L15456-07	7/20/2009	H-3	2.70E+02	3.90E+02	1.20E+03
WG	W-7	L15456-07	7/20/2009	I-131	3.80E+00	4.20E+00	1.40E+01
WG	W-7	L15456-07	7/20/2009	K-40	1.00E+01	2.00E+01	6.80E+01
WG	W-7	L15456-07	7/20/2009	La-140	-5.80E+00	3.70E+00	1.50E+01
WG	W-7	L15456-07	7/20/2009	Mn-54	-1.30E+00	1.10E+00	3.90E+00
WG	W-7	L15456-07	7/20/2009	Nb-95	-4.00E-01	1.60E+00	5.80E+00
WG	W-7	L15456-07	7/20/2009	Ru-103	-1.60E+00	1.30E+00	4.90E+00
WG	W-7	L15456-07	7/20/2009	Ru-106	-1.10E+01	1.20E+01	4.20E+01
WG	W-7	L15456-07	7/20/2009	Sb-124	0.00E+00	3.30E+00	1.20E+01
WG	W-7	L15456-07	7/20/2009	Sb-125	1.70E+00	2.90E+00	1.00E+01
WG	W-7	L15456-07	7/20/2009	Se-75	1.60E+00	1.20E+00	4.20E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-7	L15456-07	7/20/2009	Zn-65	0.00E+00	2.50E+00	8.80E+00
WG	W-7	L15456-07	7/20/2009	Zr-95	4.00E-01	2.00E+00	7.10E+00
WG	W-8	L15456-08	7/20/2009	AcTh-228	-3.70E+00	5.90E+00	2.10E+01
WG	W-8	L15456-08	7/20/2009	Ag-108m	-2.50E+00	1.10E+00	4.20E+00
WG	W-8	L15456-08	7/20/2009	Ag-110m	-1.00E-01	1.80E+00	6.40E+00
WG	W-8	L15456-08	7/20/2009	Ba-140	4.10E+00	4.00E+00	1.40E+01
WG	W-8	L15456-08	7/20/2009	Be-7	8.00E+00	1.10E+01	3.80E+01
WG	W-8	L15456-08	7/20/2009	Ce-141	-2.30E+00	1.70E+00	6.10E+00
WG	W-8	L15456-08	7/20/2009	Ce-144	-7.90E+00	5.60E+00	2.00E+01
WG	W-8	L15456-08	7/20/2009	Co-57	-3.10E-01	7.00E-01	2.40E+00
WG	W-8	L15456-08	7/20/2009	Co-58	-8.00E-01	1.40E+00	5.20E+00
WG	W-8	L15456-08	7/20/2009	Co-60	0.00E+00	1.50E+00	5.30E+00
WG	W-8	L15456-08	7/20/2009	Cr-51	-9.00E+00	1.20E+01	4.10E+01
WG	W-8	L15456-08	7/20/2009	Cs-134	-1.14E+00	9.20E-01	4.40E+00
WG	W-8	L15456-08	7/20/2009	Cs-137	-1.10E+00	1.40E+00	5.00E+00
WG	W-8	L15456-08	7/20/2009	Fe-59	1.50E+00	3.20E+00	1.10E+01
WG	W-8	L15456-08	7/20/2009	H-3	9.90E+02	4.10E+02	1.20E+03
WG	W-8	L15456-08	7/20/2009	I-131	-2.00E-01	3.60E+00	1.30E+01
WG	W-8	L15456-08	7/20/2009	K-40	1.20E+01	2.20E+01	7.70E+01
WG	W-8	L15456-08	7/20/2009	La-140	4.10E+00	4.00E+00	1.40E+01
WG	W-8	L15456-08	7/20/2009	Mn-54	-1.70E+00	1.40E+00	5.10E+00
WG	W-8	L15456-08	7/20/2009	Nb-95	-4.00E-01	1.80E+00	6.40E+00
WG	W-8	L15456-08	7/20/2009	Ru-103	-1.70E+00	1.50E+00	5.50E+00
WG	W-8	L15456-08	7/20/2009	Ru-106	-5.00E+00	1.20E+01	4.20E+01
WG	W-8	L15456-08	7/20/2009	Sb-124	6.00E-01	4.00E+00	1.40E+01
WG	W-8	L15456-08	7/20/2009	Sb-125	-5.30E+00	3.50E+00	1.30E+01
WG	W-8	L15456-08	7/20/2009	Se-75	3.10E+00	1.40E+00	4.60E+00
WG	W-8	L15456-08	7/20/2009	Zn-65	-1.70E+00	2.90E+00	1.10E+01
WG	W-8	L15456-08	7/20/2009	Zr-95	-3.00E+00	2.40E+00	9.20E+00
WG	W-9	L15456-09	7/23/2009	AcTh-228	-1.45E+01	5.80E+00	2.40E+01
WG	W-9	L15456-09	7/23/2009	Ag-108m	0.00E+00	1.30E+00	4.50E+00
WG	W-9	L15456-09	7/23/2009	Ag-110m	1.10E+00	1.90E+00	6.70E+00
WG	W-9	L15456-09	7/23/2009	Ba-140	1.10E+00	3.30E+00	1.20E+01
WG	W-9	L15456-09	7/23/2009	Be-7	7.00E+00	1.30E+01	4.60E+01
WG	W-9	L15456-09	7/23/2009	Ce-141	-5.80E+00	3.80E+00	1.40E+01
WG	W-9	L15456-09	7/23/2009	Ce-144	-1.51E+01	9.10E+00	3.30E+01
WG	W-9	L15456-09	7/23/2009	Co-57	9.00E-01	1.10E+00	3.80E+00
WG	W-9	L15456-09	7/23/2009	Co-58	-8.00E-01	1.50E+00	5.60E+00
WG	W-9	L15456-09	7/23/2009	Co-60	-1.80E+00	1.70E+00	6.60E+00
WG	W-9	L15456-09	7/23/2009	Cr-51	-2.00E+00	1.40E+01	5.00E+01
WG	W-9	L15456-09	7/23/2009	Cs-134	-4.00E-01	1.20E+00	5.90E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

SISG 0055 to version 2  
Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-9	L15456-09	7/23/2009	Cs-137	6.00E-01	1.40E+00	4.90E+00
WG	W-9	L15456-09	7/23/2009	Fe-59	-1.00E-01	3.60E+00	1.30E+01
WG	W-9	L15456-09	7/23/2009	H-3	4.10E+02	4.00E+02	1.20E+03
WG	W-9	L15456-09	7/23/2009	I-131	5.80E+00	3.60E+00	1.20E+01
WG	W-9	L15456-09	7/23/2009	K-40	2.20E+01	2.80E+01	9.60E+01
WG	W-9	L15456-09	7/23/2009	La-140	1.10E+00	3.30E+00	1.20E+01
WG	W-9	L15456-09	7/23/2009	Mn-54	-1.30E+00	1.70E+00	6.20E+00
WG	W-9	L15456-09	7/23/2009	Nb-95	4.00E-01	1.90E+00	6.60E+00
WG	W-9	L15456-09	7/23/2009	Ru-103	-6.00E-01	1.80E+00	6.40E+00
WG	W-9	L15456-09	7/23/2009	Ru-106	-3.20E+01	1.60E+01	6.30E+01
WG	W-9	L15456-09	7/23/2009	Sb-124	-2.90E+00	3.50E+00	1.40E+01
WG	W-9	L15456-09	7/23/2009	Sb-125	-3.80E+00	4.00E+00	1.50E+01
WG	W-9	L15456-09	7/23/2009	Se-75	-1.40E+00	1.80E+00	6.60E+00
WG	W-9	L15456-09	7/23/2009	Zn-65	-1.70E+00	3.10E+00	1.20E+01
WG	W-9	L15456-09	7/23/2009	Zr-95	0.00E+00	2.80E+00	1.00E+01
WG	W-10	L15456-10	7/20/2009	AcTh-228	-4.00E-01	5.00E+00	1.80E+01
WG	W-10	L15456-10	7/20/2009	Ag-108m	4.00E-01	1.10E+00	3.70E+00
WG	W-10	L15456-10	7/20/2009	Ag-110m	-2.60E+00	1.90E+00	7.00E+00
WG	W-10	L15456-10	7/20/2009	Ba-140	1.80E+00	3.10E+00	1.10E+01
WG	W-10	L15456-10	7/20/2009	Be-7	-1.20E+01	1.00E+01	3.80E+01
WG	W-10	L15456-10	7/20/2009	Ce-141	-4.20E+00	2.20E+00	8.00E+00
WG	W-10	L15456-10	7/20/2009	Ce-144	7.20E+00	7.50E+00	2.50E+01
WG	W-10	L15456-10	7/20/2009	Co-57	9.70E-01	9.30E-01	3.10E+00
WG	W-10	L15456-10	7/20/2009	Co-58	0.00E+00	1.20E+00	4.20E+00
WG	W-10	L15456-10	7/20/2009	Co-60	-1.10E+00	1.20E+00	4.80E+00
WG	W-10	L15456-10	7/20/2009	Cr-51	-3.00E+01	1.30E+01	4.90E+01
WG	W-10	L15456-10	7/20/2009	Cs-134	-1.03E+00	8.40E-01	4.20E+00
WG	W-10	L15456-10	7/20/2009	Cs-137	2.10E+00	1.30E+00	4.40E+00
WG	W-10	L15456-10	7/20/2009	Fe-59	-8.00E-01	2.60E+00	9.60E+00
WG	W-10	L15456-10	7/20/2009	H-3	6.20E+02	4.00E+02	1.20E+03
WG	W-10	L15456-10	7/20/2009	I-131	1.20E+00	3.80E+00	1.30E+01
WG	W-10	L15456-10	7/20/2009	K-40	-1.10E+01	1.90E+01	7.00E+01
WG	W-10	L15456-10	7/20/2009	La-140	1.80E+00	3.10E+00	1.10E+01
WG	W-10	L15456-10	7/20/2009	Mn-54	-2.40E+00	1.30E+00	4.90E+00
WG	W-10	L15456-10	7/20/2009	Nb-95	-1.80E+00	1.70E+00	6.10E+00
WG	W-10	L15456-10	7/20/2009	Ru-103	2.90E+00	1.60E+00	5.20E+00
WG	W-10	L15456-10	7/20/2009	Ru-106	-1.00E+00	1.20E+01	4.30E+01
WG	W-10	L15456-10	7/20/2009	Sb-124	3.60E+00	3.30E+00	1.10E+01
WG	W-10	L15456-10	7/20/2009	Sb-125	7.00E-01	3.40E+00	1.20E+01
WG	W-10	L15456-10	7/20/2009	Se-75	-1.10E+00	1.50E+00	5.30E+00
WG	W-10	L15456-10	7/20/2009	Zn-65	-1.30E+00	2.50E+00	9.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-10	L15456-10	7/20/2009	Zr-95	-6.00E-01	2.40E+00	8.80E+00
WG	W-11	L15456-11	7/20/2009	AcTh-228	-8.90E+00	4.90E+00	1.80E+01
WG	W-11	L15456-11	7/20/2009	Ag-108m	1.12E+00	9.30E-01	3.10E+00
WG	W-11	L15456-11	7/20/2009	Ag-110m	-1.70E+00	1.60E+00	5.70E+00
WG	W-11	L15456-11	7/20/2009	Ba-140	1.80E+00	2.90E+00	1.00E+01
WG	W-11	L15456-11	7/20/2009	Be-7	-1.20E+01	1.20E+01	4.30E+01
WG	W-11	L15456-11	7/20/2009	Ce-141	-3.70E+00	2.00E+00	7.10E+00
WG	W-11	L15456-11	7/20/2009	Ce-144	-2.60E+00	5.70E+00	2.00E+01
WG	W-11	L15456-11	7/20/2009	Co-57	-4.00E-02	6.90E-01	2.40E+00
WG	W-11	L15456-11	7/20/2009	Co-58	-4.00E-01	1.20E+00	4.40E+00
WG	W-11	L15456-11	7/20/2009	Co-60	1.10E+00	1.30E+00	4.50E+00
WG	W-11	L15456-11	7/20/2009	Cr-51	2.00E+00	1.20E+01	4.00E+01
WG	W-11	L15456-11	7/20/2009	Cs-134	1.20E+00	1.00E+00	4.50E+00
WG	W-11	L15456-11	7/20/2009	Cs-137	-2.00E+00	1.30E+00	4.90E+00
WG	W-11	L15456-11	7/20/2009	Fe-59	3.00E-01	2.90E+00	1.00E+01
WG	W-11	L15456-11	7/20/2009	H-3	2.30E+02	4.00E+02	1.20E+03
WG	W-11	L15456-11	7/20/2009	I-131	-8.00E-01	3.80E+00	1.30E+01
WG	W-11	L15456-11	7/20/2009	K-40	1.30E+01	2.00E+01	6.70E+01
WG	W-11	L15456-11	7/20/2009	La-140	1.80E+00	2.90E+00	1.00E+01
WG	W-11	L15456-11	7/20/2009	Mn-54	2.00E-01	1.10E+00	4.00E+00
WG	W-11	L15456-11	7/20/2009	Nb-95	2.90E+00	1.60E+00	5.20E+00
WG	W-11	L15456-11	7/20/2009	Ru-103	-2.70E+00	1.40E+00	5.20E+00
WG	W-11	L15456-11	7/20/2009	Ru-106	7.00E+00	1.20E+01	4.00E+01
WG	W-11	L15456-11	7/20/2009	Sb-124	4.40E+00	2.80E+00	9.30E+00
WG	W-11	L15456-11	7/20/2009	Sb-125	1.00E+00	2.90E+00	1.00E+01
WG	W-11	L15456-11	7/20/2009	Se-75	7.00E-01	1.30E+00	4.50E+00
WG	W-11	L15456-11	7/20/2009	Zn-65	-5.10E+00	2.50E+00	9.70E+00
WG	W-11	L15456-11	7/20/2009	Zr-95	3.40E+00	2.40E+00	7.80E+00
WG	W-12	L15456-12	7/20/2009	AcTh-228	-2.20E+00	5.60E+00	2.00E+01
WG	W-12	L15456-12	7/20/2009	Ag-108m	-1.20E-01	9.40E-01	3.30E+00
WG	W-12	L15456-12	7/20/2009	Ag-110m	7.00E-01	1.60E+00	5.60E+00
WG	W-12	L15456-12	7/20/2009	Ba-140	4.00E+00	3.20E+00	1.10E+01
WG	W-12	L15456-12	7/20/2009	Be-7	5.00E+00	1.00E+01	3.50E+01
WG	W-12	L15456-12	7/20/2009	Ce-141	9.00E-01	1.70E+00	5.60E+00
WG	W-12	L15456-12	7/20/2009	Ce-144	3.90E+00	5.70E+00	1.90E+01
WG	W-12	L15456-12	7/20/2009	Co-57	5.80E-01	7.20E-01	2.40E+00
WG	W-12	L15456-12	7/20/2009	Co-58	-1.50E+00	1.20E+00	4.60E+00
WG	W-12	L15456-12	7/20/2009	Co-60	-2.00E-01	1.40E+00	5.00E+00
WG	W-12	L15456-12	7/20/2009	Cr-51	-3.00E+00	1.20E+01	4.10E+01
WG	W-12	L15456-12	7/20/2009	Cs-134	-4.30E-01	9.90E-01	4.30E+00
WG	W-12	L15456-12	7/20/2009	Cs-137	-4.00E-01	1.20E+00	4.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-12	L15456-12	7/20/2009	Fe-59	-2.80E+00	2.70E+00	1.00E+01
WG	W-12	L15456-12	7/20/2009	H-3	3.40E+02	4.00E+02	1.20E+03
WG	W-12	L15456-12	7/20/2009	I-131	2.20E+00	3.40E+00	1.10E+01
WG	W-12	L15456-12	7/20/2009	K-40	-1.10E+01	2.00E+01	7.10E+01
WG	W-12	L15456-12	7/20/2009	La-140	4.00E+00	3.20E+00	1.10E+01
WG	W-12	L15456-12	7/20/2009	Mn-54	-1.40E+00	1.20E+00	4.30E+00
WG	W-12	L15456-12	7/20/2009	Nb-95	-9.00E-01	1.50E+00	5.40E+00
WG	W-12	L15456-12	7/20/2009	Ru-103	7.00E-01	1.30E+00	4.40E+00
WG	W-12	L15456-12	7/20/2009	Ru-106	-4.00E+00	1.10E+01	3.80E+01
WG	W-12	L15456-12	7/20/2009	Sb-124	4.00E-01	3.60E+00	1.30E+01
WG	W-12	L15456-12	7/20/2009	Sb-125	-4.10E+00	2.80E+00	1.00E+01
WG	W-12	L15456-12	7/20/2009	Se-75	-9.00E-01	1.20E+00	4.20E+00
WG	W-12	L15456-12	7/20/2009	Zn-65	3.40E+00	2.40E+00	7.90E+00
WG	W-12	L15456-12	7/20/2009	Zr-95	-4.10E+00	2.20E+00	8.30E+00
WG	W-13	L15456-13	7/20/2009	AcTh-228	1.03E+01	5.60E+00	1.80E+01
WG	W-13	L15456-13	7/20/2009	Ag-108m	-9.00E-01	1.20E+00	4.40E+00
WG	W-13	L15456-13	7/20/2009	Ag-110m	8.00E-01	2.00E+00	6.90E+00
WG	W-13	L15456-13	7/20/2009	Ba-140	-7.00E-01	3.70E+00	1.40E+01
WG	W-13	L15456-13	7/20/2009	Be-7	-1.10E+01	1.50E+01	5.30E+01
WG	W-13	L15456-13	7/20/2009	Ce-141	-6.50E+00	2.40E+00	8.90E+00
WG	W-13	L15456-13	7/20/2009	Ce-144	-6.30E+00	7.00E+00	2.50E+01
WG	W-13	L15456-13	7/20/2009	Co-57	-8.40E-01	9.00E-01	3.20E+00
WG	W-13	L15456-13	7/20/2009	Co-58	-1.30E+00	1.90E+00	6.80E+00
WG	W-13	L15456-13	7/20/2009	Co-60	-4.00E-01	1.40E+00	5.40E+00
WG	W-13	L15456-13	7/20/2009	Cr-51	7.00E+00	1.40E+01	4.90E+01
WG	W-13	L15456-13	7/20/2009	Cs-134	-2.00E-01	1.10E+00	5.00E+00
WG	W-13	L15456-13	7/20/2009	Cs-137	2.40E+00	1.60E+00	5.10E+00
WG	W-13	L15456-13	7/20/2009	Fe-59	2.90E+00	3.30E+00	1.20E+01
WG	W-13	L15456-13	7/20/2009	H-3	3.70E+02	4.00E+02	1.20E+03
WG	W-13	L15456-13	7/20/2009	I-131	1.00E+00	4.90E+00	1.70E+01
WG	W-13	L15456-13	7/20/2009	K-40	2.70E+01	2.70E+01	9.10E+01
WG	W-13	L15456-13	7/20/2009	La-140	-7.00E-01	3.70E+00	1.40E+01
WG	W-13	L15456-13	7/20/2009	Mn-54	3.00E-01	1.50E+00	5.20E+00
WG	W-13	L15456-13	7/20/2009	Nb-95	-1.00E+00	2.00E+00	7.30E+00
WG	W-13	L15456-13	7/20/2009	Ru-103	-2.60E+00	1.70E+00	6.30E+00
WG	W-13	L15456-13	7/20/2009	Ru-106	-1.20E+01	1.40E+01	5.10E+01
WG	W-13	L15456-13	7/20/2009	Sb-124	-6.00E-01	3.80E+00	1.40E+01
WG	W-13	L15456-13	7/20/2009	Sb-125	-1.80E+00	3.90E+00	1.40E+01
WG	W-13	L15456-13	7/20/2009	Se-75	2.30E+00	1.60E+00	5.40E+00
WG	W-13	L15456-13	7/20/2009	Zn-65	-3.90E+00	3.50E+00	1.30E+01
WG	W-13	L15456-13	7/20/2009	Zr-95	-5.00E+00	3.00E+00	1.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WG	W-14	L15456-14	7/20/2009	AcTh-228	-4.60E+00	5.60E+00	2.10E+01
WG	W-14	L15456-14	7/20/2009	Ag-108m	4.00E-01	1.10E+00	3.80E+00
WG	W-14	L15456-14	7/20/2009	Ag-110m	-1.30E+00	1.80E+00	6.70E+00
WG	W-14	L15456-14	7/20/2009	Ba-140	1.90E+00	4.20E+00	1.50E+01
WG	W-14	L15456-14	7/20/2009	Be-7	-2.00E+00	1.30E+01	4.50E+01
WG	W-14	L15456-14	7/20/2009	Ce-141	-3.50E+00	2.00E+00	7.00E+00
WG	W-14	L15456-14	7/20/2009	Ce-144	4.10E+00	6.20E+00	2.10E+01
WG	W-14	L15456-14	7/20/2009	Co-57	-8.80E-01	7.80E-01	2.80E+00
WG	W-14	L15456-14	7/20/2009	Co-58	-1.00E-01	1.40E+00	5.10E+00
WG	W-14	L15456-14	7/20/2009	Co-60	7.00E-01	1.40E+00	5.20E+00
WG	W-14	L15456-14	7/20/2009	Cr-51	2.00E+01	1.40E+01	4.80E+01
WG	W-14	L15456-14	7/20/2009	Cs-134	1.30E+00	1.00E+00	4.40E+00
WG	W-14	L15456-14	7/20/2009	Cs-137	-2.40E+00	1.50E+00	5.60E+00
WG	W-14	L15456-14	7/20/2009	Fe-59	-3.80E+00	3.30E+00	1.30E+01
WG	W-14	L15456-14	7/20/2009	H-3	4.60E+02	4.00E+02	1.20E+03
WG	W-14	L15456-14	7/20/2009	I-131	-6.80E+00	3.80E+00	1.40E+01
WG	W-14	L15456-14	7/20/2009	K-40	-9.00E+00	2.10E+01	7.70E+01
WG	W-14	L15456-14	7/20/2009	La-140	1.90E+00	4.20E+00	1.50E+01
WG	W-14	L15456-14	7/20/2009	Mn-54	-1.10E+00	1.50E+00	5.40E+00
WG	W-14	L15456-14	7/20/2009	Nb-95	1.90E+00	1.90E+00	6.30E+00
WG	W-14	L15456-14	7/20/2009	Ru-103	-2.10E+00	1.70E+00	6.10E+00
WG	W-14	L15456-14	7/20/2009	Ru-106	-6.00E+00	1.30E+01	4.60E+01
WG	W-14	L15456-14	7/20/2009	Sb-124	4.00E+00	4.00E+00	1.40E+01
WG	W-14	L15456-14	7/20/2009	Sb-125	1.90E+00	3.60E+00	1.20E+01
WG	W-14	L15456-14	7/20/2009	Se-75	-1.30E+00	1.60E+00	5.60E+00
WG	W-14	L15456-14	7/20/2009	Zn-65	-4.30E+00	3.20E+00	1.20E+01
WG	W-14	L15456-14	7/20/2009	Zr-95	-1.10E+00	2.70E+00	9.80E+00
WG	W-15	L15456-15	7/20/2009	AcTh-228	4.30E+00	6.30E+00	2.10E+01
WG	W-15	L15456-15	7/20/2009	Ag-108m	-2.00E-01	1.10E+00	3.70E+00
WG	W-15	L15456-15	7/20/2009	Ag-110m	-2.30E+00	1.70E+00	6.30E+00
WG	W-15	L15456-15	7/20/2009	Ba-140	-1.60E+00	3.70E+00	1.40E+01
WG	W-15	L15456-15	7/20/2009	Be-7	2.00E+01	1.30E+01	4.40E+01
WG	W-15	L15456-15	7/20/2009	Ce-141	-5.90E+00	3.40E+00	1.20E+01
WG	W-15	L15456-15	7/20/2009	Ce-144	2.50E+00	6.20E+00	2.10E+01
WG	W-15	L15456-15	7/20/2009	Co-57	-5.60E-01	7.70E-01	2.70E+00
WG	W-15	L15456-15	7/20/2009	Co-58	2.00E+00	1.40E+00	4.60E+00
WG	W-15	L15456-15	7/20/2009	Co-60	-1.50E+00	1.30E+00	5.00E+00
WG	W-15	L15456-15	7/20/2009	Cr-51	1.40E+01	1.20E+01	4.20E+01
WG	W-15	L15456-15	7/20/2009	Cs-134	1.00E-02	9.10E-01	4.10E+00
WG	W-15	L15456-15	7/20/2009	Cs-137	2.80E+00	1.40E+00	4.70E+00
WG	W-15	L15456-15	7/20/2009	Fe-59	3.70E+00	3.30E+00	1.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

150 8000 10 15 00 11 06  
Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-15	L15456-15	7/20/2009	H-3	9.90E+02	4.00E+02	1.20E+03
WG	W-15	L15456-15	7/20/2009	I-131	-8.20E+00	4.40E+00	1.60E+01
WG	W-15	L15456-15	7/20/2009	K-40	-5.00E+00	2.00E+01	7.00E+01
WG	W-15	L15456-15	7/20/2009	La-140	-1.60E+00	3.70E+00	1.40E+01
WG	W-15	L15456-15	7/20/2009	Mn-54	1.40E+00	1.20E+00	4.10E+00
WG	W-15	L15456-15	7/20/2009	Nb-95	1.80E+00	1.60E+00	5.50E+00
WG	W-15	L15456-15	7/20/2009	Ru-103	-3.00E+00	1.60E+00	6.00E+00
WG	W-15	L15456-15	7/20/2009	Ru-106	-3.10E+01	1.20E+01	4.70E+01
WG	W-15	L15456-15	7/20/2009	Sb-124	5.30E+00	3.30E+00	1.10E+01
WG	W-15	L15456-15	7/20/2009	Sb-125	-3.60E+00	3.50E+00	1.20E+01
WG	W-15	L15456-15	7/20/2009	Se-75	4.00E-01	1.50E+00	5.00E+00
WG	W-15	L15456-15	7/20/2009	Zn-65	-3.00E-01	2.70E+00	9.60E+00
WG	W-15	L15456-15	7/20/2009	Zr-95	1.40E+00	2.60E+00	8.80E+00
WG	MW-20	L15456-16	7/20/2009	AcTh-228	8.40E+00	3.20E+00	1.10E+01
WG	MW-20	L15456-16	7/20/2009	Ag-108m	-8.00E-01	7.80E-01	2.70E+00
WG	MW-20	L15456-16	7/20/2009	Ag-110m	-7.00E-01	1.30E+00	4.50E+00
WG	MW-20	L15456-16	7/20/2009	Ba-140	-1.70E+00	2.40E+00	9.00E+00
WG	MW-20	L15456-16	7/20/2009	Be-7	2.00E+00	8.00E+00	2.70E+01
WG	MW-20	L15456-16	7/20/2009	Ce-141	2.80E+00	2.10E+00	6.80E+00
WG	MW-20	L15456-16	7/20/2009	Ce-144	-1.10E+00	5.00E+00	1.70E+01
WG	MW-20	L15456-16	7/20/2009	Co-57	5.00E-02	6.50E-01	2.20E+00
WG	MW-20	L15456-16	7/20/2009	Co-58	1.27E+00	9.50E-01	3.20E+00
WG	MW-20	L15456-16	7/20/2009	Co-60	-4.40E-01	9.00E-01	3.30E+00
WG	MW-20	L15456-16	7/20/2009	Cr-51	7.20E+00	9.10E+00	3.00E+01
WG	MW-20	L15456-16	7/20/2009	Cs-134	-3.70E-01	7.40E-01	3.20E+00
WG	MW-20	L15456-16	7/20/2009	Cs-137	9.70E-01	9.30E-01	3.10E+00
WG	MW-20	L15456-16	7/20/2009	Fe-59	-1.10E+00	2.00E+00	7.30E+00
WG	MW-20	L15456-16	7/20/2009	H-3	3.10E+02	4.00E+02	1.20E+03
WG	MW-20	L15456-16	7/20/2009	I-131	-1.30E+00	3.10E+00	1.10E+01
WG	MW-20	L15456-16	7/20/2009	K-40	-5.00E+00	1.50E+01	5.10E+01
WG	MW-20	L15456-16	7/20/2009	La-140	-1.70E+00	2.40E+00	9.00E+00
WG	MW-20	L15456-16	7/20/2009	Mn-54	4.50E-01	8.40E-01	2.90E+00
WG	MW-20	L15456-16	7/20/2009	Nb-95	-1.10E+00	1.20E+00	4.30E+00
WG	MW-20	L15456-16	7/20/2009	Ru-103	-2.70E+00	1.60E+00	5.90E+00
WG	MW-20	L15456-16	7/20/2009	Ru-106	6.70E+00	9.00E+00	3.00E+01
WG	MW-20	L15456-16	7/20/2009	Sb-124	-3.90E+00	2.40E+00	9.40E+00
WG	MW-20	L15456-16	7/20/2009	Sb-125	-6.00E-01	2.30E+00	8.00E+00
WG	MW-20	L15456-16	7/20/2009	Se-75	6.00E-01	1.10E+00	3.60E+00
WG	MW-20	L15456-16	7/20/2009	Zn-65	-2.90E+00	2.10E+00	7.70E+00
WG	MW-20	L15456-16	7/20/2009	Zr-95	-1.50E+00	1.80E+00	6.60E+00
WG	MW-21	L15456-17	7/20/2009	AcTh-228	2.20E+00	5.60E+00	1.90E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	MW-21	L15456-17	7/20/2009	Ag-108m	5.70E-01	9.00E-01	3.10E+00
WG	MW-21	L15456-17	7/20/2009	Ag-110m	-2.80E+00	-1.80E+00	6.70E+00
WG	MW-21	L15456-17	7/20/2009	Ba-140	4.20E+00	3.30E+00	1.10E+01
WG	MW-21	L15456-17	7/20/2009	Be-7	-1.60E+00	9.70E+00	3.40E+01
WG	MW-21	L15456-17	7/20/2009	Ce-141	-1.30E+00	2.00E+00	6.90E+00
WG	MW-21	L15456-17	7/20/2009	Ce-144	-7.30E+00	6.00E+00	2.10E+01
WG	MW-21	L15456-17	7/20/2009	Co-57	-4.00E-02	7.60E-01	2.60E+00
WG	MW-21	L15456-17	7/20/2009	Co-58	3.00E-01	1.40E+00	5.00E+00
WG	MW-21	L15456-17	7/20/2009	Co-60	7.00E-01	1.70E+00	5.80E+00
WG	MW-21	L15456-17	7/20/2009	Cr-51	4.00E+00	1.10E+01	3.80E+01
WG	MW-21	L15456-17	7/20/2009	Cs-134	-7.70E-01	8.30E-01	4.10E+00
WG	MW-21	L15456-17	7/20/2009	Cs-137	5.00E-01	1.20E+00	4.10E+00
WG	MW-21	L15456-17	7/20/2009	Fe-59	3.20E+00	3.20E+00	1.10E+01
WG	MW-21	L15456-17	7/20/2009	H-3	8.00E+01	3.90E+02	1.20E+03
WG	MW-21	L15456-17	7/20/2009	I-131	-2.50E+00	3.90E+00	1.40E+01
WG	MW-21	L15456-17	7/20/2009	K-40	-1.80E+01	1.80E+01	6.70E+01
WG	MW-21	L15456-17	7/20/2009	La-140	4.20E+00	3.30E+00	1.10E+01
WG	MW-21	L15456-17	7/20/2009	Mn-54	4.00E-01	1.30E+00	4.40E+00
WG	MW-21	L15456-17	7/20/2009	Nb-95	0.00E+00	1.60E+00	5.50E+00
WG	MW-21	L15456-17	7/20/2009	Ru-103	-1.00E+00	1.30E+00	4.80E+00
WG	MW-21	L15456-17	7/20/2009	Ru-106	-1.00E+00	1.10E+01	4.00E+01
WG	MW-21	L15456-17	7/20/2009	Sb-124	4.40E+00	3.70E+00	1.20E+01
WG	MW-21	L15456-17	7/20/2009	Sb-125	1.30E+00	2.60E+00	1.80E+01
WG	MW-21	L15456-17	7/20/2009	Se-75	1.80E+00	1.20E+00	4.10E+00
WG	MW-21	L15456-17	7/20/2009	Zn-65	1.00E+00	3.00E+00	1.10E+01
WG	MW-21	L15456-17	7/20/2009	Zr-95	-4.00E-01	2.30E+00	8.30E+00
WG	W-1	L15790-01	10/20/2009	AcTh-228	2.20E+00	7.10E+00	2.50E+01
WG	W-1	L15790-01	10/20/2009	Ag-108m	2.80E+00	1.70E+00	5.60E+00
WG	W-1	L15790-01	10/20/2009	Ag-110m	-2.10E+00	2.50E+00	9.40E+00
WG	W-1	L15790-01	10/20/2009	Ba-140	1.70E+00	3.80E+00	1.40E+01
WG	W-1	L15790-01	10/20/2009	Be-7	-3.70E+01	1.40E+01	5.70E+01
WG	W-1	L15790-01	10/20/2009	Ce-141	1.00E-01	2.90E+00	1.00E+01
WG	W-1	L15790-01	10/20/2009	Ce-144	-8.00E+00	1.10E+01	3.80E+01
WG	W-1	L15790-01	10/20/2009	Co-57	1.20E+00	1.30E+00	4.40E+00
WG	W-1	L15790-01	10/20/2009	Co-58	-9.00E-01	1.90E+00	7.10E+00
WG	W-1	L15790-01	10/20/2009	Co-60	3.00E-01	1.90E+00	7.10E+00
WG	W-1	L15790-01	10/20/2009	Cr-51	1.00E+01	1.50E+01	5.10E+01
WG	W-1	L15790-01	10/20/2009	Cs-134	3.00E-01	1.90E+00	6.90E+00
WG	W-1	L15790-01	10/20/2009	Cs-137	-2.80E+00	1.90E+00	7.40E+00
WG	W-1	L15790-01	10/20/2009	Fe-59	2.00E+00	3.10E+00	1.10E+01
WG	W-1	L15790-01	10/20/2009	H-3	-6.70E+02	4.00E+02	1.20E+03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-1	L15790-01	10/20/2009	I-131	-9.00E-01	3.30E+00	1.20E+01
WG	W-1	L15790-01	10/20/2009	K-40	3.90E+01	2.60E+01	8.40E+01
WG	W-1	L15790-01	10/20/2009	La-140	1.70E+00	3.80E+00	1.40E+01
WG	W-1	L15790-01	10/20/2009	Mn-54	-4.40E+00	1.80E+00	7.20E+00
WG	W-1	L15790-01	10/20/2009	Nb-95	3.10E+00	2.30E+00	7.50E+00
WG	W-1	L15790-01	10/20/2009	Ru-103	1.20E+00	1.80E+00	6.20E+00
WG	W-1	L15790-01	10/20/2009	Ru-106	-5.00E+00	1.70E+01	6.10E+01
WG	W-1	L15790-01	10/20/2009	Sb-124	-9.10E+00	4.80E+00	2.00E+01
WG	W-1	L15790-01	10/20/2009	Sb-125	-6.10E+00	4.80E+00	1.80E+01
WG	W-1	L15790-01	10/20/2009	Se-75	1.60E+00	2.10E+00	7.20E+00
WG	W-1	L15790-01	10/20/2009	Zn-65	1.38E+01	7.50E+00	2.40E+01
WG	W-1	L15790-01	10/20/2009	Zr-95	-7.90E+00	3.30E+00	1.30E+01
WG	W-2	L15790-02	10/20/2009	AcTh-228	2.60E+00	7.90E+00	2.80E+01
WG	W-2	L15790-02	10/20/2009	Ag-108m	2.60E+00	1.70E+00	5.60E+00
WG	W-2	L15790-02	10/20/2009	Ag-110m	-3.00E+00	2.40E+00	9.50E+00
WG	W-2	L15790-02	10/20/2009	Ba-140	-4.60E+00	3.50E+00	1.50E+01
WG	W-2	L15790-02	10/20/2009	Be-7	-2.00E+01	1.80E+01	6.60E+01
WG	W-2	L15790-02	10/20/2009	Ce-141	-2.70E+00	2.80E+00	1.00E+01
WG	W-2	L15790-02	10/20/2009	Ce-144	-1.00E+01	1.10E+01	3.90E+01
WG	W-2	L15790-02	10/20/2009	Co-57	2.00E-01	1.20E+00	4.30E+00
WG	W-2	L15790-02	10/20/2009	Co-58	1.00E-01	2.00E+00	7.10E+00
WG	W-2	L15790-02	10/20/2009	Co-60	-2.90E+00	2.10E+00	8.70E+00
WG	W-2	L15790-02	10/20/2009	Cr-51	1.00E+00	1.60E+01	5.50E+01
WG	W-2	L15790-02	10/20/2009	Cs-134	3.00E-01	1.70E+00	7.50E+00
WG	W-2	L15790-02	10/20/2009	Cs-137	-1.20E+00	2.00E+00	7.40E+00
WG	W-2	L15790-02	10/20/2009	Fe-59	1.20E+00	3.90E+00	1.40E+01
WG	W-2	L15790-02	10/20/2009	H-3	1.10E+02	4.20E+02	1.20E+03
WG	W-2	L15790-02	10/20/2009	I-131	-4.20E+00	3.30E+00	1.30E+01
WG	W-2	L15790-02	10/20/2009	K-40	5.20E+01	3.80E+01	1.30E+02
WG	W-2	L15790-02	10/20/2009	La-140	-4.60E+00	3.50E+00	1.50E+01
WG	W-2	L15790-02	10/20/2009	Mn-54	1.00E-01	1.80E+00	6.70E+00
WG	W-2	L15790-02	10/20/2009	Nb-95	8.00E-01	2.40E+00	8.60E+00
WG	W-2	L15790-02	10/20/2009	Ru-103	-3.80E+00	2.00E+00	7.80E+00
WG	W-2	L15790-02	10/20/2009	Ru-106	-3.20E+01	1.60E+01	6.40E+01
WG	W-2	L15790-02	10/20/2009	Sb-124	-1.90E+00	4.00E+00	1.70E+01
WG	W-2	L15790-02	10/20/2009	Sb-125	0.00E+00	5.40E+00	1.90E+01
WG	W-2	L15790-02	10/20/2009	Se-75	-2.70E+00	2.30E+00	8.30E+00
WG	W-2	L15790-02	10/20/2009	Zn-65	-9.40E+00	4.40E+00	1.80E+01
WG	W-2	L15790-02	10/20/2009	Zr-95	-2.80E+00	3.50E+00	1.30E+01
WG	W-3	L15790-03	10/19/2009	AcTh-228	-2.30E+00	8.20E+00	2.90E+01
WG	W-3	L15790-03	10/19/2009	Ag-108m	-1.00E+00	1.40E+00	5.00E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WG	W-3	L15790-03	10/19/2009	Ag-110m	-1.90E+00	2.10E+00	8.00E+00
WG	W-3	L15790-03	10/19/2009	Ba-140	-3.30E+00	3.40E+00	1.30E+01
WG	W-3	L15790-03	10/19/2009	Be-7	3.00E+00	1.40E+01	4.90E+01
WG	W-3	L15790-03	10/19/2009	Ce-141	-5.10E+00	2.60E+00	9.10E+00
WG	W-3	L15790-03	10/19/2009	Ce-144	-8.00E-01	9.00E+00	3.10E+01
WG	W-3	L15790-03	10/19/2009	Co-57	-4.00E-01	1.00E+00	3.50E+00
WG	W-3	L15790-03	10/19/2009	Co-58	3.00E-01	1.60E+00	5.80E+00
WG	W-3	L15790-03	10/19/2009	Co-60	1.50E+00	1.60E+00	5.60E+00
WG	W-3	L15790-03	10/19/2009	Cr-51	1.40E+01	1.40E+01	4.80E+01
WG	W-3	L15790-03	10/19/2009	Cs-134	8.00E-01	1.20E+00	5.50E+00
WG	W-3	L15790-03	10/19/2009	Cs-137	8.00E-01	1.60E+00	5.60E+00
WG	W-3	L15790-03	10/19/2009	Fe-59	3.00E+00	3.40E+00	1.20E+01
WG	W-3	L15790-03	10/19/2009	H-3	-4.90E+02	4.10E+02	1.30E+03
WG	W-3	L15790-03	10/19/2009	I-131	1.00E+00	3.10E+00	1.10E+01
WG	W-3	L15790-03	10/19/2009	K-40	2.60E+01	2.70E+01	9.30E+01
WG	W-3	L15790-03	10/19/2009	La-140	-3.30E+00	3.40E+00	1.30E+01
WG	W-3	L15790-03	10/19/2009	Mn-54	-4.00E-01	1.70E+00	6.30E+00
WG	W-3	L15790-03	10/19/2009	Nb-95	9.00E-01	2.80E+00	9.70E+00
WG	W-3	L15790-03	10/19/2009	Ru-103	2.00E+00	1.70E+00	5.70E+00
WG	W-3	L15790-03	10/19/2009	Ru-106	-1.60E+01	1.40E+01	5.30E+01
WG	W-3	L15790-03	10/19/2009	Sb-124	-4.30E+00	4.10E+00	1.60E+01
WG	W-3	L15790-03	10/19/2009	Sb-125	-3.30E+00	4.30E+00	1.50E+01
WG	W-3	L15790-03	10/19/2009	Se-75	1.30E+00	1.90E+00	6.60E+00
WG	W-3	L15790-03	10/19/2009	Zn-65	-1.30E+00	6.80E+00	2.40E+01
WG	W-3	L15790-03	10/19/2009	Zr-95	1.40E+00	2.80E+00	9.90E+00
WG	W-4	L15790-04	10/21/2009	AcTh-228	1.25E+01	8.40E+00	2.80E+01
WG	W-4	L15790-04	10/21/2009	Ag-108m	9.00E-01	1.80E+00	6.10E+00
WG	W-4	L15790-04	10/21/2009	Ag-110m	3.20E+00	2.30E+00	7.80E+00
WG	W-4	L15790-04	10/21/2009	Ba-140	-1.40E+00	3.50E+00	1.40E+01
WG	W-4	L15790-04	10/21/2009	Be-7	-1.20E+01	1.50E+01	5.80E+01
WG	W-4	L15790-04	10/21/2009	Ce-141	2.50E+00	3.30E+00	1.10E+01
WG	W-4	L15790-04	10/21/2009	Ce-144	2.00E+00	1.10E+01	3.80E+01
WG	W-4	L15790-04	10/21/2009	Co-57	1.80E+00	1.50E+00	5.10E+00
WG	W-4	L15790-04	10/21/2009	Co-58	6.00E-01	1.90E+00	6.80E+00
WG	W-4	L15790-04	10/21/2009	Co-60	-4.00E-01	1.90E+00	7.30E+00
WG	W-4	L15790-04	10/21/2009	Cr-51	1.80E+01	1.70E+01	5.80E+01
WG	W-4	L15790-04	10/21/2009	Cs-134	5.00E-01	1.40E+00	7.20E+00
WG	W-4	L15790-04	10/21/2009	Cs-137	-2.90E+00	2.20E+00	8.40E+00
WG	W-4	L15790-04	10/21/2009	Fe-59	-2.50E+00	4.70E+00	1.80E+01
WG	W-4	L15790-04	10/21/2009	H-3	9.00E+02	4.30E+02	1.20E+03
WG	W-4	L15790-04	10/21/2009	I-131	-2.50E+00	3.80E+00	1.40E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-4	L15790-04	10/21/2009	K-40	-2.00E+01	2.90E+01	1.10E+02
WG	W-4	L15790-04	10/21/2009	La-140	-1.40E+00	3.50E+00	1.40E+01
WG	W-4	L15790-04	10/21/2009	Mn-54	-6.00E-01	2.00E+00	7.50E+00
WG	W-4	L15790-04	10/21/2009	Nb-95	8.90E+00	3.50E+00	1.10E+01
WG	W-4	L15790-04	10/21/2009	Ru-103	-3.00E+00	2.30E+00	8.60E+00
WG	W-4	L15790-04	10/21/2009	Ru-106	-3.00E+00	1.60E+01	6.00E+01
WG	W-4	L15790-04	10/21/2009	Sb-124	-4.20E+00	4.20E+00	1.80E+01
WG	W-4	L15790-04	10/21/2009	Sb-125	-2.80E+00	5.20E+00	1.90E+01
WG	W-4	L15790-04	10/21/2009	Se-75	-3.00E+00	2.40E+00	9.00E+00
WG	W-4	L15790-04	10/21/2009	Zn-65	-1.77E+01	4.80E+00	2.10E+01
WG	W-4	L15790-04	10/21/2009	Zr-95	-5.00E-01	3.60E+00	1.30E+01
WG	W-5	L15790-05	10/21/2009	AcTh-228	7.70E+00	5.50E+00	1.80E+01
WG	W-5	L15790-05	10/21/2009	Ag-108m	-7.00E-01	1.10E+00	3.80E+00
WG	W-5	L15790-05	10/21/2009	Ag-110m	-3.00E-01	1.50E+00	5.40E+00
WG	W-5	L15790-05	10/21/2009	Ba-140	5.40E+00	3.20E+00	1.10E+01
WG	W-5	L15790-05	10/21/2009	Be-7	2.00E+01	1.10E+01	3.50E+01
WG	W-5	L15790-05	10/21/2009	Ce-141	0.00E+00	1.90E+00	6.60E+00
WG	W-5	L15790-05	10/21/2009	Ce-144	3.30E+00	6.10E+00	2.10E+01
WG	W-5	L15790-05	10/21/2009	Co-57	9.70E-01	7.60E-01	2.50E+00
WG	W-5	L15790-05	10/21/2009	Co-58	-6.00E-01	1.20E+00	4.30E+00
WG	W-5	L15790-05	10/21/2009	Co-60	-2.00E+00	1.20E+00	4.70E+00
WG	W-5	L15790-05	10/21/2009	Cr-51	6.00E+00	1.10E+01	3.90E+01
WG	W-5	L15790-05	10/21/2009	Cs-134	-1.79E+00	8.20E-01	4.00E+00
WG	W-5	L15790-05	10/21/2009	Cs-137	-2.10E+00	1.10E+00	4.10E+00
WG	W-5	L15790-05	10/21/2009	Fe-59	1.20E+00	2.60E+00	9.00E+00
WG	W-5	L15790-05	10/21/2009	H-3	1.01E+03	4.40E+02	1.30E+03
WG	W-5	L15790-05	10/21/2009	I-131	-2.60E+00	3.50E+00	1.20E+01
WG	W-5	L15790-05	10/21/2009	K-40	1.70E+01	2.10E+01	7.10E+01
WG	W-5	L15790-05	10/21/2009	La-140	5.40E+00	3.20E+00	1.10E+01
WG	W-5	L15790-05	10/21/2009	Mn-54	0.00E+00	1.20E+00	4.10E+00
WG	W-5	L15790-05	10/21/2009	Nb-95	-1.60E+00	1.50E+00	5.60E+00
WG	W-5	L15790-05	10/21/2009	Ru-103	-1.60E+00	1.40E+00	5.00E+00
WG	W-5	L15790-05	10/21/2009	Ru-106	-1.60E+01	1.00E+01	3.80E+01
WG	W-5	L15790-05	10/21/2009	Sb-124	2.80E+00	3.30E+00	1.10E+01
WG	W-5	L15790-05	10/21/2009	Sb-125	-9.00E-01	3.20E+00	1.10E+01
WG	W-5	L15790-05	10/21/2009	Se-75	3.00E-01	1.40E+00	4.70E+00
WG	W-5	L15790-05	10/21/2009	Zn-65	-5.80E+00	3.30E+00	1.30E+01
WG	W-5	L15790-05	10/21/2009	Zr-95	-3.10E+00	2.10E+00	8.00E+00
WG	W-6	L15790-06	10/21/2009	AcTh-228	9.20E+00	9.30E+00	3.20E+01
WG	W-6	L15790-06	10/21/2009	Ag-108m	1.50E+00	1.90E+00	6.40E+00
WG	W-6	L15790-06	10/21/2009	Ag-110m	1.00E+00	3.10E+00	1.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-6	L15790-06	10/21/2009	Ba-140	4.90E+00	4.30E+00	1.50E+01
WG	W-6	L15790-06	10/21/2009	Be-7	-9.00E+00	1.60E+01	6.20E+01
WG	W-6	L15790-06	10/21/2009	Ce-141	-2.80E+00	3.00E+00	1.10E+01
WG	W-6	L15790-06	10/21/2009	Ce-144	2.90E+01	1.10E+01	3.50E+01
WG	W-6	L15790-06	10/21/2009	Co-57	1.00E-01	1.40E+00	4.90E+00
WG	W-6	L15790-06	10/21/2009	Co-58	-7.00E-01	1.80E+00	7.20E+00
WG	W-6	L15790-06	10/21/2009	Co-60	-2.50E+00	2.90E+00	1.20E+01
WG	W-6	L15790-06	10/21/2009	Cr-51	-2.70E+01	1.90E+01	7.10E+01
WG	W-6	L15790-06	10/21/2009	Cs-134	-3.20E+00	2.10E+00	1.00E+01
WG	W-6	L15790-06	10/21/2009	Cs-137	-2.50E+00	2.60E+00	1.00E+01
WG	W-6	L15790-06	10/21/2009	Fe-59	4.40E+00	5.20E+00	1.80E+01
WG	W-6	L15790-06	10/21/2009	H-3	2.20E+02	4.20E+02	1.20E+03
WG	W-6	L15790-06	10/21/2009	I-131	4.00E-01	3.90E+00	1.40E+01
WG	W-6	L15790-06	10/21/2009	K-40	6.00E+01	4.00E+01	1.30E+02
WG	W-6	L15790-06	10/21/2009	La-140	4.90E+00	4.30E+00	1.50E+01
WG	W-6	L15790-06	10/21/2009	Mn-54	1.20E+00	2.00E+00	7.30E+00
WG	W-6	L15790-06	10/21/2009	Nb-95	2.70E+00	2.20E+00	7.60E+00
WG	W-6	L15790-06	10/21/2009	Ru-103	6.00E-01	2.50E+00	8.90E+00
WG	W-6	L15790-06	10/21/2009	Ru-106	-3.30E+01	2.20E+01	8.60E+01
WG	W-6	L15790-06	10/21/2009	Sb-124	2.90E+00	5.40E+00	2.00E+01
WG	W-6	L15790-06	10/21/2009	Sb-125	-6.40E+00	6.20E+00	2.30E+01
WG	W-6	L15790-06	10/21/2009	Se-75	-2.00E+00	2.10E+00	7.70E+00
WG	W-6	L15790-06	10/21/2009	Zn-65	-2.70E+00	5.70E+00	2.20E+01
WG	W-6	L15790-06	10/21/2009	Zr-95	-1.00E+00	4.00E+00	1.50E+01
WG	W-7	L15790-07	10/19/2009	AcTh-228	-6.10E+00	7.90E+00	2.90E+01
WG	W-7	L15790-07	10/19/2009	Ag-108m	2.00E-01	1.60E+00	5.60E+00
WG	W-7	L15790-07	10/19/2009	Ag-110m	-2.40E+00	2.40E+00	9.00E+00
WG	W-7	L15790-07	10/19/2009	Ba-140	3.60E+00	3.80E+00	1.30E+01
WG	W-7	L15790-07	10/19/2009	Be-7	-2.10E+01	1.60E+01	5.90E+01
WG	W-7	L15790-07	10/19/2009	Ce-141	-4.40E+00	2.40E+00	8.50E+00
WG	W-7	L15790-07	10/19/2009	Ce-144	4.10E+00	8.70E+00	2.90E+01
WG	W-7	L15790-07	10/19/2009	Co-57	-1.30E+00	1.00E+00	3.70E+00
WG	W-7	L15790-07	10/19/2009	Co-58	-2.30E+00	1.90E+00	7.20E+00
WG	W-7	L15790-07	10/19/2009	Co-60	-2.10E+00	2.10E+00	8.30E+00
WG	W-7	L15790-07	10/19/2009	Cr-51	-5.00E+00	1.50E+01	5.20E+01
WG	W-7	L15790-07	10/19/2009	Cs-134	-4.00E-01	1.30E+00	6.20E+00
WG	W-7	L15790-07	10/19/2009	Cs-137	-3.00E-01	2.20E+00	7.90E+00
WG	W-7	L15790-07	10/19/2009	Fe-59	7.10E+00	4.20E+00	1.40E+01
WG	W-7	L15790-07	10/19/2009	H-3	-2.30E+02	4.20E+02	1.30E+03
WG	W-7	L15790-07	10/19/2009	I-131	3.10E+00	3.30E+00	1.10E+01
WG	W-7	L15790-07	10/19/2009	K-40	1.30E+01	2.70E+01	9.50E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-7	L15790-07	10/19/2009	La-140	3.60E+00	3.80E+00	1.30E+01
WG	W-7	L15790-07	10/19/2009	Mn-54	3.80E+00	2.00E+00	6.30E+00
WG	W-7	L15790-07	10/19/2009	Nb-95	-5.00E+00	4.00E+00	1.40E+01
WG	W-7	L15790-07	10/19/2009	Ru-103	7.00E-01	2.00E+00	7.00E+00
WG	W-7	L15790-07	10/19/2009	Ru-106	-1.10E+01	1.50E+01	5.70E+01
WG	W-7	L15790-07	10/19/2009	Sb-124	0.00E+00	4.90E+00	1.80E+01
WG	W-7	L15790-07	10/19/2009	Sb-125	-3.00E+00	5.00E+00	1.80E+01
WG	W-7	L15790-07	10/19/2009	Se-75	2.00E+00	2.00E+00	6.90E+00
WG	W-7	L15790-07	10/19/2009	Zn-65	2.09E+01	9.00E+00	2.90E+01
WG	W-7	L15790-07	10/19/2009	Zr-95	-3.10E+00	3.70E+00	1.40E+01
WG	W-8	L15790-08	10/20/2009	AcTh-228	-5.60E+00	7.70E+00	2.90E+01
WG	W-8	L15790-08	10/20/2009	Ag-108m	-1.30E+00	1.40E+00	5.10E+00
WG	W-8	L15790-08	10/20/2009	Ag-110m	1.10E+00	2.50E+00	8.70E+00
WG	W-8	L15790-08	10/20/2009	Ba-140	1.80E+00	3.60E+00	1.30E+01
WG	W-8	L15790-08	10/20/2009	Be-7	0.00E+00	1.50E+01	5.40E+01
WG	W-8	L15790-08	10/20/2009	Ce-141	-4.30E+00	2.10E+00	7.80E+00
WG	W-8	L15790-08	10/20/2009	Ce-144	1.61E+01	7.70E+00	2.50E+01
WG	W-8	L15790-08	10/20/2009	Co-57	-1.37E+00	9.60E-01	3.50E+00
WG	W-8	L15790-08	10/20/2009	Co-58	1.00E-01	1.90E+00	6.80E+00
WG	W-8	L15790-08	10/20/2009	Co-60	-2.40E+00	2.00E+00	8.20E+00
WG	W-8	L15790-08	10/20/2009	Cr-51	-1.10E+01	1.40E+01	5.20E+01
WG	W-8	L15790-08	10/20/2009	Cs-134	-1.00E-01	1.30E+00	6.00E+00
WG	W-8	L15790-08	10/20/2009	Cs-137	-2.00E-01	2.00E+00	7.10E+00
WG	W-8	L15790-08	10/20/2009	Fe-59	-1.60E+00	3.60E+00	1.40E+01
WG	W-8	L15790-08	10/20/2009	H-3	-2.60E+02	4.10E+02	1.20E+03
WG	W-8	L15790-08	10/20/2009	I-131	8.00E+00	2.90E+00	8.90E+00
WG	W-8	L15790-08	10/20/2009	K-40	-3.00E+00	2.60E+01	9.40E+01
WG	W-8	L15790-08	10/20/2009	La-140	1.80E+00	3.60E+00	1.30E+01
WG	W-8	L15790-08	10/20/2009	Mn-54	6.00E-01	1.50E+00	5.50E+00
WG	W-8	L15790-08	10/20/2009	Nb-95	3.00E-01	2.20E+00	7.80E+00
WG	W-8	L15790-08	10/20/2009	Ru-103	7.00E-01	1.70E+00	6.00E+00
WG	W-8	L15790-08	10/20/2009	Ru-106	1.70E+01	1.50E+01	5.00E+01
WG	W-8	L15790-08	10/20/2009	Sb-124	-3.50E+00	4.50E+00	1.80E+01
WG	W-8	L15790-08	10/20/2009	Sb-125	-3.70E+00	4.30E+00	1.60E+01
WG	W-8	L15790-08	10/20/2009	Se-75	-2.00E+00	1.80E+00	6.70E+00
WG	W-8	L15790-08	10/20/2009	Zn-65	-1.70E+00	5.40E+00	2.00E+01
WG	W-8	L15790-08	10/20/2009	Zr-95	-8.00E-01	3.40E+00	1.20E+01
WG	W-9	L15790-09	10/20/2009	AcTh-228	-7.10E+00	6.50E+00	2.40E+01
WG	W-9	L15790-09	10/20/2009	Ag-108m	2.70E+00	1.30E+00	4.20E+00
WG	W-9	L15790-09	10/20/2009	Ag-110m	7.00E-01	2.20E+00	7.70E+00
WG	W-9	L15790-09	10/20/2009	Ba-140	-2.30E+00	3.30E+00	1.30E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-9	L15790-09	10/20/2009	Bc-7	2.00E+00	1.50E+01	5.10E+01
WG	W-9	L15790-09	10/20/2009	Ce-141	-6.80E+00	2.60E+00	9.40E+00
WG	W-9	L15790-09	10/20/2009	Ce-144	-1.24E+01	9.40E+00	3.30E+01
WG	W-9	L15790-09	10/20/2009	Co-57	5.00E-01	1.00E+00	3.50E+00
WG	W-9	L15790-09	10/20/2009	Co-58	-5.00E-01	1.60E+00	5.90E+00
WG	W-9	L15790-09	10/20/2009	Co-60	-1.70E+00	1.80E+00	6.80E+00
WG	W-9	L15790-09	10/20/2009	Cr-51	1.40E+01	1.40E+01	4.60E+01
WG	W-9	L15790-09	10/20/2009	Cs-134	2.40E+00	1.80E+00	6.10E+00
WG	W-9	L15790-09	10/20/2009	Cs-137	-3.00E-01	1.50E+00	5.40E+00
WG	W-9	L15790-09	10/20/2009	Fe-59	8.90E+00	3.50E+00	1.10E+01
WG	W-9	L15790-09	10/20/2009	H-3	1.00E+01	4.00E+02	1.20E+03
WG	W-9	L15790-09	10/20/2009	I-131	1.40E+00	2.90E+00	9.90E+00
WG	W-9	L15790-09	10/20/2009	K-40	5.60E+01	2.70E+01	8.60E+01
WG	W-9	L15790-09	10/20/2009	La-140	-2.30E+00	3.30E+00	1.30E+01
WG	W-9	L15790-09	10/20/2009	Mn-54	-9.00E-01	1.50E+00	5.50E+00
WG	W-9	L15790-09	10/20/2009	Nb-95	1.60E+00	2.80E+00	9.70E+00
WG	W-9	L15790-09	10/20/2009	Ru-103	-1.40E+00	1.60E+00	6.00E+00
WG	W-9	L15790-09	10/20/2009	Ru-106	1.00E+00	1.40E+01	5.00E+01
WG	W-9	L15790-09	10/20/2009	Sb-124	-2.50E+00	2.70E+00	1.20E+01
WG	W-9	L15790-09	10/20/2009	Sb-125	3.70E+00	4.30E+00	1.50E+01
WG	W-9	L15790-09	10/20/2009	Se-75	-9.00E-01	2.00E+00	7.00E+00
WG	W-9	L15790-09	10/20/2009	Zn-65	1.07E+01	7.00E+00	2.30E+01
WG	W-9	L15790-09	10/20/2009	Zr-95	3.00E-01	2.90E+00	1.00E+01
WG	W-10	L15790-10	10/19/2009	AcTh-228	7.80E+00	6.60E+00	2.20E+01
WG	W-10	L15790-10	10/19/2009	Ag-108m	1.10E+00	1.50E+00	5.10E+00
WG	W-10	L15790-10	10/19/2009	Ag-110m	0.00E+00	2.80E+00	1.00E+01
WG	W-10	L15790-10	10/19/2009	Ba-140	-2.70E+00	3.40E+00	1.40E+01
WG	W-10	L15790-10	10/19/2009	Bc-7	-1.10E+01	1.40E+01	5.40E+01
WG	W-10	L15790-10	10/19/2009	Ce-141	-3.70E+00	2.80E+00	1.00E+01
WG	W-10	L15790-10	10/19/2009	Ce-144	-2.00E+00	1.00E+01	3.50E+01
WG	W-10	L15790-10	10/19/2009	Co-57	-3.10E+00	1.30E+00	5.00E+00
WG	W-10	L15790-10	10/19/2009	Co-58	2.00E-01	1.90E+00	6.80E+00
WG	W-10	L15790-10	10/19/2009	Co-60	1.60E+00	2.30E+00	8.20E+00
WG	W-10	L15790-10	10/19/2009	Cr-51	-1.90E+01	1.70E+01	6.10E+01
WG	W-10	L15790-10	10/19/2009	Cs-134	-1.00E-01	1.40E+00	6.60E+00
WG	W-10	L15790-10	10/19/2009	Cs-137	-4.40E+00	1.90E+00	7.70E+00
WG	W-10	L15790-10	10/19/2009	Fe-59	-1.40E+00	3.80E+00	1.50E+01
WG	W-10	L15790-10	10/19/2009	H-3	-1.00E+02	4.20E+02	1.20E+03
WG	W-10	L15790-10	10/19/2009	I-131	2.10E+00	3.70E+00	1.30E+01
WG	W-10	L15790-10	10/19/2009	K-40	0.00E+00	2.20E+01	8.10E+01
WG	W-10	L15790-10	10/19/2009	La-140	-2.70E+00	3.40E+00	1.40E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 † Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-10	L15790-10	10/19/2009	Mn-54	-1.60E+00	1.80E+00	7.00E+00
WG	W-10	L15790-10	10/19/2009	Nb-95	-3.70E+00	2.20E+00	8.60E+00
WG	W-10	L15790-10	10/19/2009	Ru-103	-3.00E-01	2.20E+00	7.80E+00
WG	W-10	L15790-10	10/19/2009	Ru-106	-9.00E+00	1.70E+01	6.30E+01
WG	W-10	L15790-10	10/19/2009	Sb-124	1.80E+00	4.00E+00	1.50E+01
WG	W-10	L15790-10	10/19/2009	Sb-125	3.30E+00	4.50E+00	1.50E+01
WG	W-10	L15790-10	10/19/2009	Se-75	-1.70E+00	2.20E+00	7.90E+00
WG	W-10	L15790-10	10/19/2009	Zn-65	-5.30E+00	4.10E+00	1.60E+01
WG	W-10	L15790-10	10/19/2009	Zr-95	-5.20E+00	3.20E+00	1.30E+01
WG	W-11	L15790-11	10/20/2009	AcTh-228	1.14E+01	7.10E+00	2.30E+01
WG	W-11	L15790-11	10/20/2009	Ag-108m	-2.00E-01	1.10E+00	3.80E+00
WG	W-11	L15790-11	10/20/2009	Ag-110m	-8.00E-01	1.80E+00	6.60E+00
WG	W-11	L15790-11	10/20/2009	Ba-140	-1.20E+00	3.40E+00	1.30E+01
WG	W-11	L15790-11	10/20/2009	Be-7	-1.50E+01	1.00E+01	3.80E+01
WG	W-11	L15790-11	10/20/2009	Ce-141	-1.80E+00	2.00E+00	6.90E+00
WG	W-11	L15790-11	10/20/2009	Ce-144	-8.00E+00	6.70E+00	2.30E+01
WG	W-11	L15790-11	10/20/2009	Co-57	-2.30E-01	8.30E-01	2.90E+00
WG	W-11	L15790-11	10/20/2009	Co-58	-2.50E+00	1.50E+00	5.80E+00
WG	W-11	L15790-11	10/20/2009	Co-60	0.00E+00	1.70E+00	6.10E+00
WG	W-11	L15790-11	10/20/2009	Cr-51	4.00E+00	1.10E+01	3.90E+01
WG	W-11	L15790-11	10/20/2009	Cs-134	3.00E-01	1.40E+00	5.20E+00
WG	W-11	L15790-11	10/20/2009	Cs-137	7.00E-01	1.40E+00	5.00E+00
WG	W-11	L15790-11	10/20/2009	Fe-59	-7.30E+00	3.20E+00	1.30E+01
WG	W-11	L15790-11	10/20/2009	H-3	1.00E+02	4.10E+02	1.20E+03
WG	W-11	L15790-11	10/20/2009	I-131	1.30E+00	2.60E+00	9.00E+00
WG	W-11	L15790-11	10/20/2009	K-40	-9.00E+00	2.00E+01	7.40E+01
WG	W-11	L15790-11	10/20/2009	La-140	-1.20E+00	3.40E+00	1.30E+01
WG	W-11	L15790-11	10/20/2009	Mn-54	-2.10E+00	1.40E+00	5.40E+00
WG	W-11	L15790-11	10/20/2009	Nb-95	2.00E-01	1.60E+00	5.70E+00
WG	W-11	L15790-11	10/20/2009	Ru-103	2.00E-01	1.30E+00	4.60E+00
WG	W-11	L15790-11	10/20/2009	Ru-106	4.00E+00	1.30E+01	4.70E+01
WG	W-11	L15790-11	10/20/2009	Sb-124	4.10E+00	3.40E+00	1.20E+01
WG	W-11	L15790-11	10/20/2009	Sb-125	8.00E-01	3.50E+00	1.20E+01
WG	W-11	L15790-11	10/20/2009	Se-75	7.00E-01	1.40E+00	4.80E+00
WG	W-11	L15790-11	10/20/2009	Zn-65	-1.30E+00	5.60E+00	2.00E+01
WG	W-11	L15790-11	10/20/2009	Zr-95	-2.10E+00	2.20E+00	8.50E+00
WG	W-12	L15790-12	10/20/2009	AcTh-228	1.49E+01	6.20E+00	1.90E+01
WG	W-12	L15790-12	10/20/2009	Ag-108m	1.00E-01	1.30E+00	4.40E+00
WG	W-12	L15790-12	10/20/2009	Ag-110m	-3.90E+00	2.20E+00	8.60E+00
WG	W-12	L15790-12	10/20/2009	Ba-140	4.20E+00	3.20E+00	1.10E+01
WG	W-12	L15790-12	10/20/2009	Be-7	-1.50E+01	1.20E+01	4.60E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-12	L15790-12	10/20/2009	Ce-141	1.30E+00	2.20E+00	7.40E+00
WG	W-12	L15790-12	10/20/2009	Ce-144	1.06E+01	7.90E+00	2.60E+01
WG	W-12	L15790-12	10/20/2009	Co-57	1.78E+00	9.70E-01	3.20E+00
WG	W-12	L15790-12	10/20/2009	Co-58	-4.00E-01	1.50E+00	5.40E+00
WG	W-12	L15790-12	10/20/2009	Co-60	4.00E+00	1.90E+00	6.10E+00
WG	W-12	L15790-12	10/20/2009	Cr-51	-7.00E+00	1.40E+01	5.00E+01
WG	W-12	L15790-12	10/20/2009	Cs-134	1.20E+00	1.80E+00	6.30E+00
WG	W-12	L15790-12	10/20/2009	Cs-137	9.00E-01	1.50E+00	5.10E+00
WG	W-12	L15790-12	10/20/2009	Fe-59	-1.40E+00	3.40E+00	1.30E+01
WG	W-12	L15790-12	10/20/2009	H-3	9.00E+01	4.20E+02	1.20E+03
WG	W-12	L15790-12	10/20/2009	I-131	-3.10E+00	2.90E+00	1.10E+01
WG	W-12	L15790-12	10/20/2009	K-40	-2.60E+01	2.00E+01	7.90E+01
WG	W-12	L15790-12	10/20/2009	La-140	4.20E+00	3.20E+00	1.10E+01
WG	W-12	L15790-12	10/20/2009	Mn-54	-3.00E+00	1.50E+00	6.00E+00
WG	W-12	L15790-12	10/20/2009	Nb-95	-2.00E+00	1.90E+00	7.20E+00
WG	W-12	L15790-12	10/20/2009	Ru-103	3.00E-01	1.60E+00	5.70E+00
WG	W-12	L15790-12	10/20/2009	Ru-106	-1.30E+01	1.40E+01	5.20E+01
WG	W-12	L15790-12	10/20/2009	Sb-124	6.70E+00	4.80E+00	1.60E+01
WG	W-12	L15790-12	10/20/2009	Sb-125	-1.60E+00	4.10E+00	1.50E+01
WG	W-12	L15790-12	10/20/2009	Se-75	-2.00E-01	1.70E+00	5.80E+00
WG	W-12	L15790-12	10/20/2009	Zn-65	8.00E+00	7.10E+00	2.40E+01
WG	W-12	L15790-12	10/20/2009	Zr-95	-1.40E+00	2.60E+00	9.70E+00
WG	W-13	L15790-13	10/19/2009	AcTh-228	3.00E+00	4.80E+00	1.60E+01
WG	W-13	L15790-13	10/19/2009	Ag-108m	4.10E-01	9.80E-01	3.30E+00
WG	W-13	L15790-13	10/19/2009	Ag-110m	1.40E+00	1.50E+00	5.20E+00
WG	W-13	L15790-13	10/19/2009	Ba-140	3.00E-01	2.30E+00	8.20E+00
WG	W-13	L15790-13	10/19/2009	Be-7	3.40E+00	9.40E+00	3.20E+01
WG	W-13	L15790-13	10/19/2009	Ce-141	4.00E-01	1.80E+00	6.20E+00
WG	W-13	L15790-13	10/19/2009	Ce-144	7.00E+00	6.50E+00	2.20E+01
WG	W-13	L15790-13	10/19/2009	Co-57	-3.90E-01	8.00E-01	2.80E+00
WG	W-13	L15790-13	10/19/2009	Co-58	-2.00E-01	1.10E+00	4.00E+00
WG	W-13	L15790-13	10/19/2009	Co-60	1.60E+00	1.10E+00	3.70E+00
WG	W-13	L15790-13	10/19/2009	Cr-51	1.50E+01	1.00E+01	3.30E+01
WG	W-13	L15790-13	10/19/2009	Cs-134	8.00E-01	1.10E+00	4.00E+00
WG	W-13	L15790-13	10/19/2009	Cs-137	-2.00E-01	1.20E+00	4.30E+00
WG	W-13	L15790-13	10/19/2009	Fe-59	3.20E+00	2.20E+00	7.40E+00
WG	W-13	L15790-13	10/19/2009	H-3	3.90E+02	4.20E+02	1.20E+03
WG	W-13	L15790-13	10/19/2009	I-131	-6.00E-01	2.60E+00	9.00E+00
WG	W-13	L15790-13	10/19/2009	K-40	-1.70E+01	1.80E+01	6.50E+01
WG	W-13	L15790-13	10/19/2009	La-140	3.00E-01	2.30E+00	8.20E+00
WG	W-13	L15790-13	10/19/2009	Mn-54	-7.00E-01	1.10E+00	4.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-13	L15790-13	10/19/2009	Nb-95	4.00E-01	1.30E+00	4.40E+00
WG	W-13	L15790-13	10/19/2009	Ru-103	-1.50E+00	1.20E+00	4.30E+00
WG	W-13	L15790-13	10/19/2009	Ru-106	-1.60E+01	1.10E+01	4.10E+01
WG	W-13	L15790-13	10/19/2009	Sb-124	-1.50E+00	2.70E+00	1.00E+01
WG	W-13	L15790-13	10/19/2009	Sb-125	6.00E-01	2.90E+00	1.00E+01
WG	W-13	L15790-13	10/19/2009	Se-75	3.00E-01	1.30E+00	4.50E+00
WG	W-13	L15790-13	10/19/2009	Zn-65	8.00E+00	4.10E+00	1.30E+01
WG	W-13	L15790-13	10/19/2009	Zr-95	2.10E+00	2.00E+00	6.70E+00
WG	W-14	L15790-14	10/19/2009	AcTh-228	4.10E+00	7.40E+00	2.60E+01
WG	W-14	L15790-14	10/19/2009	Ag-108m	-1.30E+00	1.50E+00	5.50E+00
WG	W-14	L15790-14	10/19/2009	Ag-110m	4.00E-01	2.40E+00	8.70E+00
WG	W-14	L15790-14	10/19/2009	Ba-140	1.50E+00	3.10E+00	1.20E+01
WG	W-14	L15790-14	10/19/2009	Be-7	5.00E+00	1.50E+01	5.30E+01
WG	W-14	L15790-14	10/19/2009	Ce-141	-1.60E+00	3.20E+00	1.10E+01
WG	W-14	L15790-14	10/19/2009	Ce-144	1.30E+01	1.10E+01	3.70E+01
WG	W-14	L15790-14	10/19/2009	Co-57	-1.10E+00	1.40E+00	5.10E+00
WG	W-14	L15790-14	10/19/2009	Co-58	1.30E+00	2.00E+00	7.20E+00
WG	W-14	L15790-14	10/19/2009	Co-60	-1.80E+00	2.10E+00	8.50E+00
WG	W-14	L15790-14	10/19/2009	Cr-51	2.70E+01	2.00E+01	6.50E+01
WG	W-14	L15790-14	10/19/2009	Cs-134	6.00E-01	1.40E+00	7.20E+00
WG	W-14	L15790-14	10/19/2009	Cs-137	-1.50E+00	1.90E+00	7.20E+00
WG	W-14	L15790-14	10/19/2009	Fe-59	4.70E+00	4.70E+00	1.60E+01
WG	W-14	L15790-14	10/19/2009	H-3	5.85E+03	1.00E+02	2.30E+02 *
WG	W-14	L15790-14	10/19/2009	I-131	-1.20E+00	4.20E+00	1.50E+01
WG	W-14	L15790-14	10/19/2009	K-40	1.50E+01	2.50E+01	8.70E+01
WG	W-14	L15790-14	10/19/2009	La-140	1.50E+00	3.10E+00	1.20E+01
WG	W-14	L15790-14	10/19/2009	Mn-54	-4.30E+00	2.00E+00	8.00E+00
WG	W-14	L15790-14	10/19/2009	Nb-95	-2.50E+00	2.70E+00	1.00E+01
WG	W-14	L15790-14	10/19/2009	Ru-103	-5.00E-01	2.30E+00	8.30E+00
WG	W-14	L15790-14	10/19/2009	Ru-106	1.50E+01	1.80E+01	6.20E+01
WG	W-14	L15790-14	10/19/2009	Sb-124	0.00E+00	3.90E+00	1.50E+01
WG	W-14	L15790-14	10/19/2009	Sb-125	6.10E+00	5.30E+00	1.80E+01
WG	W-14	L15790-14	10/19/2009	Se-75	-1.90E+00	2.60E+00	9.20E+00
WG	W-14	L15790-14	10/19/2009	Zn-65	1.70E+00	8.50E+00	3.00E+01
WG	W-14	L15790-14	10/19/2009	Zr-95	1.40E+00	3.50E+00	1.30E+01
WG	W-15	L15790-15	10/19/2009	AcTh-228	-4.60E+00	5.70E+00	2.10E+01
WG	W-15	L15790-15	10/19/2009	Ag-108m	0.00E+00	1.20E+00	4.10E+00
WG	W-15	L15790-15	10/19/2009	Ag-110m	-3.00E-01	1.80E+00	6.50E+00
WG	W-15	L15790-15	10/19/2009	Ba-140	3.80E+00	2.90E+00	9.90E+00
WG	W-15	L15790-15	10/19/2009	Be-7	-8.00E+00	1.10E+01	4.10E+01
WG	W-15	L15790-15	10/19/2009	Ce-141	-4.10E+00	1.60E+00	5.90E+00

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	W-15	L15790-15	10/19/2009	Ce-144	-7.80E+00	5.50E+00	2.00E+01
WG	W-15	L15790-15	10/19/2009	Co-57	-6.00E-02	7.10E-01	2.50E+00
WG	W-15	L15790-15	10/19/2009	Co-58	1.20E+00	1.40E+00	4.80E+00
WG	W-15	L15790-15	10/19/2009	Co-60	-1.90E+00	1.50E+00	5.80E+00
WG	W-15	L15790-15	10/19/2009	Cr-51	-7.00E+00	1.10E+01	3.90E+01
WG	W-15	L15790-15	10/19/2009	Cs-134	1.21E+00	9.60E-01	4.40E+00
WG	W-15	L15790-15	10/19/2009	Cs-137	-1.00E+00	1.70E+00	6.00E+00
WG	W-15	L15790-15	10/19/2009	Fe-59	4.10E+00	2.80E+00	9.20E+00
WG	W-15	L15790-15	10/19/2009	H-3	-7.00E+01	4.10E+02	1.20E+03
WG	W-15	L15790-15	10/19/2009	I-131	1.00E-01	2.50E+00	8.70E+00
WG	W-15	L15790-15	10/19/2009	K-40	9.00E+00	2.20E+01	7.50E+01
WG	W-15	L15790-15	10/19/2009	La-140	3.80E+00	2.90E+00	9.90E+00
WG	W-15	L15790-15	10/19/2009	Mn-54	2.00E-01	1.20E+00	4.20E+00
WG	W-15	L15790-15	10/19/2009	Nb-95	-9.00E-01	1.60E+00	5.90E+00
WG	W-15	L15790-15	10/19/2009	Ru-103	1.20E+00	1.50E+00	5.00E+00
WG	W-15	L15790-15	10/19/2009	Ru-106	-1.40E+01	1.10E+01	4.20E+01
WG	W-15	L15790-15	10/19/2009	Sb-124	3.30E+00	3.30E+00	1.10E+01
WG	W-15	L15790-15	10/19/2009	Sb-125	-2.80E+00	3.80E+00	1.30E+01
WG	W-15	L15790-15	10/19/2009	Se-75	1.70E+00	1.40E+00	4.80E+00
WG	W-15	L15790-15	10/19/2009	Zn-65	7.10E+00	5.90E+00	1.90E+01
WG	W-15	L15790-15	10/19/2009	Zr-95	-4.40E+00	2.50E+00	9.40E+00
WG	MW-20	L15790-16	10/20/2009	AcTh-228	3.00E+00	1.10E+01	3.90E+01
WG	MW-20	L15790-16	10/20/2009	Ag-108m	-1.50E+00	1.60E+00	6.30E+00
WG	MW-20	L15790-16	10/20/2009	Ag-110m	-7.00E-01	3.30E+00	1.20E+01
WG	MW-20	L15790-16	10/20/2009	Ba-140	3.10E+00	3.90E+00	1.40E+01
WG	MW-20	L15790-16	10/20/2009	Be-7	2.30E+01	2.00E+01	6.70E+01
WG	MW-20	L15790-16	10/20/2009	Ce-141	-9.90E+00	3.50E+00	1.30E+01
WG	MW-20	L15790-16	10/20/2009	Ce-144	9.00E+00	1.20E+01	4.20E+01
WG	MW-20	L15790-16	10/20/2009	Co-57	-1.00E-01	1.30E+00	4.70E+00
WG	MW-20	L15790-16	10/20/2009	Co-58	2.90E+00	2.10E+00	7.10E+00
WG	MW-20	L15790-16	10/20/2009	Co-60	-5.30E+00	2.20E+00	1.00E+01
WG	MW-20	L15790-16	10/20/2009	Cr-51	2.20E+01	1.90E+01	6.40E+01
WG	MW-20	L15790-16	10/20/2009	Cs-134	8.00E-01	2.00E+00	9.50E+00
WG	MW-20	L15790-16	10/20/2009	Cs-137	-1.00E+00	2.20E+00	8.30E+00
WG	MW-20	L15790-16	10/20/2009	Fe-59	-5.80E+00	4.30E+00	1.80E+01
WG	MW-20	L15790-16	10/20/2009	H-3	-3.60E+02	4.10E+02	1.20E+03
WG	MW-20	L15790-16	10/20/2009	I-131	-7.90E+00	3.40E+00	1.40E+01
WG	MW-20	L15790-16	10/20/2009	K-40	-1.90E+01	3.40E+01	1.30E+02
WG	MW-20	L15790-16	10/20/2009	La-140	3.10E+00	3.90E+00	1.40E+01
WG	MW-20	L15790-16	10/20/2009	Mn-54	-4.10E+00	2.40E+00	9.70E+00
WG	MW-20	L15790-16	10/20/2009	Nb-95	-5.70E+00	2.70E+00	1.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WG	MW-20	L15790-16	10/20/2009	Ru-103	3.00E-01	2.10E+00	7.60E+00
WG	MW-20	L15790-16	10/20/2009	Ru-106	3.00E+00	1.80E+01	6.50E+01
WG	MW-20	L15790-16	10/20/2009	Sb-124	1.20E+00	5.30E+00	2.00E+01
WG	MW-20	L15790-16	10/20/2009	Sb-125	5.90E+00	5.50E+00	1.90E+01
WG	MW-20	L15790-16	10/20/2009	Se-75	-1.00E-01	2.80E+00	9.70E+00
WG	MW-20	L15790-16	10/20/2009	Zn-65	-9.20E+00	4.80E+00	2.10E+01
WG	MW-20	L15790-16	10/20/2009	Zr-95	2.90E+00	4.40E+00	1.50E+01
WG	MW-21	L15790-17	10/20/2009	AcTh-228	-3.80E+00	6.50E+00	2.50E+01
WG	MW-21	L15790-17	10/20/2009	Ag-108m	-2.30E+00	1.40E+00	5.30E+00
WG	MW-21	L15790-17	10/20/2009	Ag-110m	-1.00E+00	2.20E+00	8.40E+00
WG	MW-21	L15790-17	10/20/2009	Ba-140	1.90E+00	4.00E+00	1.50E+01
WG	MW-21	L15790-17	10/20/2009	Be-7	-1.00E+01	1.40E+01	5.20E+01
WG	MW-21	L15790-17	10/20/2009	Ce-141	-9.00E-01	2.00E+00	7.00E+00
WG	MW-21	L15790-17	10/20/2009	Ce-144	2.90E+00	7.70E+00	2.60E+01
WG	MW-21	L15790-17	10/20/2009	Co-57	-8.20E-01	9.30E-01	3.30E+00
WG	MW-21	L15790-17	10/20/2009	Co-58	-2.80E+00	1.90E+00	7.40E+00
WG	MW-21	L15790-17	10/20/2009	Co-60	-9.00E-01	1.90E+00	7.30E+00
WG	MW-21	L15790-17	10/20/2009	Cr-51	2.10E+01	1.40E+01	4.60E+01
WG	MW-21	L15790-17	10/20/2009	Cs-134	0.00E+00	1.10E+00	5.80E+00
WG	MW-21	L15790-17	10/20/2009	Cs-137	-1.00E-01	2.10E+00	7.60E+00
WG	MW-21	L15790-17	10/20/2009	Fe-59	-5.60E+00	3.70E+00	1.50E+01
WG	MW-21	L15790-17	10/20/2009	H-3	-1.00E+02	4.00E+02	1.20E+03
WG	MW-21	L15790-17	10/20/2009	I-131	5.00E-01	2.90E+00	1.00E+01
WG	MW-21	L15790-17	10/20/2009	K-40	2.50E+01	3.00E+01	1.00E+02
WG	MW-21	L15790-17	10/20/2009	La-140	1.90E+00	4.00E+00	1.50E+01
WG	MW-21	L15790-17	10/20/2009	Mn-54	-5.00E-01	1.50E+00	5.80E+00
WG	MW-21	L15790-17	10/20/2009	Nb-95	9.00E-01	2.20E+00	7.60E+00
WG	MW-21	L15790-17	10/20/2009	Ru-103	-1.10E+00	1.90E+00	6.90E+00
WG	MW-21	L15790-17	10/20/2009	Ru-106	0.00E+00	1.50E+01	5.30E+01
WG	MW-21	L15790-17	10/20/2009	Sb-124	-1.09E+01	4.60E+00	2.10E+01
WG	MW-21	L15790-17	10/20/2009	Sb-125	-2.10E+00	4.10E+00	1.50E+01
WG	MW-21	L15790-17	10/20/2009	Se-75	1.20E+00	1.70E+00	5.90E+00
WG	MW-21	L15790-17	10/20/2009	Zn-65	-1.13E+01	3.80E+00	1.70E+01
WG	MW-21	L15790-17	10/20/2009	Zr-95	5.10E+00	3.00E+00	9.80E+00
WG	W-14	L15887-01	11/10/2009	H-3	1.14E+03	4.50E+02	1.30E+03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-2	L15039-01	3/20/2009	AcTh-228	-2.70E+00	4.30E+00	1.50E+01
WS	SWL-2	L15039-01	3/20/2009	Ag-108m	-3.20E-01	9.10E-01	3.20E+00
WS	SWL-2	L15039-01	3/20/2009	Ag-110m	-1.00E+00	1.50E+00	5.30E+00
WS	SWL-2	L15039-01	3/20/2009	Ba-140	5.70E+00	3.80E+00	1.20E+01
WS	SWL-2	L15039-01	3/20/2009	Be-7	-1.00E+01	1.00E+01	3.70E+01
WS	SWL-2	L15039-01	3/20/2009	Ce-141	-4.20E+00	3.40E+00	1.20E+01
WS	SWL-2	L15039-01	3/20/2009	Ce-144	0.00E+00	6.60E+00	2.20E+01
WS	SWL-2	L15039-01	3/20/2009	Co-57	2.50E-01	8.10E-01	2.70E+00
WS	SWL-2	L15039-01	3/20/2009	Co-58	5.00E-01	1.20E+00	4.20E+00
WS	SWL-2	L15039-01	3/20/2009	Co-60	6.00E-01	1.30E+00	4.30E+00
WS	SWL-2	L15039-01	3/20/2009	Cr-51	1.50E+01	1.30E+01	4.30E+01
WS	SWL-2	L15039-01	3/20/2009	Cs-134	7.10E-01	9.90E-01	4.10E+00
WS	SWL-2	L15039-01	3/20/2009	Cs-137	1.10E+00	9.90E-01	3.30E+00
WS	SWL-2	L15039-01	3/20/2009	Fe-59	2.00E-01	2.60E+00	9.10E+00
WS	SWL-2	L15039-01	3/20/2009	I-131	-5.40E+00	5.60E+00	2.00E+01
WS	SWL-2	L15039-01	3/20/2009	K-40	-2.00E+00	1.70E+01	6.00E+01
WS	SWL-2	L15039-01	3/20/2009	La-140	5.70E+00	3.80E+00	1.20E+01
WS	SWL-2	L15039-01	3/20/2009	Mn-54	-1.80E+00	1.10E+00	3.90E+00
WS	SWL-2	L15039-01	3/20/2009	Nb-95	-2.00E-01	1.80E+00	6.10E+00
WS	SWL-2	L15039-01	3/20/2009	Ru-103	9.00E-01	1.50E+00	5.10E+00
WS	SWL-2	L15039-01	3/20/2009	Ru-106	-1.80E+01	1.00E+01	3.80E+01
WS	SWL-2	L15039-01	3/20/2009	Sb-124	-1.00E+00	2.80E+00	1.00E+01
WS	SWL-2	L15039-01	3/20/2009	Sb-125	0.00E+00	2.70E+00	9.20E+00
WS	SWL-2	L15039-01	3/20/2009	Se-75	1.00E-01	1.40E+00	4.70E+00
WS	SWL-2	L15039-01	3/20/2009	Zn-65	-6.40E+00	2.70E+00	1.00E+01
WS	SWL-2	L15039-01	3/20/2009	Zr-95	-2.00E+00	2.20E+00	7.80E+00
WS	SWL-3	L15039-02	3/20/2009	AcTh-228	8.00E-01	3.20E+00	1.40E+01
WS	SWL-3	L15039-02	3/20/2009	Ag-108m	-1.21E+00	8.40E-01	3.00E+00
WS	SWL-3	L15039-02	3/20/2009	Ag-110m	-1.00E-01	1.50E+00	5.10E+00
WS	SWL-3	L15039-02	3/20/2009	Ba-140	1.50E+00	3.70E+00	1.30E+01
WS	SWL-3	L15039-02	3/20/2009	Be-7	-1.60E+00	9.90E+00	3.40E+01
WS	SWL-3	L15039-02	3/20/2009	Ce-141	2.50E+00	2.50E+00	8.20E+00
WS	SWL-3	L15039-02	3/20/2009	Ce-144	-6.50E+00	5.70E+00	2.00E+01
WS	SWL-3	L15039-02	3/20/2009	Co-57	-5.90E-01	7.40E-01	2.60E+00
WS	SWL-3	L15039-02	3/20/2009	Co-58	6.00E-01	1.20E+00	4.00E+00
WS	SWL-3	L15039-02	3/20/2009	Co-60	-3.00E-01	1.00E+00	3.70E+00
WS	SWL-3	L15039-02	3/20/2009	Cr-51	-1.00E+00	1.20E+01	4.10E+01
WS	SWL-3	L15039-02	3/20/2009	Cs-134	3.90E-01	8.50E-01	3.50E+00
WS	SWL-3	L15039-02	3/20/2009	Cs-137	1.80E+00	1.00E+00	3.30E+00
WS	SWL-3	L15039-02	3/20/2009	Fe-59	-1.80E+00	2.40E+00	8.70E+00
WS	SWL-3	L15039-02	3/20/2009	I-131	-3.60E+00	5.60E+00	2.00E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15039-02	3/20/2009	K-40	0.00E+00	1.60E+01	5.40E+01
WS	SWL-3	L15039-02	3/20/2009	La-140	1.50E+00	3.70E+00	1.30E+01
WS	SWL-3	L15039-02	3/20/2009	Mn-54	1.60E-01	9.60E-01	3.40E+00
WS	SWL-3	L15039-02	3/20/2009	Nb-95	1.60E+00	1.50E+00	5.00E+00
WS	SWL-3	L15039-02	3/20/2009	Ru-103	-1.30E+00	1.30E+00	4.70E+00
WS	SWL-3	L15039-02	3/20/2009	Ru-106	6.30E+00	9.70E+00	3.30E+01
WS	SWL-3	L15039-02	3/20/2009	Sb-124	-4.00E+00	2.90E+00	1.10E+01
WS	SWL-3	L15039-02	3/20/2009	Sb-125	-5.00E-01	2.70E+00	9.20E+00
WS	SWL-3	L15039-02	3/20/2009	Se-75	7.00E-01	1.20E+00	3.90E+00
WS	SWL-3	L15039-02	3/20/2009	Zn-65	-1.20E+00	2.40E+00	8.50E+00
WS	SWL-3	L15039-02	3/20/2009	Zr-95	-1.30E+00	2.20E+00	7.70E+00
WS	SWL-2	L15039-03	3/20/2009	H-3	-5.20E+02	4.40E+02	1.40E+03
WS	SWL-3	L15039-04	3/20/2009	H-3	-5.70E+02	4.40E+02	1.40E+03
WS	SWL-2	L15146-01	4/16/2009	AcTh-228	3.50E+00	3.50E+00	1.20E+01
WS	SWL-2	L15146-01	4/16/2009	Ag-108m	-1.36E+00	6.30E-01	2.40E+00
WS	SWL-2	L15146-01	4/16/2009	Ag-110m	-1.00E+00	1.10E+00	4.00E+00
WS	SWL-2	L15146-01	4/16/2009	Ba-140	2.40E+00	3.30E+00	1.20E+01
WS	SWL-2	L15146-01	4/16/2009	Be-7	9.10E+00	7.10E+00	2.40E+01
WS	SWL-2	L15146-01	4/16/2009	Ce-141	1.00E-01	1.60E+00	5.30E+00
WS	SWL-2	L15146-01	4/16/2009	Ce-144	-5.80E+00	4.10E+00	1.50E+01
WS	SWL-2	L15146-01	4/16/2009	Co-57	1.60E-01	5.70E-01	1.90E+00
WS	SWL-2	L15146-01	4/16/2009	Co-58	-1.29E+00	8.20E-01	3.20E+00
WS	SWL-2	L15146-01	4/16/2009	Co-60	-8.50E-01	8.50E-01	3.20E+00
WS	SWL-2	L15146-01	4/16/2009	Cr-51	9.90E+00	8.10E+00	2.70E+01
WS	SWL-2	L15146-01	4/16/2009	Cs-134	1.60E-01	5.20E-01	2.50E+00
WS	SWL-2	L15146-01	4/16/2009	Cs-137	-2.20E-01	7.70E-01	2.70E+00
WS	SWL-2	L15146-01	4/16/2009	Fe-59	8.00E-01	2.00E+00	7.10E+00
WS	SWL-2	L15146-01	4/16/2009	I-131	3.20E+00	4.00E+00	1.30E+01
WS	SWL-2	L15146-01	4/16/2009	K-40	0.00E+00	1.10E+01	3.80E+01
WS	SWL-2	L15146-01	4/16/2009	La-140	2.40E+00	3.30E+00	1.20E+01
WS	SWL-2	L15146-01	4/16/2009	Mn-54	3.80E-01	7.50E-01	2.60E+00
WS	SWL-2	L15146-01	4/16/2009	Nb-95	-5.00E-01	1.10E+00	3.90E+00
WS	SWL-2	L15146-01	4/16/2009	Ru-103	8.00E-01	1.00E+00	3.40E+00
WS	SWL-2	L15146-01	4/16/2009	Ru-106	-1.00E+00	6.80E+00	2.40E+01
WS	SWL-2	L15146-01	4/16/2009	Sb-124	-8.00E-01	2.50E+00	9.20E+00
WS	SWL-2	L15146-01	4/16/2009	Sb-125	-2.20E+00	2.10E+00	7.40E+00
WS	SWL-2	L15146-01	4/16/2009	Se-75	4.80E-01	8.60E-01	2.90E+00
WS	SWL-2	L15146-01	4/16/2009	Zn-65	9.00E-01	1.60E+00	5.60E+00
WS	SWL-2	L15146-01	4/16/2009	Zr-95	1.80E+00	1.40E+00	4.80E+00
WS	SWL-3	L15146-02	4/16/2009	AcTh-228	7.60E+00	3.60E+00	1.10E+01
WS	SWL-3	L15146-02	4/16/2009	Ag-108m	1.80E-01	6.10E-01	2.10E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15146-02	4/16/2009	Ag-110m	5.00E-01	1.10E+00	3.70E+00
WS	SWL-3	L15146-02	4/16/2009	Ba-140	-2.30E+00	3.20E+00	1.20E+01
WS	SWL-3	L15146-02	4/16/2009	Be-7	-3.90E+00	6.60E+00	2.40E+01
WS	SWL-3	L15146-02	4/16/2009	Ce-141	1.04E+00	9.50E-01	3.20E+00
WS	SWL-3	L15146-02	4/16/2009	Ce-144	3.90E+00	4.30E+00	1.50E+01
WS	SWL-3	L15146-02	4/16/2009	Co-57	1.38E+00	5.80E-01	1.90E+00
WS	SWL-3	L15146-02	4/16/2009	Co-58	-2.70E-01	7.90E-01	2.90E+00
WS	SWL-3	L15146-02	4/16/2009	Co-60	1.40E-01	8.80E-01	3.10E+00
WS	SWL-3	L15146-02	4/16/2009	Cr-51	5.00E+00	9.40E+00	3.20E+01
WS	SWL-3	L15146-02	4/16/2009	Cs-134	-3.50E-01	6.20E-01	2.90E+00
WS	SWL-3	L15146-02	4/16/2009	Cs-137	5.70E-01	7.70E-01	2.60E+00
WS	SWL-3	L15146-02	4/16/2009	Fe-59	1.30E+00	2.00E+00	6.90E+00
WS	SWL-3	L15146-02	4/16/2009	I-131	-1.10E+00	4.00E+00	1.40E+01
WS	SWL-3	L15146-02	4/16/2009	K-40	4.00E+00	1.20E+01	4.00E+01
WS	SWL-3	L15146-02	4/16/2009	La-140	-2.30E+00	3.20E+00	1.20E+01
WS	SWL-3	L15146-02	4/16/2009	Mn-54	-1.24E+00	6.60E-01	2.60E+00
WS	SWL-3	L15146-02	4/16/2009	Nb-95	1.16E+00	9.90E-01	3.30E+00
WS	SWL-3	L15146-02	4/16/2009	Ru-103	-2.17E+00	9.70E-01	3.70E+00
WS	SWL-3	L15146-02	4/16/2009	Ru-106	-2.50E+00	6.90E+00	2.40E+01
WS	SWL-3	L15146-02	4/16/2009	Sb-124	7.00E-01	2.20E+00	8.00E+00
WS	SWL-3	L15146-02	4/16/2009	Sb-125	1.60E+00	2.00E+00	6.70E+00
WS	SWL-3	L15146-02	4/16/2009	Se-75	5.00E-01	8.90E-01	3.00E+00
WS	SWL-3	L15146-02	4/16/2009	Zn-65	-1.70E+00	1.50E+00	5.70E+00
WS	SWL-3	L15146-02	4/16/2009	Zr-95	0.00E+00	1.50E+00	5.30E+00
WS	SWL-2	L15264-01	5/16/2009	AcTh-228	7.20E+00	4.20E+00	1.40E+01
WS	SWL-2	L15264-01	5/16/2009	Ag-108m	2.23E+00	7.70E-01	2.30E+00
WS	SWL-2	L15264-01	5/16/2009	Ag-110m	1.80E+00	1.30E+00	4.50E+00
WS	SWL-2	L15264-01	5/16/2009	Ba-140	2.20E+00	3.90E+00	1.40E+01
WS	SWL-2	L15264-01	5/16/2009	Be-7	-2.90E+00	9.30E+00	3.40E+01
WS	SWL-2	L15264-01	5/16/2009	Ce-141	-1.00E-01	2.40E+00	8.40E+00
WS	SWL-2	L15264-01	5/16/2009	Ce-144	6.90E+00	7.50E+00	2.50E+01
WS	SWL-2	L15264-01	5/16/2009	Co-57	-8.90E-01	8.90E-01	3.20E+00
WS	SWL-2	L15264-01	5/16/2009	Co-58	3.00E-01	1.10E+00	4.00E+00
WS	SWL-2	L15264-01	5/16/2009	Co-60	1.60E+00	1.10E+00	3.70E+00
WS	SWL-2	L15264-01	5/16/2009	Cr-51	-9.00E+00	1.30E+01	4.80E+01
WS	SWL-2	L15264-01	5/16/2009	Cs-134	-4.10E-01	8.50E-01	4.10E+00
WS	SWL-2	L15264-01	5/16/2009	Cs-137	-3.90E-01	9.70E-01	3.60E+00
WS	SWL-2	L15264-01	5/16/2009	Fe-59	-1.40E+00	2.50E+00	9.50E+00
WS	SWL-2	L15264-01	5/16/2009	I-131	-4.70E+00	7.10E+00	2.60E+01
WS	SWL-2	L15264-01	5/16/2009	K-40	0.00E+00	1.40E+01	4.90E+01
WS	SWL-2	L15264-01	5/16/2009	La-140	2.20E+00	3.90E+00	1.40E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-2	L15264-01	5/16/2009	Mn-54	5.50E-01	9.80E-01	3.50E+00
WS	SWL-2	L15264-01	5/16/2009	Nb-95	6.00E-01	1.40E+00	4.90E+00
WS	SWL-2	L15264-01	5/16/2009	Ru-103	-1.00E+00	1.40E+00	5.30E+00
WS	SWL-2	L15264-01	5/16/2009	Ru-106	1.03E+01	8.90E+00	3.00E+01
WS	SWL-2	L15264-01	5/16/2009	Sb-124	-6.00E-01	2.70E+00	1.10E+01
WS	SWL-2	L15264-01	5/16/2009	Sb-125	2.80E+00	2.40E+00	8.30E+00
WS	SWL-2	L15264-01	5/16/2009	Se-75	1.60E+00	1.20E+00	4.10E+00
WS	SWL-2	L15264-01	5/16/2009	Zn-65	-2.40E+00	2.20E+00	8.80E+00
WS	SWL-2	L15264-01	5/16/2009	Zr-95	0.00E+00	2.00E+00	7.20E+00
WS	SWL-3	L15264-02	5/16/2009	AcTh-228	3.90E+00	3.70E+00	1.30E+01
WS	SWL-3	L15264-02	5/16/2009	Ag-108m	1.19E+00	8.20E-01	2.70E+00
WS	SWL-3	L15264-02	5/16/2009	Ag-110m	-1.10E+00	1.30E+00	5.10E+00
WS	SWL-3	L15264-02	5/16/2009	Ba-140	1.30E+00	3.70E+00	1.40E+01
WS	SWL-3	L15264-02	5/16/2009	Be-7	1.16E+01	9.60E+00	3.20E+01
WS	SWL-3	L15264-02	5/16/2009	Ce-141	-3.00E-01	1.80E+00	6.40E+00
WS	SWL-3	L15264-02	5/16/2009	Ce-144	-1.38E+01	6.70E+00	2.40E+01
WS	SWL-3	L15264-02	5/16/2009	Co-57	-4.00E-02	8.80E-01	3.00E+00
WS	SWL-3	L15264-02	5/16/2009	Co-58	0.00E+00	1.20E+00	4.20E+00
WS	SWL-3	L15264-02	5/16/2009	Co-60	-6.60E-01	8.40E-01	3.40E+00
WS	SWL-3	L15264-02	5/16/2009	Cr-51	-1.00E+00	1.30E+01	4.70E+01
WS	SWL-3	L15264-02	5/16/2009	Cs-134	-3.60E-01	7.30E-01	3.40E+00
WS	SWL-3	L15264-02	5/16/2009	Cs-137	8.40E-01	9.20E-01	3.20E+00
WS	SWL-3	L15264-02	5/16/2009	Fe-59	-1.00E+00	2.60E+00	9.80E+00
WS	SWL-3	L15264-02	5/16/2009	I-131	1.09E+01	6.70E+00	2.20E+01
WS	SWL-3	L15264-02	5/16/2009	K-40	1.80E+01	1.50E+01	5.10E+01
WS	SWL-3	L15264-02	5/16/2009	La-140	1.30E+00	3.70E+00	1.40E+01
WS	SWL-3	L15264-02	5/16/2009	Mn-54	0.00E+00	8.50E-01	3.10E+00
WS	SWL-3	L15264-02	5/16/2009	Nb-95	-2.30E+00	1.40E+00	5.50E+00
WS	SWL-3	L15264-02	5/16/2009	Ru-103	-3.20E+00	1.50E+00	5.70E+00
WS	SWL-3	L15264-02	5/16/2009	Ru-106	1.60E+00	9.60E+00	3.40E+01
WS	SWL-3	L15264-02	5/16/2009	Sb-124	2.00E+00	2.80E+00	1.00E+01
WS	SWL-3	L15264-02	5/16/2009	Sb-125	1.30E+00	2.40E+00	8.40E+00
WS	SWL-3	L15264-02	5/16/2009	Se-75	-8.00E-01	1.40E+00	4.90E+00
WS	SWL-3	L15264-02	5/16/2009	Zn-65	-2.40E+00	2.10E+00	8.40E+00
WS	SWL-3	L15264-02	5/16/2009	Zr-95	-2.80E+00	2.00E+00	7.80E+00
WS	SWL-2	L15384-01	6/16/2009	AcTh-228	-6.00E-01	2.10E+00	7.10E+00
WS	SWL-2	L15384-01	6/16/2009	Ag-108m	5.30E-01	3.20E-01	1.10E+00
WS	SWL-2	L15384-01	6/16/2009	Ag-110m	4.70E-01	5.90E-01	2.00E+00
WS	SWL-2	L15384-01	6/16/2009	Ba-140	1.30E+00	4.20E+00	1.50E+01
WS	SWL-2	L15384-01	6/16/2009	Be-7	8.80E+00	4.70E+00	1.60E+01
WS	SWL-2	L15384-01	6/16/2009	Ce-141	2.00E-01	1.10E+00	3.80E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-2	L15384-01	6/16/2009	Ce-144	-2.00E+00	2.60E+00	8.60E+00
WS	SWL-2	L15384-01	6/16/2009	Co-57	1.20E-01	3.20E-01	1.10E+00
WS	SWL-2	L15384-01	6/16/2009	Co-58	3.00E-02	5.80E-01	2.00E+00
WS	SWL-2	L15384-01	6/16/2009	Co-60	-3.30E-01	4.70E-01	1.70E+00
WS	SWL-2	L15384-01	6/16/2009	Cr-51	1.05E+01	6.80E+00	2.20E+01
WS	SWL-2	L15384-01	6/16/2009	Cs-134	-7.00E-02	3.50E-01	1.50E+00
WS	SWL-2	L15384-01	6/16/2009	Cs-137	-1.00E-02	4.20E-01	1.40E+00
WS	SWL-2	L15384-01	6/16/2009	Fe-59	3.10E+00	1.50E+00	4.80E+00
WS	SWL-2	L15384-01	6/16/2009	I-131	4.50E+00	8.90E+00	3.00E+01
WS	SWL-2	L15384-01	6/16/2009	K-40	2.50E+00	7.40E+00	2.50E+01
WS	SWL-2	L15384-01	6/16/2009	La-140	1.30E+00	4.20E+00	1.50E+01
WS	SWL-2	L15384-01	6/16/2009	Mn-54	6.60E-01	4.50E-01	1.50E+00
WS	SWL-2	L15384-01	6/16/2009	Nb-95	2.00E-01	1.00E+00	3.50E+00
WS	SWL-2	L15384-01	6/16/2009	Ru-103	-1.52E+00	7.10E-01	2.50E+00
WS	SWL-2	L15384-01	6/16/2009	Ru-106	7.80E+00	4.10E+00	1.30E+01
WS	SWL-2	L15384-01	6/16/2009	Sb-124	1.60E+00	1.70E+00	5.70E+00
WS	SWL-2	L15384-01	6/16/2009	Sb-125	8.00E-01	1.10E+00	3.60E+00
WS	SWL-2	L15384-01	6/16/2009	Se-75	-6.60E-01	5.30E-01	1.80E+00
WS	SWL-2	L15384-01	6/16/2009	Zn-65	-1.90E+00	1.00E+00	3.70E+00
WS	SWL-2	L15384-01	6/16/2009	Zr-95	8.20E-01	9.60E-01	3.20E+00
WS	SWL-3	L15384-02	6/16/2009	AcTh-228	-6.00E-01	2.70E+00	9.40E+00
WS	SWL-3	L15384-02	6/16/2009	Ag-108m	-5.20E-01	4.90E-01	1.80E+00
WS	SWL-3	L15384-02	6/16/2009	Ag-110m	-3.00E-01	7.40E-01	2.70E+00
WS	SWL-3	L15384-02	6/16/2009	Ba-140	-2.70E+00	2.70E+00	1.00E+01
WS	SWL-3	L15384-02	6/16/2009	Be-7	-1.30E+00	5.60E+00	2.00E+01
WS	SWL-3	L15384-02	6/16/2009	Ce-141	2.70E+00	1.80E+00	5.80E+00
WS	SWL-3	L15384-02	6/16/2009	Ce-144	8.00E-01	4.00E+00	1.40E+01
WS	SWL-3	L15384-02	6/16/2009	Co-57	1.43E+00	5.40E-01	1.80E+00
WS	SWL-3	L15384-02	6/16/2009	Co-58	-1.63E+00	6.70E-01	2.60E+00
WS	SWL-3	L15384-02	6/16/2009	Co-60	-4.00E-01	5.70E-01	2.10E+00
WS	SWL-3	L15384-02	6/16/2009	Cr-51	1.53E+01	8.30E+00	2.70E+01
WS	SWL-3	L15384-02	6/16/2009	Cs-134	-4.60E-01	5.10E-01	2.40E+00
WS	SWL-3	L15384-02	6/16/2009	Cs-137	-6.00E-02	5.40E-01	1.90E+00
WS	SWL-3	L15384-02	6/16/2009	Fe-59	2.90E+00	1.60E+00	5.20E+00
WS	SWL-3	L15384-02	6/16/2009	I-131	-6.90E+00	4.40E+00	1.60E+01
WS	SWL-3	L15384-02	6/16/2009	K-40	-2.50E+00	8.80E+00	3.10E+01
WS	SWL-3	L15384-02	6/16/2009	La-140	-2.70E+00	2.70E+00	1.00E+01
WS	SWL-3	L15384-02	6/16/2009	Mn-54	-2.50E-01	6.30E-01	2.20E+00
WS	SWL-3	L15384-02	6/16/2009	Nb-95	1.20E+00	1.00E+00	3.40E+00
WS	SWL-3	L15384-02	6/16/2009	Ru-103	-2.12E+00	9.60E-01	3.50E+00
WS	SWL-3	L15384-02	6/16/2009	Ru-106	6.00E-01	4.80E+00	1.70E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15384-02	6/16/2009	Sb-124	2.70E+00	1.50E+00	4.90E+00
WS	SWL-3	L15384-02	6/16/2009	Sb-125	-4.00E-01	1.60E+00	5.50E+00
WS	SWL-3	L15384-02	6/16/2009	Se-75	-3.50E-01	8.70E-01	3.00E+00
WS	SWL-3	L15384-02	6/16/2009	Zn-65	9.00E-01	1.30E+00	4.30E+00
WS	SWL-3	L15384-02	6/16/2009	Zr-95	2.70E+00	1.30E+00	4.10E+00
WS	SWL-2	L15384-03	5/16/2009	H-3	-2.60E+02	4.30E+02	1.30E+03
WS	SWL-3	L15384-04	5/16/2009	H-3	-3.50E+02	4.30E+02	1.30E+03
WS	SWL-2	L15502-01	7/16/2009	AcTh-228	1.40E+00	1.00E+00	3.40E+00
WS	SWL-2	L15502-01	7/16/2009	Ag-108m	2.00E-02	1.40E-01	4.80E-01
WS	SWL-2	L15502-01	7/16/2009	Ag-110m	1.60E-01	2.50E-01	8.20E-01
WS	SWL-2	L15502-01	7/16/2009	Ba-140	-2.30E+00	3.10E+00	1.10E+01
WS	SWL-2	L15502-01	7/16/2009	Be-7	1.00E-01	2.50E+00	8.40E+00
WS	SWL-2	L15502-01	7/16/2009	Ce-141	1.70E-01	9.30E-01	3.10E+00
WS	SWL-2	L15502-01	7/16/2009	Ce-144	1.80E+00	1.20E+00	4.10E+00
WS	SWL-2	L15502-01	7/16/2009	Co-57	-1.20E-01	1.60E-01	5.40E-01
WS	SWL-2	L15502-01	7/16/2009	Co-58	-2.10E-01	2.40E-01	8.00E-01
WS	SWL-2	L15502-01	7/16/2009	Co-60	-7.00E-02	1.60E-01	5.60E-01
WS	SWL-2	L15502-01	7/16/2009	Cr-51	-8.00E-01	4.40E+00	1.50E+01
WS	SWL-2	L15502-01	7/16/2009	Cs-134	4.00E-02	1.40E-01	5.70E-01
WS	SWL-2	L15502-01	7/16/2009	Cs-137	2.90E-01	1.60E-01	5.40E-01
WS	SWL-2	L15502-01	7/16/2009	Fe-59	3.00E-01	1.10E+00	3.70E+00
WS	SWL-2	L15502-01	7/16/2009	I-131	1.30E+01	1.40E+01	4.50E+01
WS	SWL-2	L15502-01	7/16/2009	K-40	-1.30E+00	3.70E+00	1.20E+01
WS	SWL-2	L15502-01	7/16/2009	La-140	-2.30E+00	3.10E+00	1.10E+01
WS	SWL-2	L15502-01	7/16/2009	Mn-54	-3.00E-02	1.70E-01	5.60E-01
WS	SWL-2	L15502-01	7/16/2009	Nb-95	4.20E-01	3.90E-01	1.30E+00
WS	SWL-2	L15502-01	7/16/2009	Ru-103	-7.50E-01	5.80E-01	2.00E+00
WS	SWL-2	L15502-01	7/16/2009	Ru-106	-1.20E+00	1.50E+00	5.20E+00
WS	SWL-2	L15502-01	7/16/2009	Sb-124	2.90E-01	6.60E-01	2.20E+00
WS	SWL-2	L15502-01	7/16/2009	Sb-125	-2.00E-01	4.50E-01	1.50E+00
WS	SWL-2	L15502-01	7/16/2009	Se-75	8.00E-02	2.60E-01	8.60E-01
WS	SWL-2	L15502-01	7/16/2009	Zn-65	-9.30E-01	3.80E-01	1.30E+00
WS	SWL-2	L15502-01	7/16/2009	Zr-95	-3.80E-01	4.30E-01	1.50E+00
WS	SWL-3	L15502-02	7/16/2009	AcTh-228	4.90E+00	2.20E+00	7.10E+00
WS	SWL-3	L15502-02	7/16/2009	Ag-108m	-7.20E-01	5.40E-01	2.00E+00
WS	SWL-3	L15502-02	7/16/2009	Ag-110m	-3.50E-01	8.60E-01	3.10E+00
WS	SWL-3	L15502-02	7/16/2009	Ba-140	-1.10E+00	3.20E+00	1.20E+01
WS	SWL-3	L15502-02	7/16/2009	Be-7	-1.41E+01	6.60E+00	2.50E+01
WS	SWL-3	L15502-02	7/16/2009	Ce-141	1.40E+00	1.70E+00	5.50E+00
WS	SWL-3	L15502-02	7/16/2009	Ce-144	-5.70E+00	4.20E+00	1.50E+01
WS	SWL-3	L15502-02	7/16/2009	Co-57	7.80E-01	4.80E-01	1.60E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15502-02	7/16/2009	Co-58	3.60E-01	7.10E-01	2.50E+00
WS	SWL-3	L15502-02	7/16/2009	Co-60	-4.30E-01	6.30E-01	2.30E+00
WS	SWL-3	L15502-02	7/16/2009	Cr-51	-1.27E+01	8.60E+00	3.10E+01
WS	SWL-3	L15502-02	7/16/2009	Cs-134	1.20E-01	4.30E-01	2.00E+00
WS	SWL-3	L15502-02	7/16/2009	Cs-137	-4.50E-01	5.60E-01	2.10E+00
WS	SWL-3	L15502-02	7/16/2009	Fe-59	-1.00E+00	1.90E+00	6.70E+00
WS	SWL-3	L15502-02	7/16/2009	I-131	-8.00E-01	5.30E+00	1.90E+01
WS	SWL-3	L15502-02	7/16/2009	K-40	1.12E+01	9.60E+00	3.20E+01
WS	SWL-3	L15502-02	7/16/2009	La-140	-1.10E+00	3.20E+00	1.20E+01
WS	SWL-3	L15502-02	7/16/2009	Mn-54	4.00E-01	6.90E-01	2.40E+00
WS	SWL-3	L15502-02	7/16/2009	Nb-95	5.60E-01	9.30E-01	3.20E+00
WS	SWL-3	L15502-02	7/16/2009	Ru-103	-2.12E+00	9.50E-01	3.50E+00
WS	SWL-3	L15502-02	7/16/2009	Ru-106	-7.00E+00	5.10E+00	1.90E+01
WS	SWL-3	L15502-02	7/16/2009	Sb-124	-1.60E+00	1.70E+00	6.70E+00
WS	SWL-3	L15502-02	7/16/2009	Sb-125	1.20E+00	1.70E+00	5.80E+00
WS	SWL-3	L15502-02	7/16/2009	Se-75	2.50E+00	8.50E-01	2.70E+00
WS	SWL-3	L15502-02	7/16/2009	Zn-65	7.00E-01	1.30E+00	4.50E+00
WS	SWL-3	L15502-02	7/16/2009	Zr-95	-1.40E+00	1.30E+00	4.70E+00
WS	SWL-2	L15599-01	8/16/2009	AcTh-228	-6.10E+00	5.40E+00	2.00E+01
WS	SWL-2	L15599-01	8/16/2009	Ag-108m	6.00E-01	1.00E+00	3.40E+00
WS	SWL-2	L15599-01	8/16/2009	Ag-110m	-7.00E-01	1.60E+00	5.80E+00
WS	SWL-2	L15599-01	8/16/2009	Ba-140	-4.80E+00	3.80E+00	1.50E+01
WS	SWL-2	L15599-01	8/16/2009	Be-7	-2.00E+00	1.10E+01	4.00E+01
WS	SWL-2	L15599-01	8/16/2009	Ce-141	-4.90E+00	1.70E+00	6.30E+00
WS	SWL-2	L15599-01	8/16/2009	Ce-144	2.00E-01	5.20E+00	1.80E+01
WS	SWL-2	L15599-01	8/16/2009	Co-57	-3.70E-01	6.80E-01	2.30E+00
WS	SWL-2	L15599-01	8/16/2009	Co-58	-1.00E-01	1.50E+00	5.30E+00
WS	SWL-2	L15599-01	8/16/2009	Co-60	2.50E+00	1.50E+00	4.90E+00
WS	SWL-2	L15599-01	8/16/2009	Cr-51	1.80E+01	1.20E+01	3.90E+01
WS	SWL-2	L15599-01	8/16/2009	Cs-134	5.00E-01	1.10E+00	4.90E+00
WS	SWL-2	L15599-01	8/16/2009	Cs-137	2.40E+00	1.50E+00	5.00E+00
WS	SWL-2	L15599-01	8/16/2009	Fe-59	7.00E-01	3.20E+00	1.10E+01
WS	SWL-2	L15599-01	8/16/2009	I-131	-2.60E+00	4.10E+00	1.50E+01
WS	SWL-2	L15599-01	8/16/2009	K-40	1.10E+01	2.10E+01	7.20E+01
WS	SWL-2	L15599-01	8/16/2009	La-140	-4.80E+00	3.80E+00	1.50E+01
WS	SWL-2	L15599-01	8/16/2009	Mn-54	7.00E-01	1.20E+00	4.20E+00
WS	SWL-2	L15599-01	8/16/2009	Nb-95	5.00E-01	1.50E+00	5.30E+00
WS	SWL-2	L15599-01	8/16/2009	Ru-103	-1.00E-01	1.40E+00	4.90E+00
WS	SWL-2	L15599-01	8/16/2009	Ru-106	1.00E+00	1.10E+01	3.70E+01
WS	SWL-2	L15599-01	8/16/2009	Sb-124	-4.10E+00	4.10E+00	1.60E+01
WS	SWL-2	L15599-01	8/16/2009	Sb-125	3.20E+00	3.20E+00	1.10E+01

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-2	L15599-01	8/16/2009	Sc-75	7.00E-01	1.40E+00	4.70E+00
WS	SWL-2	L15599-01	8/16/2009	Zn-65	-5.10E+00	2.60E+00	1.00E+01
WS	SWL-2	L15599-01	8/16/2009	Zr-95	-2.80E+00	2.60E+00	9.60E+00
WS	SWL-3	L15599-02	8/16/2009	AcTh-228	-8.00E-01	5.00E+00	1.80E+01
WS	SWL-3	L15599-02	8/16/2009	Ag-108m	-1.90E-01	9.50E-01	3.30E+00
WS	SWL-3	L15599-02	8/16/2009	Ag-110m	-2.00E-01	1.50E+00	5.30E+00
WS	SWL-3	L15599-02	8/16/2009	Ba-140	-1.00E+00	3.80E+00	1.40E+01
WS	SWL-3	L15599-02	8/16/2009	Be-7	6.00E+00	1.10E+01	3.90E+01
WS	SWL-3	L15599-02	8/16/2009	Ce-141	2.80E+00	1.70E+00	5.40E+00
WS	SWL-3	L15599-02	8/16/2009	Ce-144	-5.00E+00	4.90E+00	1.70E+01
WS	SWL-3	L15599-02	8/16/2009	Co-57	1.70E-01	6.60E-01	2.20E+00
WS	SWL-3	L15599-02	8/16/2009	Co-58	0.00E+00	1.30E+00	4.40E+00
WS	SWL-3	L15599-02	8/16/2009	Co-60	-7.00E-01	1.30E+00	4.90E+00
WS	SWL-3	L15599-02	8/16/2009	Cr-51	-5.00E+00	1.20E+01	4.00E+01
WS	SWL-3	L15599-02	8/16/2009	Cs-134	-1.04E+00	8.20E-01	3.90E+00
WS	SWL-3	L15599-02	8/16/2009	Cs-137	1.30E+00	1.30E+00	4.50E+00
WS	SWL-3	L15599-02	8/16/2009	Fe-59	-1.80E+00	3.00E+00	1.10E+01
WS	SWL-3	L15599-02	8/16/2009	I-131	-2.10E+00	4.40E+00	1.50E+01
WS	SWL-3	L15599-02	8/16/2009	K-40	5.10E+01	2.00E+01	6.40E+01
WS	SWL-3	L15599-02	8/16/2009	La-140	-1.00E+00	3.80E+00	1.40E+01
WS	SWL-3	L15599-02	8/16/2009	Mn-54	-6.00E-01	1.10E+00	4.00E+00
WS	SWL-3	L15599-02	8/16/2009	Nb-95	0.00E+00	1.50E+00	5.40E+00
WS	SWL-3	L15599-02	8/16/2009	Ru-103	8.00E-01	1.30E+00	4.50E+00
WS	SWL-3	L15599-02	8/16/2009	Ru-106	0.00E+00	9.90E+00	3.50E+01
WS	SWL-3	L15599-02	8/16/2009	Sb-124	-4.10E+00	3.30E+00	1.30E+01
WS	SWL-3	L15599-02	8/16/2009	Sb-125	-2.50E+00	2.80E+00	9.90E+00
WS	SWL-3	L15599-02	8/16/2009	Se-75	7.00E-01	1.30E+00	4.50E+00
WS	SWL-3	L15599-02	8/16/2009	Zn-65	-3.00E-01	2.40E+00	8.50E+00
WS	SWL-3	L15599-02	8/16/2009	Zr-95	2.00E-01	2.20E+00	7.80E+00
WS	SWL-2	L15728-01	9/16/2009	AcTh-228	-5.00E-01	2.60E+00	9.20E+00
WS	SWL-2	L15728-01	9/16/2009	Ag-108m	1.20E-01	5.70E-01	2.00E+00
WS	SWL-2	L15728-01	9/16/2009	Ag-110m	-3.00E-02	8.70E-01	3.10E+00
WS	SWL-2	L15728-01	9/16/2009	Ba-140	-7.00E-01	3.70E+00	1.30E+01
WS	SWL-2	L15728-01	9/16/2009	Be-7	4.90E+00	7.80E+00	2.70E+01
WS	SWL-2	L15728-01	9/16/2009	Ce-141	-4.00E+00	1.80E+00	6.30E+00
WS	SWL-2	L15728-01	9/16/2009	Ce-144	3.20E+00	4.60E+00	1.50E+01
WS	SWL-2	L15728-01	9/16/2009	Co-57	-2.00E-02	5.30E-01	1.80E+00
WS	SWL-2	L15728-01	9/16/2009	Co-58	-6.20E-01	8.80E-01	3.20E+00
WS	SWL-2	L15728-01	9/16/2009	Co-60	-6.90E-01	7.10E-01	2.70E+00
WS	SWL-2	L15728-01	9/16/2009	Cr-51	-2.30E+00	9.20E+00	3.20E+01
WS	SWL-2	L15728-01	9/16/2009	Cs-134	6.50E-01	5.10E-01	2.20E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-2	L15728-01	9/16/2009	Cs-137	-3.00E-01	6.90E-01	2.50E+00
WS	SWL-2	L15728-01	9/16/2009	Fe-59	1.40E+00	2.10E+00	7.20E+00
WS	SWL-2	L15728-01	9/16/2009	I-131	-3.10E+00	6.20E+00	2.20E+01
WS	SWL-2	L15728-01	9/16/2009	K-40	-1.60E+01	1.00E+01	3.90E+01
WS	SWL-2	L15728-01	9/16/2009	La-140	-7.00E-01	3.70E+00	1.30E+01
WS	SWL-2	L15728-01	9/16/2009	Mn-54	-1.01E+00	7.40E-01	2.70E+00
WS	SWL-2	L15728-01	9/16/2009	Nb-95	1.70E+00	1.10E+00	3.60E+00
WS	SWL-2	L15728-01	9/16/2009	Ru-103	-1.00E+00	1.40E+00	5.00E+00
WS	SWL-2	L15728-01	9/16/2009	Ru-106	2.10E+00	5.80E+00	2.00E+01
WS	SWL-2	L15728-01	9/16/2009	Sb-124	5.00E-01	2.00E+00	7.10E+00
WS	SWL-2	L15728-01	9/16/2009	Sb-125	6.00E-01	1.90E+00	6.40E+00
WS	SWL-2	L15728-01	9/16/2009	Se-75	-9.20E-01	9.30E-01	3.30E+00
WS	SWL-2	L15728-01	9/16/2009	Zn-65	-1.90E+00	1.50E+00	5.70E+00
WS	SWL-2	L15728-01	9/16/2009	Zr-95	-2.00E-01	1.50E+00	5.30E+00
WS	SWL-3	L15728-02	9/16/2009	AcTh-228	3.20E+00	2.40E+00	7.90E+00
WS	SWL-3	L15728-02	9/16/2009	Ag-108m	3.00E-01	5.20E-01	1.80E+00
WS	SWL-3	L15728-02	9/16/2009	Ag-110m	1.04E+00	9.20E-01	3.10E+00
WS	SWL-3	L15728-02	9/16/2009	Ba-140	-7.00E-01	3.80E+00	1.40E+01
WS	SWL-3	L15728-02	9/16/2009	Be-7	8.50E+00	6.40E+00	2.10E+01
WS	SWL-3	L15728-02	9/16/2009	Ce-141	-2.60E+00	1.60E+00	5.60E+00
WS	SWL-3	L15728-02	9/16/2009	Ce-144	2.00E-01	3.90E+00	1.30E+01
WS	SWL-3	L15728-02	9/16/2009	Co-57	6.70E-01	5.00E-01	1.70E+00
WS	SWL-3	L15728-02	9/16/2009	Co-58	6.60E-01	7.80E-01	2.70E+00
WS	SWL-3	L15728-02	9/16/2009	Co-60	-1.06E+00	7.40E-01	2.80E+00
WS	SWL-3	L15728-02	9/16/2009	Cr-51	-2.80E+00	8.70E+00	3.00E+01
WS	SWL-3	L15728-02	9/16/2009	Cs-134	1.30E-01	4.70E-01	2.30E+00
WS	SWL-3	L15728-02	9/16/2009	Cs-137	-3.40E-01	6.30E-01	2.20E+00
WS	SWL-3	L15728-02	9/16/2009	Fe-59	2.30E+00	2.20E+00	7.50E+00
WS	SWL-3	L15728-02	9/16/2009	I-131	-2.10E+00	6.70E+00	2.30E+01
WS	SWL-3	L15728-02	9/16/2009	K-40	1.20E+01	1.10E+01	3.80E+01
WS	SWL-3	L15728-02	9/16/2009	La-140	-7.00E-01	3.80E+00	1.40E+01
WS	SWL-3	L15728-02	9/16/2009	Mn-54	-8.20E-01	6.60E-01	2.40E+00
WS	SWL-3	L15728-02	9/16/2009	Nb-95	-6.10E-01	9.90E-01	3.60E+00
WS	SWL-3	L15728-02	9/16/2009	Ru-103	-2.15E+00	9.40E-01	3.50E+00
WS	SWL-3	L15728-02	9/16/2009	Ru-106	2.40E+00	6.30E+00	2.20E+01
WS	SWL-3	L15728-02	9/16/2009	Sb-124	-4.40E+00	2.30E+00	8.90E+00
WS	SWL-3	L15728-02	9/16/2009	Sb-125	-3.40E+00	1.60E+00	5.80E+00
WS	SWL-3	L15728-02	9/16/2009	Se-75	1.00E-02	7.80E-01	2.70E+00
WS	SWL-3	L15728-02	9/16/2009	Zn-65	4.90E+00	2.70E+00	8.80E+00
WS	SWL-3	L15728-02	9/16/2009	Zr-95	2.10E+00	1.30E+00	4.30E+00
WS	SWL-2	L15728-03	8/16/2009	H-3	4.00E+02	4.20E+02	1.20E+03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15728-04	8/16/2009	H-3	5.30E+02	4.30E+02	1.20E+03
WS	SWL-2	L15854-01	10/16/2009	AcTh-228	2.00E-01	3.60E+00	1.20E+01
WS	SWL-2	L15854-01	10/16/2009	Ag-108m	4.70E-01	5.20E-01	1.80E+00
WS	SWL-2	L15854-01	10/16/2009	Ag-110m	7.40E-01	9.20E-01	3.10E+00
WS	SWL-2	L15854-01	10/16/2009	Ba-140	-5.10E+00	3.70E+00	1.40E+01
WS	SWL-2	L15854-01	10/16/2009	Be-7	1.50E+00	7.20E+00	2.50E+01
WS	SWL-2	L15854-01	10/16/2009	Ce-141	5.00E-01	1.60E+00	5.50E+00
WS	SWL-2	L15854-01	10/16/2009	Ce-144	2.00E+00	4.20E+00	1.40E+01
WS	SWL-2	L15854-01	10/16/2009	Co-57	2.10E-01	4.30E-01	1.50E+00
WS	SWL-2	L15854-01	10/16/2009	Co-58	-5.60E-01	7.80E-01	2.90E+00
WS	SWL-2	L15854-01	10/16/2009	Co-60	0.00E+00	8.10E-01	2.90E+00
WS	SWL-2	L15854-01	10/16/2009	Cr-51	-8.90E+00	8.70E+00	3.10E+01
WS	SWL-2	L15854-01	10/16/2009	Cs-134	9.40E-01	7.00E-01	2.40E+00
WS	SWL-2	L15854-01	10/16/2009	Cs-137	7.00E-02	6.80E-01	2.40E+00
WS	SWL-2	L15854-01	10/16/2009	Fe-59	1.30E+00	1.90E+00	6.70E+00
WS	SWL-2	L15854-01	10/16/2009	I-131	5.00E+00	5.60E+00	1.90E+01
WS	SWL-2	L15854-01	10/16/2009	K-40	-3.00E+00	1.10E+01	3.90E+01
WS	SWL-2	L15854-01	10/16/2009	La-140	-5.10E+00	3.70E+00	1.40E+01
WS	SWL-2	L15854-01	10/16/2009	Mn-54	5.70E-01	7.10E-01	2.40E+00
WS	SWL-2	L15854-01	10/16/2009	Nb-95	8.30E-01	9.90E-01	3.40E+00
WS	SWL-2	L15854-01	10/16/2009	Ru-103	-6.30E-01	9.60E-01	3.40E+00
WS	SWL-2	L15854-01	10/16/2009	Ru-106	-4.00E+00	6.90E+00	2.50E+01
WS	SWL-2	L15854-01	10/16/2009	Sb-124	-3.00E-01	2.30E+00	8.30E+00
WS	SWL-2	L15854-01	10/16/2009	Sb-125	6.00E-01	1.60E+00	5.60E+00
WS	SWL-2	L15854-01	10/16/2009	Se-75	-2.10E-01	7.70E-01	2.70E+00
WS	SWL-2	L15854-01	10/16/2009	Zn-65	4.20E+00	2.80E+00	9.20E+00
WS	SWL-2	L15854-01	10/16/2009	Zr-95	-9.00E-01	1.30E+00	4.90E+00
WS	SWL-3	L15854-02	10/16/2009	AcTh-228	1.10E+00	2.90E+00	1.00E+01
WS	SWL-3	L15854-02	10/16/2009	Ag-108m	7.00E-01	5.50E-01	1.80E+00
WS	SWL-3	L15854-02	10/16/2009	Ag-110m	5.30E-01	9.80E-01	3.40E+00
WS	SWL-3	L15854-02	10/16/2009	Ba-140	-8.00E+00	3.60E+00	1.50E+01
WS	SWL-3	L15854-02	10/16/2009	Be-7	-7.30E+00	6.80E+00	2.50E+01
WS	SWL-3	L15854-02	10/16/2009	Ce-141	1.10E+00	1.50E+00	5.10E+00
WS	SWL-3	L15854-02	10/16/2009	Ce-144	-2.00E-01	3.40E+00	1.20E+01
WS	SWL-3	L15854-02	10/16/2009	Co-57	7.10E-01	4.60E-01	1.50E+00
WS	SWL-3	L15854-02	10/16/2009	Co-58	-5.60E-01	7.20E-01	2.70E+00
WS	SWL-3	L15854-02	10/16/2009	Co-60	-1.03E+00	7.70E-01	2.90E+00
WS	SWL-3	L15854-02	10/16/2009	Cr-51	-1.67E+01	8.50E+00	3.10E+01
WS	SWL-3	L15854-02	10/16/2009	Cs-134	-1.10E+00	6.80E-01	2.60E+00
WS	SWL-3	L15854-02	10/16/2009	Cs-137	4.10E-01	7.10E-01	2.40E+00
WS	SWL-3	L15854-02	10/16/2009	Fe-59	-1.90E+00	1.70E+00	6.50E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	REFERENCE LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15854-02	10/16/2009	I-131	-2.10E+00	6.00E+00	2.10E+01
WS	SWL-3	L15854-02	10/16/2009	K-40	1.70E+01	1.20E+01	3.90E+01
WS	SWL-3	L15854-02	10/16/2009	La-140	-8.00E+00	3.60E+00	1.50E+01
WS	SWL-3	L15854-02	10/16/2009	Mn-54	7.00E-02	6.60E-01	2.30E+00
WS	SWL-3	L15854-02	10/16/2009	Nb-95	3.20E-01	9.60E-01	3.30E+00
WS	SWL-3	L15854-02	10/16/2009	Ru-103	-1.32E+00	9.50E-01	3.50E+00
WS	SWL-3	L15854-02	10/16/2009	Ru-106	0.00E+00	6.40E+00	2.20E+01
WS	SWL-3	L15854-02	10/16/2009	Sb-124	-2.50E+00	2.00E+00	8.00E+00
WS	SWL-3	L15854-02	10/16/2009	Sb-125	-8.00E-01	1.80E+00	6.40E+00
WS	SWL-3	L15854-02	10/16/2009	Se-75	-1.54E+00	8.30E-01	3.00E+00
WS	SWL-3	L15854-02	10/16/2009	Zn-65	-3.00E-01	1.60E+00	5.70E+00
WS	SWL-3	L15854-02	10/16/2009	Zr-95	3.00E-01	1.40E+00	4.80E+00
WS	SWL-2	L15949-01	11/16/2009	AcTh-228	9.00E-01	2.50E+00	8.70E+00
WS	SWL-2	L15949-01	11/16/2009	Ag-108m	-5.00E-02	4.10E-01	1.40E+00
WS	SWL-2	L15949-01	11/16/2009	Ag-110m	-5.00E-01	7.60E-01	2.70E+00
WS	SWL-2	L15949-01	11/16/2009	Ba-140	-4.70E+00	3.50E+00	1.30E+01
WS	SWL-2	L15949-01	11/16/2009	Be-7	-5.00E+00	5.60E+00	2.00E+01
WS	SWL-2	L15949-01	11/16/2009	Ce-141	5.00E-01	1.00E+00	3.40E+00
WS	SWL-2	L15949-01	11/16/2009	Ce-144	1.80E+00	3.10E+00	1.00E+01
WS	SWL-2	L15949-01	11/16/2009	Co-57	1.60E-01	3.40E-01	1.20E+00
WS	SWL-2	L15949-01	11/16/2009	Co-58	-8.50E-01	5.80E-01	2.20E+00
WS	SWL-2	L15949-01	11/16/2009	Co-60	3.10E-01	5.90E-01	2.00E+00
WS	SWL-2	L15949-01	11/16/2009	Cr-51	9.10E+00	7.20E+00	2.40E+01
WS	SWL-2	L15949-01	11/16/2009	Cs-134	-3.90E-01	4.40E-01	1.80E+00
WS	SWL-2	L15949-01	11/16/2009	Cs-137	-4.40E-01	5.40E-01	1.90E+00
WS	SWL-2	L15949-01	11/16/2009	Fe-59	1.90E+00	1.60E+00	5.50E+00
WS	SWL-2	L15949-01	11/16/2009	I-131	-2.80E+00	5.80E+00	2.00E+01
WS	SWL-2	L15949-01	11/16/2009	K-40	-1.49E+01	9.70E+00	3.50E+01
WS	SWL-2	L15949-01	11/16/2009	La-140	-4.70E+00	3.50E+00	1.30E+01
WS	SWL-2	L15949-01	11/16/2009	Mn-54	8.00E-02	5.40E-01	1.90E+00
WS	SWL-2	L15949-01	11/16/2009	Nb-95	2.10E-01	8.20E-01	2.80E+00
WS	SWL-2	L15949-01	11/16/2009	Ru-103	-2.78E+00	8.00E-01	3.00E+00
WS	SWL-2	L15949-01	11/16/2009	Ru-106	1.27E+01	5.00E+00	1.60E+01
WS	SWL-2	L15949-01	11/16/2009	Sb-124	-1.00E-01	1.90E+00	6.90E+00
WS	SWL-2	L15949-01	11/16/2009	Sb-125	1.50E+00	1.30E+00	4.30E+00
WS	SWL-2	L15949-01	11/16/2009	Se-75	-5.20E-01	6.40E-01	2.20E+00
WS	SWL-2	L15949-01	11/16/2009	Zn-65	-3.00E-01	1.30E+00	4.50E+00
WS	SWL-2	L15949-01	11/16/2009	Zr-95	-1.00E-01	1.10E+00	3.70E+00
WS	SWL-3	L15949-02	11/16/2009	AcTh-228	2.60E+00	2.50E+00	8.30E+00
WS	SWL-3	L15949-02	11/16/2009	Ag-108m	2.30E-01	4.20E-01	1.40E+00
WS	SWL-3	L15949-02	11/16/2009	Ag-110m	-5.50E-01	7.30E-01	2.60E+00

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-3	L15949-02	11/16/2009	Ba-140	-2.10E+00	3.30E+00	1.20E+01
WS	SWL-3	L15949-02	11/16/2009	Be-7	-3.70E+00	5.50E+00	1.90E+01
WS	SWL-3	L15949-02	11/16/2009	Ce-141	3.10E+00	2.00E+00	6.70E+00
WS	SWL-3	L15949-02	11/16/2009	Ce-144	-2.30E+00	2.60E+00	9.10E+00
WS	SWL-3	L15949-02	11/16/2009	Co-57	9.20E-01	3.60E-01	1.20E+00
WS	SWL-3	L15949-02	11/16/2009	Co-58	-9.20E-01	5.60E-01	2.10E+00
WS	SWL-3	L15949-02	11/16/2009	Co-60	-2.10E-01	5.50E-01	2.00E+00
WS	SWL-3	L15949-02	11/16/2009	Cr-51	-7.00E-01	7.00E+00	2.40E+01
WS	SWL-3	L15949-02	11/16/2009	Cs-134	5.20E-01	4.70E-01	1.90E+00
WS	SWL-3	L15949-02	11/16/2009	Cs-137	-8.10E-01	5.80E-01	2.10E+00
WS	SWL-3	L15949-02	11/16/2009	Fe-59	-4.00E-01	1.50E+00	5.40E+00
WS	SWL-3	L15949-02	11/16/2009	I-131	-3.00E-01	5.80E+00	2.00E+01
WS	SWL-3	L15949-02	11/16/2009	K-40	-9.10E+00	9.40E+00	3.30E+01
WS	SWL-3	L15949-02	11/16/2009	La-140	-2.10E+00	3.30E+00	1.20E+01
WS	SWL-3	L15949-02	11/16/2009	Mn-54	-6.00E-02	5.10E-01	1.80E+00
WS	SWL-3	L15949-02	11/16/2009	Nb-95	5.60E-01	8.00E-01	2.70E+00
WS	SWL-3	L15949-02	11/16/2009	Ru-103	1.00E+00	1.00E+00	3.40E+00
WS	SWL-3	L15949-02	11/16/2009	Ru-106	4.80E+00	4.90E+00	1.60E+01
WS	SWL-3	L15949-02	11/16/2009	Sb-124	-7.00E-01	1.70E+00	6.30E+00
WS	SWL-3	L15949-02	11/16/2009	Sb-125	1.80E+00	1.30E+00	4.40E+00
WS	SWL-3	L15949-02	11/16/2009	Se-75	4.70E-01	6.30E-01	2.10E+00
WS	SWL-3	L15949-02	11/16/2009	Zn-65	-2.20E+00	1.20E+00	4.40E+00
WS	SWL-3	L15949-02	11/16/2009	Zr-95	-2.00E-01	1.10E+00	3.90E+00
WS	SWL-2	L16049-01	12/16/2009	AcTh-228	3.00E+00	1.80E+00	6.00E+00
WS	SWL-2	L16049-01	12/16/2009	Ag-108m	9.00E-02	3.70E-01	1.30E+00
WS	SWL-2	L16049-01	12/16/2009	Ag-110m	5.80E-01	5.60E-01	1.90E+00
WS	SWL-2	L16049-01	12/16/2009	Ba-140	9.00E-01	3.10E+00	1.10E+01
WS	SWL-2	L16049-01	12/16/2009	Be-7	8.70E+00	4.80E+00	1.60E+01
WS	SWL-2	L16049-01	12/16/2009	Ce-141	2.40E+00	1.10E+00	3.70E+00
WS	SWL-2	L16049-01	12/16/2009	Ce-144	-2.20E+00	2.60E+00	9.00E+00
WS	SWL-2	L16049-01	12/16/2009	Co-57	-1.60E-01	3.50E-01	1.20E+00
WS	SWL-2	L16049-01	12/16/2009	Co-58	1.02E+00	5.00E-01	1.60E+00
WS	SWL-2	L16049-01	12/16/2009	Co-60	4.20E-01	4.00E-01	1.40E+00
WS	SWL-2	L16049-01	12/16/2009	Cr-51	7.60E+00	7.40E+00	2.40E+01
WS	SWL-2	L16049-01	12/16/2009	Cs-134	6.40E-01	3.40E-01	1.40E+00
WS	SWL-2	L16049-01	12/16/2009	Cs-137	-6.30E-01	3.70E-01	1.30E+00
WS	SWL-2	L16049-01	12/16/2009	Fe-59	5.00E-01	1.30E+00	4.60E+00
WS	SWL-2	L16049-01	12/16/2009	I-131	-2.40E+00	8.80E+00	3.00E+01
WS	SWL-2	L16049-01	12/16/2009	K-40	8.80E+00	7.00E+00	2.30E+01
WS	SWL-2	L16049-01	12/16/2009	La-140	9.00E-01	3.10E+00	1.10E+01
WS	SWL-2	L16049-01	12/16/2009	Mn-54	-1.00E-01	4.00E-01	1.40E+00

\* Radioactivity detected in sample (i.e., concentration &gt; 3 X standard deviation)

+ Minimum Detectable Concentration &gt; Lower Limit of Detection Requirement

Summary of 2009 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/l)	STD.DEV. (pCi/l)	MDC (pCi/l)
WS	SWL-2	L16049-01	12/16/2009	Nb-95	-1.56E+00	7.50E-01	2.70E+00
WS	SWL-2	L16049-01	12/16/2009	Ru-103	-1.44E+00	8.10E-01	2.80E+00
WS	SWL-2	L16049-01	12/16/2009	Ru-106	-1.60E+00	3.70E+00	1.30E+01
WS	SWL-2	L16049-01	12/16/2009	Sb-124	-6.00E-01	1.30E+00	4.80E+00
WS	SWL-2	L16049-01	12/16/2009	Sb-125	-1.00E-01	1.20E+00	3.90E+00
WS	SWL-2	L16049-01	12/16/2009	Se-75	-1.50E-01	6.00E-01	2.10E+00
WS	SWL-2	L16049-01	12/16/2009	Zn-65	-2.30E+00	9.10E-01	3.40E+00
WS	SWL-2	L16049-01	12/16/2009	Zr-95	5.10E-01	9.80E-01	3.30E+00
WS	SWL-3	L16049-02	12/16/2009	AcTh-228	1.50E+00	1.90E+00	6.40E+00
WS	SWL-3	L16049-02	12/16/2009	Ag-108m	-8.00E-02	4.50E-01	1.60E+00
WS	SWL-3	L16049-02	12/16/2009	Ag-110m	0.00E+00	7.10E-01	2.50E+00
WS	SWL-3	L16049-02	12/16/2009	Ba-140	-5.00E-01	2.40E+00	8.50E+00
WS	SWL-3	L16049-02	12/16/2009	Be-7	-4.60E+00	6.00E+00	2.10E+01
WS	SWL-3	L16049-02	12/16/2009	Ce-141	-2.40E+00	1.40E+00	4.90E+00
WS	SWL-3	L16049-02	12/16/2009	Ce-144	-1.00E-01	3.70E+00	1.20E+01
WS	SWL-3	L16049-02	12/16/2009	Co-57	1.40E-01	4.90E-01	1.60E+00
WS	SWL-3	L16049-02	12/16/2009	Co-58	-3.00E-01	5.10E-01	1.80E+00
WS	SWL-3	L16049-02	12/16/2009	Co-60	-2.00E-01	5.20E-01	1.90E+00
WS	SWL-3	L16049-02	12/16/2009	Cr-51	-2.60E+00	8.00E+00	2.70E+01
WS	SWL-3	L16049-02	12/16/2009	Cs-134	2.80E-01	4.20E-01	1.70E+00
WS	SWL-3	L16049-02	12/16/2009	Cs-137	-5.70E-01	5.20E-01	1.90E+00
WS	SWL-3	L16049-02	12/16/2009	Fe-59	3.00E-01	1.30E+00	4.70E+00
WS	SWL-3	L16049-02	12/16/2009	I-131	-5.30E+00	4.90E+00	1.70E+01
WS	SWL-3	L16049-02	12/16/2009	K-40	9.60E+00	7.50E+00	2.50E+01
WS	SWL-3	L16049-02	12/16/2009	La-140	-5.00E-01	2.40E+00	8.50E+00
WS	SWL-3	L16049-02	12/16/2009	Mn-54	5.20E-01	5.20E-01	1.80E+00
WS	SWL-3	L16049-02	12/16/2009	Nb-95	-2.31E+00	8.80E-01	3.30E+00
WS	SWL-3	L16049-02	12/16/2009	Ru-103	-2.10E+00	1.20E+00	4.30E+00
WS	SWL-3	L16049-02	12/16/2009	Ru-106	-4.70E+00	4.80E+00	1.70E+01
WS	SWL-3	L16049-02	12/16/2009	Sb-124	-2.00E+00	1.50E+00	5.80E+00
WS	SWL-3	L16049-02	12/16/2009	Sb-125	-1.10E+00	1.30E+00	4.70E+00
WS	SWL-3	L16049-02	12/16/2009	Se-75	-1.73E+00	8.00E-01	2.80E+00
WS	SWL-3	L16049-02	12/16/2009	Zn-65	1.40E+00	1.50E+00	4.70E+00
WS	SWL-3	L16049-02	12/16/2009	Zr-95	-1.26E+00	9.80E-01	3.60E+00
WS	SWL-2	L16049-03	11/16/2009	H-3	2.10E+02	4.50E+02	1.30E+03
WS	SWL-3	L16049-04	11/16/2009	H-3	-4.90E+02	4.30E+02	1.30E+03

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
 + Minimum Detectable Concentration > Lower Limit of Detection Requirement

Summary of 2009 Data

## APPENDIX E

### PRE-OPERATIONAL RADIOLOGICAL MONITORING PROGRAM

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

This appendix details information obtained during the conduct of a Pre-Operational Radiological Monitoring Program (PRMP) at the Donald C. Cook Nuclear Plant (CNP) from August 1971 until the initial criticality of Unit 1 on January 18, 1975. Program-related samples were analyzed by the Eberline Instrument Corporation and a summary of these results are presented below. This information was utilized during the evaluation of CNP's 2009 Radiological Environmental Monitoring Program sample data and allowed for the comparison of current and historical information.

Air Samples:

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

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

Direct Radiation:

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

Milk Samples:

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

Lake Water Samples:

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

Lake Sediment Samples:

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

Fish Samples:

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

Drinking Water Samples:

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