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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, 2007, through December 31, 2007, 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 regulatory commitments. Should you have any questions, please contact Mr. James M. Petro, Jr., Regulatory Affairs Manager, at (269) 466-2491.

Sincerely,

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Site Vice President

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ENCLOSURE TO AEP:NRC:8691-02

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, 2007 – December 31, 2007**

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

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## 1.0 EXECUTIVE SUMMARY

Implementation of the Donald C. Cook Nuclear Plant Radiological Environmental Monitoring Program (REMP) continued during the period January through December 2007, 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, with the naturally occurring Th-232 decay series, as indicated by AcTh-228, being found in two of the four samples.
- Naturally occurring K-40 was detected in all nine fish samples and Be-7 was detected in one sample. As in past years, one fish sample (control) in 2007 contained Cs-137 above the detection threshold. An evaluation of this information concluded it was consistent with data obtained during the Donald C. Cook Nuclear Plant's Pre-Operational Radiological Monitoring Program and operational history which suggested the mostly likely source of the Cs-137 was from past weapons testing in the atmosphere.
- Both indicator and control Food Products samples (grapes) contained naturally occurring K-40. All 20 samples of broadleaf vegetation contained naturally

occurring K-40, with 18 samples also containing naturally occurring Be-7. Two (indicator) of the 20 samples of broadleaf vegetation contained Cs-137. An evaluation of this information concluded it was consistent with data obtained during the Donald C. Cook Nuclear Plant's Pre-Operational Radiological Monitoring Program and operational history which suggested the mostly likely source of the Cs-137 was from past weapons testing in the atmosphere.

- Nine of 142 water samples (Drinking, Ground Water, and Surface) indicated the presence of naturally occurring K-40 and two of 142 contained the naturally occurring Th-232 decay series, as indicated by AcTh-228. Tritium was detected in one of 68 ground water samples. This activity is believed to be the result of tritium recapture via precipitation of gaseous releases through containment exhaust and pooling around site buildings. Tritium activity in these wells is being tracked by the Donald C. Cook tritium initiative team.
- 77 milk samples from both indicator and control locations detected naturally occurring K-40, with no incident of potentially plant related radionuclides being found.
- 56 of 288 informational ground water samples indicated the presence of tritium. This activity is believed to be the result of tritium recapture via precipitation of gaseous releases through unit vent exhausts and pooling around site buildings. Tritium results of rain samples support this model (Reference 3, USNRC RIS 08-03). Tritium activity in these wells is being tracked by the Donald C. Cook tritium initiative team. This activity has no significant impact on public health or safety.

No sample analysis results exceeded or approached specified reporting levels.

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

## 2.0 INTRODUCTION

### 2.1 General Plant Site Information

The Indiana Michigan Power Company's Donald C. Cook Nuclear Plant 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 Radiological Environmental Monitoring Program (REMP) for the Donald C. Cook Nuclear Plant was designed with specific objectives:

- To provide an early indication of the appearance or accumulation of radioactive material in the environment possibly caused by the Donald C. Cook Nuclear Plant activities.

- To provide assurance to regulatory agencies and the public that the environmental/dose impact of the Donald C. Cook Nuclear Plant 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 the NRC Regulatory Guide 4.1, 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 Nuclear Regulatory Commission 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, 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 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 semiannually 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 4.1 and 20 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 2007. Though milk samples were collected at the remaining farms, the milk sampling program was considered suspended in 2007. 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 the Donald C. Cook Nuclear Plant, 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 Broad Leaf Vegetation

Broad leaf vegetation sampling in lieu of milk collection was reinstated on December 16, 2004, and continued through 2007. 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. 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 the Donald C. Cook Nuclear Plant.

### 2.5.11 Additional Sample Analysis (not included in the ODCM)

During 2007, additional groundwater samples not required by the ODCM were collected for informational purposes. These samples include the following:

- Groundwater (Radioactive Equipment Storage Facility, SG wells)
  - Two one-liter well water samples were taken at 4 locations. These samples were analyzed for gamma isotopic and gross alpha/beta radioactivity by the AREVA NP Laboratory.
- Informational Groundwater Wells - samples were collected at several locations during the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters of 2007 and analyzed for tritium by the Donald C. Cook Chemistry Department and AREVA NP.

Table 2.1

**Sampling Frequency & Type of Analysis  
Based on ODCM, Rev. 22, 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

**2007 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	I	2200 feet @ 208 ° from Plant axis
	MW-21	I	2200 feet @ 180 ° from Plant axis
b. Drinking (WD)	STJ	C	9 miles NE - St. Joseph Public Intake Station
	LTW	I	0.6 mile S - Lake Twp. Public Intake Station
c. Surface (WS)	SWL-2	I	500 feet S of Plant Centerline – Site Boundary

**Table 2.2**  
**2007 Radiological Environmental Monitoring Program**  
**Sampling Types and Location**  
**(continued)**

Exposure Pathway (Sample Type Designation)	Sample Station	Indicator/ Control	Location Description
	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
e. Ground water(SG) Radioactive Equipment Storage Facility	SG-1	I	0.8 mile @ 95° from Plant Axis
	SG-2	I	0.7 mile @ 92° from Plant Axis
	SG-4	I	0.7 mile @ 93° from Plant Axis
	SG-5	I	0.7 mile @ 92° from Plant Axis
<b>Ingestion</b>			
a. Milk (TM)	MR	I	Determined by Land Use Census, 5.0 miles SE
	SF	I	Determined by Land Use Census, 4.1 miles SSE
	LF	C	20 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-Sec J	I	Within 8 mi. in highest annual average D/Q land Sector
	MIDD-Sec J	I	
	EAST-Sec J	I	
	WELL-Sec A	I	Backup location only
	LIVI-Sec K	C	~20 miles from the Plant, in one of the less prevalent land wind directions

\* These samples are not part of the REMP.

**Table 2.2**  
**2007 Radiological Environmental Monitoring Program**  
**Sampling Types and Location**  
**(continued)**

Exposure Pathway (Sample Type Designation)	Sample Station	Indicator/ Control	Location Description
<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. 22, 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. 22, Attachment 3.21**

<b>Analysis</b>	<b>Food Prod. (pCi/kg, wet)</b>	<b>Water (pCi/L)</b>	<b>Milk (pCi/L)</b>	<b>Airborne Filter (pCi/m<sup>3</sup>)</b>	<b>Fish (pCi/kg, wet)</b>
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)

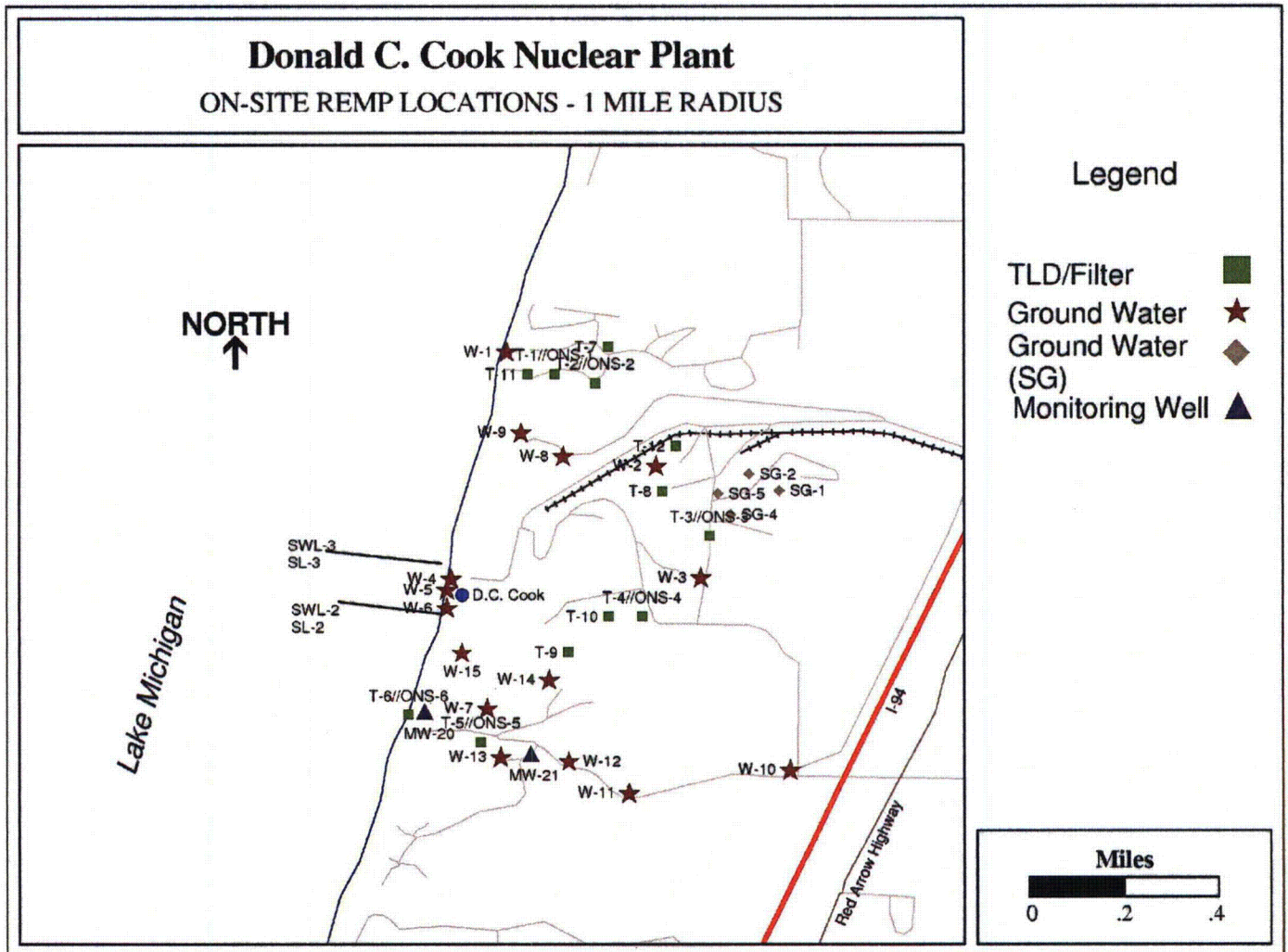


Figure 2.2

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

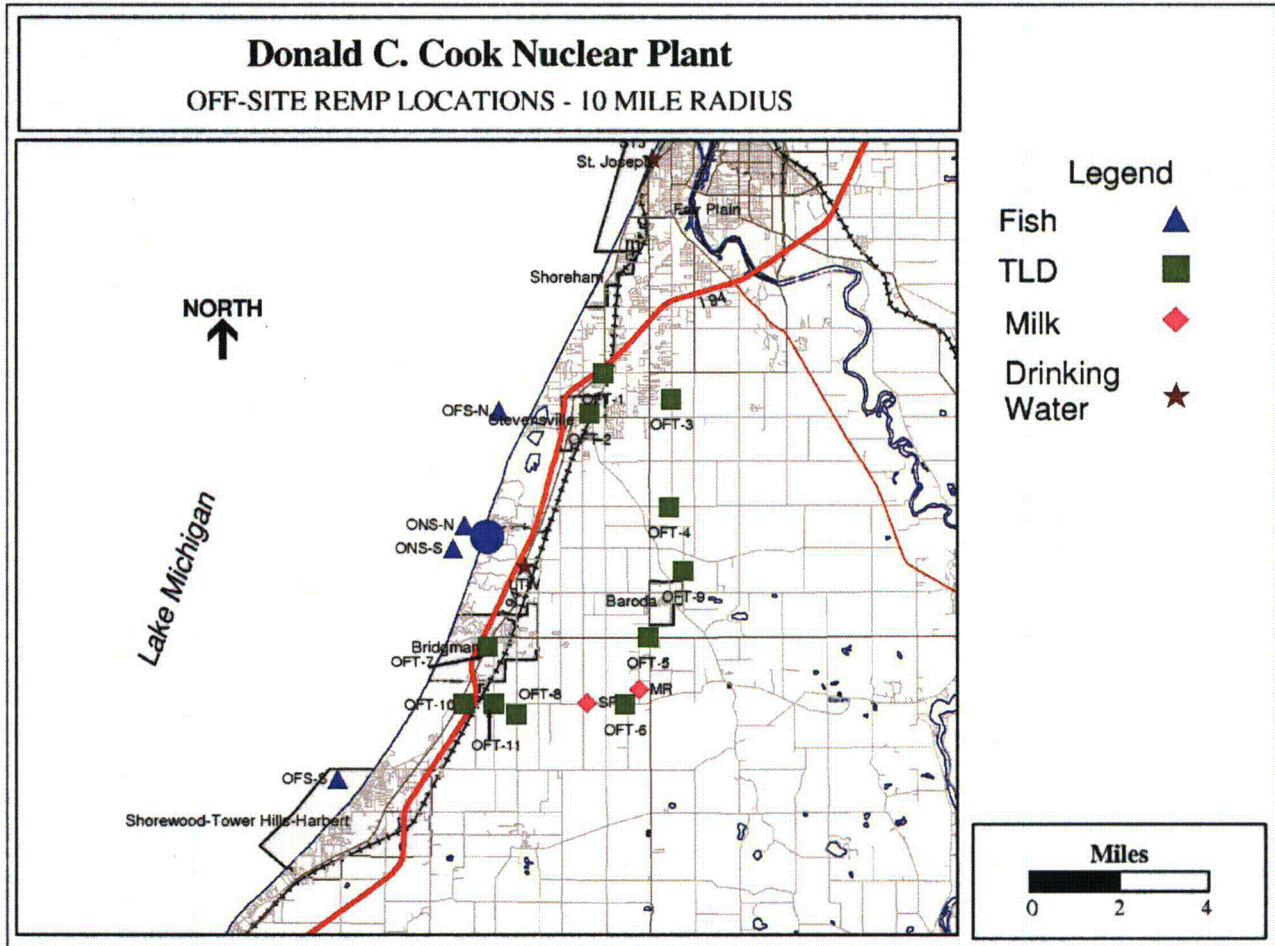
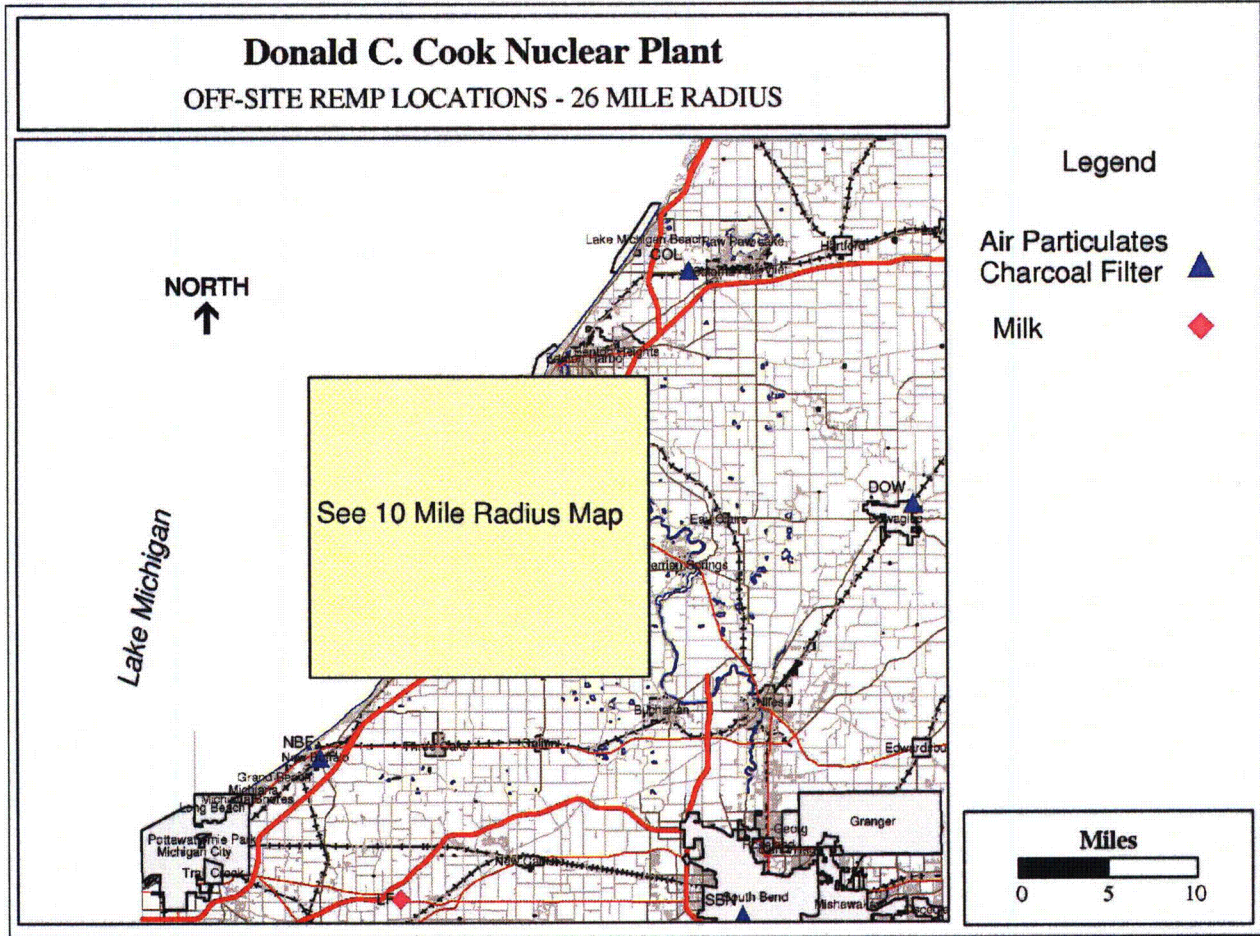


Figure 2.3

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



## 2.6 Samples Collected During 2007

Table 2.5 below summarizes the number of samples of each type collected during the 2007 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 2007

Sample Type	REMP Samples Collected in 2007		
	Total	Indicator	Control
Gamma Exposure Environmental TLD	108	48	60
Air Particulate	520	312	208
Charcoal Filter	520	312	208
Groundwater (wells + SG facility)	84	84	0
Surface Water	22	22	0
Drinking Water	52	26	26
Sediment (Lake)	4	4	0
Food Products (grapes)	2	1	1
Vegetation (broadleaf)	20	15	5
Milk	77	51	26
Fish	9	5	4
<b>Total All Types</b>	<b>1418</b>	<b>880</b>	<b>538</b>

### 3.0 RADIOLOGICAL DATA SUMMARY TABLES

This section summarizes the analytical results of the environmental samples that were collected during 2007. 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 pathways 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 2007, 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, which 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 2007, 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 a LLD requirement in Attachment 3.20 or, a Reporting Level listed in Attachment 3.21 of the ODCM, or (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 2007)**

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	2.5E -2 ( -1.3 - 0.1)E 0 (311/ 312)	NBF	3.0E -2 ( 1.6 - 5.9)E -2 (52/ 52)	2.5E -2 ( -9.6 - 0.7)E -1 (207/ 208)		
Be-7 (40) (0)		1.4E -1 ( 8.4 - 20.9)E -2 (24/ 24)	ONS-4	1.5E -1 ( 1.2 - 2.0)E -1 (4/ 4)	1.4E -1 ( 7.8 - 21.4)E -2 (16/ 16)		
K-40 (40) (0)		1.9E -3 ( -8.7 - 7.9)E -3 (0/ 24)	ONS-6	3.6E -3 ( 1.0 - 7.8)E -3 (0/ 4)	-2.0E -3 ( -9.0 - 6.0)E -3 (0/ 16)		
Cr-51 (40) (0)		-3.9E -3 ( -3.8 - 2.8)E -2 (0/ 24)	NBF	8.0E -3 ( -5.0 - 35.0)E -3 (0/ 4)	-5.0E -3 ( -3.6 - 3.5)E -2 (0/ 16)		
Mn-54 (40) (0)		-1.1E -5 ( -1.1 - 0.8)E -3 (0/ 24)	ONS-1	3.2E -4 ( 0.0 - 5.4)E -4 (0/ 4)	6.8E -5 ( -5.7 - 7.8)E -4 (0/ 16)		
Co-57 (40) (0)		7.5E -5 ( -2.2 - 6.0)E -4 (0/ 24)	NBF	1.9E -4 ( -1.2 - 5.9)E -4 (0/ 4)	2.9E -5 ( -3.6 - 5.9)E -4 (0/ 16)		
Co-58 (40) (0)		-1.7E -5 ( -2.4 - 1.9)E -3 (0/ 24)	ONS-3	7.3E -4 ( 1.4 - 17.0)E -4 (0/ 4)	0.0E 0 ( -1.2 - 2.1)E -3 (0/ 16)		
Fe-59 (40) (0)		-4.7E -4 ( -4.7 - 6.4)E -3 (0/ 24)	NBF	1.9E -3 ( -6.0 - 38.0)E -4 (0/ 4)	8.2E -4 ( -1.7 - 3.8)E -3 (0/ 16)		
Co-60 (40) (0)		-8.3E -5 ( -1.2 - 0.6)E -3 (0/ 24)	ONS-2	3.0E -4 ( 1.1 - 5.5)E -4 (0/ 4)	1.2E -4 ( -3.4 - 5.7)E -4 (0/ 16)		
Zn-65 (40) (0)		-5.3E -4 ( -5.0 - 1.7)E -3 (0/ 24)	ONS-6	5.2E -4 ( 0.0 - 1.2)E -3 (0/ 4)	-2.3E -4 ( -2.2 - 2.2)E -3 (0/ 16)		
Se-75 (40) (0)		-2.0E -4 ( -2.4 - 1.5)E -3 (0/ 24)	NBF	3.2E -4 ( -9.0 - 105.0)E -5 (0/ 4)	4.2E -5 ( -1.1 - 1.1)E -3 (0/ 16)		
Nb-95 (40) (0)		-5.9E -4 ( -5.8 - 2.9)E -3 (0/ 24)	SBN	2.2E -3 ( -4.6 - 48.0)E -4 (0/ 4)	2.8E -5 ( -4.8 - 4.8)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 parentheses.



Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**	
Zr-95 (40) (0)		2.3E -4 ( -3.0 - 2.5)E -3 (0/ 24)	ONS-5	1.0E -3 ( -2.0 - 25.0)E -4 (0/ 4)	-6.7E -4 ( -3.2 - 2.3)E -3 (0/ 16)	
Ru-103 (40) (0)		0.0E 0 ( -1.9 - 1.9)E -3 (0/ 24)	ONS-6	1.5E -4 ( -1.4 - 1.2)E -3 (0/ 4)	-6.9E -4 ( -3.7 - 3.0)E -3 (0/ 16)	
Ru-106 (40) (0)		4.5E -4 ( -5.9 - 6.7)E -3 (0/ 24)	ONS-5	2.0E -3 ( -3.3 - 5.8)E -3 (0/ 4)	-7.9E -4 ( -5.0 - 6.3)E -3 (0/ 16)	
Ag-108m (40) (0)		-2.6E -5 ( -4.7 - 6.7)E -4 (0/ 24)	ONS-6	2.1E -4 ( 0.0 - 6.7)E -4 (0/ 4)	6.2E -5 ( -3.7 - 4.6)E -4 (0/ 16)	
Ag-110m (40) (0)		-1.9E -4 ( -1.6 - 1.0)E -3 (0/ 24)	NBF	5.7E -4 ( -3.4 - 12.1)E -4 (0/ 4)	2.4E -4 ( -6.9 - 12.1)E -4 (0/ 16)	
Sb-124 (40) (0)		-1.5E -4 ( -6.0 - 5.6)E -3 (0/ 24)	ONS-1	1.5E -3 ( -1.3 - 5.6)E -3 (0/ 4)	-7.5E -5 ( -6.4 - 3.4)E -3 (0/ 16)	
Sb-125 (40) (0)		1.9E -4 ( -1.8 - 2.5)E -3 (0/ 24)	ONS-2	6.7E -4 ( -4.2 - 12.0)E -4 (0/ 4)	-6.6E -5 ( -2.2 - 1.4)E -3 (0/ 16)	
I-131 (40) (0)		-2.2E -2 ( -4.0 - 2.3)E -1 (0/ 24)	ONS-4	5.7E -2 ( -1.8 - 22.0)E -2 (0/ 4)	-6.8E -3 ( -6.3 - 16.0)E -2 (0/ 16)	
Cs-134 (40) (0)	0.06	0.0E 0 ( -9.2 - 8.9)E -4 (0/ 24)	ONS-1	2.3E -4 ( -3.7 - 8.9)E -4 (0/ 4)	-1.9E -4 ( -9.2 - 7.8)E -4 (0/ 16)	
Cs-137 (40) (0)	0.06	1.5E -5 ( -6.6 - 6.1)E -4 (0/ 24)	ONS-3	4.4E -4 ( 2.3 - 6.1)E -4 (0/ 4)	-6.9E -5 ( -9.0 - 3.4)E -4 (0/ 16)	
Ba-140 (40) (0)		-2.0E -3 ( -3.9 - 2.4)E -2 (0/ 24)	ONS-2	6.0E -3 ( 0.0 - 2.4)E -2 (0/ 4)	1.5E -4 ( -2.2 - 2.4)E -2 (0/ 16)	
La-140 (40) (0)		-2.5E -3 ( -4.5 - 2.4)E -2 (0/ 24)	ONS-2	6.0E -3 ( 0.0 - 2.4)E -2 (0/ 4)	2.8E -4 ( -2.2 - 2.4)E -2 (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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(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)		-2.2E -4 ( -4.6 - 6.4)E -3 (0/ 24)		ONS-2	1.5E -3 ( -9.0 - 64.0)E -4 (0/ 4)	-1.1E -3 ( -5.5 - 2.7)E -3 (0/ 16)	
Ce-144 (40) (0)		5.0E -4 ( -3.4 - 5.2)E -3 (0/ 24)		ONS-6	2.3E -3 ( -3.4 - 52.0)E -4 (0/ 4)	-1.2E -3 ( -5.8 - 1.2)E -3 (0/ 16)	
Th-232 (40) (0)		2.3E -4 ( -2.4 - 3.2)E -3 (0/ 24)		DOW	1.7E -3 ( 0.0 - 3.2)E -3 (0/ 4)	4.6E -4 ( -1.7 - 3.2)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(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)	0.07	9.3E -3 ( -1.4 - 290.0)E -2 (0/ 312)		ONS-2	5.4E -2 ( -1.3 - 290.0)E -2 (0/ 52)		-4.3E -2 ( -8.9 - 0.0)E 0 (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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(continued)**

MEDIUM: Groundwater - Well (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 (68) (0)	2000	1.2E 0 ( -1.3 - 1.7)E 3 (1/ 68)		W-5	1.0E 3 ( 4.8 - 17.0)E 2 (1/ 4)	NO DATA
Be-7 (68) (0)		5.5E -1 ( -3.6 - 3.2)E 1 (0/ 68)		W-4	9.3E 0 ( -1.8 - 3.2)E 1 (0/ 4)	NO DATA
K-40 (68) (0)		2.3E 1 ( -7.4 - 14.3)E 1 (8/ 68)		W-5	1.0E 2 ( 6.0 - 14.3)E 1 (3/ 4)	NO DATA
Cr-51 (68) (0)		1.1E 0 ( -3.4 - 4.0)E 1 (0/ 68)		W-5	1.5E 1 ( 1.0 - 2.3)E 1 (0/ 4)	NO DATA
Mn-54 (68) (0)	15	-2.5E -1 ( -3.0 - 2.6)E 0 (0/ 68)		W-9	1.0E 0 ( -1.5 - 17.0)E -1 (0/ 4)	NO DATA
Co-57 (68) (0)		2.3E -1 ( -2.7 - 3.0)E 0 (0/ 68)		W-4	1.1E 0 ( 3.0 - 19.0)E -1 (0/ 4)	NO DATA
Co-58 (68) (0)	15	-6.6E -1 ( -6.8 - 3.2)E 0 (0/ 68)		W-10	7.0E -1 ( 0.0 - 2.2)E 0 (0/ 4)	NO DATA
Fe-59 (68) (0)	30	2.0E -1 ( -8.9 - 7.6)E 0 (0/ 68)		W-10	1.9E 0 ( -2.2 - 6.7)E 0 (0/ 4)	NO DATA
Co-60 (68) (0)	15	-4.9E -2 ( -4.2 - 5.2)E 0 (0/ 68)		W-4	1.1E 0 ( -8.0 - 44.0)E -1 (0/ 4)	NO DATA
Zn-65 (68) (0)	30	-2.3E 0 ( -1.6 - 1.3)E 1 (0/ 68)		W-7	1.5E 0 ( -4.0 - 6.7)E 0 (0/ 4)	NO DATA
Se-75 (68) (0)		-1.8E -1 ( -6.0 - 3.1)E 0 (0/ 68)		W-5	1.4E 0 ( 4.0 - 30.0)E -1 (0/ 4)	NO DATA
Nb-95 (68) (0)	15	-1.0E -1 ( -8.3 - 4.9)E 0 (0/ 68)		W-13	1.2E 0 ( -8.0 - 26.0)E -1 (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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(continued)**

MEDIUM: Groundwater - Well (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**
Zr-95 (68) (0)	30	-2.4E -1 ( -7.7 - 6.7)E 0 (0/ 68)		W-8	2.6E 0 ( -7.0 - 67.0)E -1 (0/ 4)	NO DATA
Ru-103 (68) (0)		-1.2E 0 ( -6.3 - 2.6)E 0 (0/ 68)		W-1	1.0E -1 ( -2.9 - 2.6)E 0 (0/ 4)	NO DATA
Ru-106 (68) (0)		-1.7E 0 ( -5.7 - 3.5)E 1 (0/ 68)		W-3	1.1E 1 ( -3.0 - 35.0)E 0 (0/ 4)	NO DATA
Ag-108m (68) (0)		-3.2E -2 ( -2.4 - 3.3)E 0 (0/ 68)		W-12	1.3E 0 ( -1.0 - 33.0)E -1 (0/ 4)	NO DATA
Ag-110m (68) (0)		-3.2E -1 ( -4.4 - 6.3)E 0 (0/ 68)		MW-20	1.6E 0 ( -2.9 - 6.3)E 0 (0/ 4)	NO DATA
Sb-124 (68) (0)		-2.0E -1 ( -7.8 - 8.6)E 0 (0/ 68)		W-3	2.5E 0 ( -4.4 - 6.4)E 0 (0/ 4)	NO DATA
Sb-125 (68) (0)		-2.9E -1 ( -9.4 - 12.7)E 0 (0/ 68)		MW-20	3.7E 0 ( 1.5 - 5.1)E 0 (0/ 4)	NO DATA
I-131 (68) (0)	1	5.0E -2 ( -1.2 - 1.0)E 1 (0/ 68)		W-14	1.9E 0 ( -4.2 - 6.7)E 0 (0/ 4)	NO DATA
Cs-134 (68) (0)	15	2.8E -1 ( -3.6 - 2.9)E 0 (0/ 68)		W-9	1.5E 0 ( 4.0 - 24.0)E -1 (0/ 4)	NO DATA
Cs-137 (68) (0)	18	-3.2E -1 ( -4.8 - 3.7)E 0 (0/ 68)		W-4	7.0E -1 ( -4.0 - 17.0)E -1 (0/ 4)	NO DATA
Ba-140 (68) (0)	60	-2.7E -1 ( -6.5 - 7.6)E 0 (0/ 68)		W-14	2.4E 0 ( 3.0 - 49.0)E -1 (0/ 4)	NO DATA
La-140 (68) (0)	15	-3.2E -1 ( -7.3 - 7.6)E 0 (0/ 68)		W-14	2.6E 0 ( 3.0 - 56.0)E -1 (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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(continued)**

MEDIUM: Groundwater - Well (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)		3.9E -1 ( -7.6 - 6.6)E 0 (0/ 68)	W-1	4.0E 0 ( 2.7 - 6.2)E 0 (0/ 4)	NO DATA
Ce-144 (68) (0)		9.2E -1 ( -1.7 - 2.2)E 1 (0/ 68)	W-4	8.4E 0 ( 7.3 - 9.1)E 0 (0/ 4)	NO DATA
Th-232 (68) (0)		1.6E 0 ( -1.3 - 1.7)E 1 (0/ 68)	W-4	6.4E 0 ( -2.0 - 112.0)E -1 (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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(continued)**

**MEDIUM: Groundwater – SG Facility (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**	
GR-A (16) (0)		1.3E 0 ( -4.0 - 330.0)E -2 (0/ 16)	SG-1	2.4E 0 ( 9.3 - 33.0)E -1 (0/ 4)		NO DATA
GR-B (16) (0)	4	1.2E 1 ( 4.3 - 22.8)E 0 (16/ 16)	SG-5	1.6E 1 ( 1.0 - 2.3)E 1 (4/ 4)		NO DATA
H-3 (12) (0)	2000	-1.3E 2 ( -6.5 - 5.1)E 2 (0/ 12)	SG-4	3.7E 1 ( -3.3 - 5.1)E 2 (0/ 3)		NO DATA
Be-7 (16) (0)		-4.4E -2 ( -2.8 - 2.4)E 1 (0/ 16)	SG-5	6.3E 0 ( -2.9 - 21.0)E 0 (0/ 4)		NO DATA
K-40 (16) (0)		-5.1E 0 ( -9.7 - 4.2)E 1 (0/ 16)	SG-4	1.8E 1 ( -1.8 - 4.2)E 1 (0/ 4)		NO DATA
Cr-51 (16) (0)		-3.2E 0 ( -4.6 - 2.3)E 1 (0/ 16)	SG-1	4.3E 0 ( -1.3 - 2.3)E 1 (0/ 4)		NO DATA
Mn-54 (16) (0)	15	-5.4E -1 ( -3.6 - 2.0)E 0 (0/ 16)	SG-5	7.1E -1 ( -7.0 - 19.0)E -1 (0/ 4)		NO DATA
Co-57 (16) (0)		1.3E -1 ( -1.4 - 2.3)E 0 (0/ 16)	SG-2	6.2E -1 ( -1.2 - 2.3)E 0 (0/ 4)		NO DATA
Co-58 (16) (0)	15	-6.5E -1 ( -3.5 - 2.6)E 0 (0/ 16)	SG-2	-2.7E -1 ( -2.8 - 2.6)E 0 (0/ 4)		NO DATA
Fe-59 (16) (0)	30	-2.4E -1 ( -7.9 - 3.8)E 0 (0/ 16)	SG-1	1.2E 0 ( -2.2 - 3.3)E 0 (0/ 4)		NO DATA
Co-60 (16) (0)	15	7.1E -2 ( -3.1 - 3.5)E 0 (0/ 16)	SG-2	1.1E 0 ( 1.0 - 35.0)E -1 (0/ 4)		NO DATA
Zn-65 (16) (0)	30	-9.8E -1 ( -7.7 - 7.0)E 0 (0/ 16)	SG-2	7.5E -2 ( -2.3 - 4.5)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(continued)**

MEDIUM: Groundwater – SG Facility (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**	
Se-75 (16) (0)		2.2E -1 ( -2.0 - 2.0)E 0 (0/ 16)	SG-1	7.3E -1 ( -8.0 - 20.0)E -1 (0/ 4)		NO DATA
Nb-95 (16) (0)	15	7.5E -2 ( -2.4 - 3.8)E 0 (0/ 16)	SG-4	1.7E 0 ( -1.1 - 3.8)E 0 (0/ 4)		NO DATA
Zr-95 (16) (0)	30	6.3E -3 ( -3.9 - 5.7)E 0 (0/ 16)	SG-5	1.3E 0 ( -3.2 - 5.7)E 0 (0/ 4)		NO DATA
Ru-103 (16) (0)		-1.6E 0 ( -3.8 - -0.1)E 0 (0/ 16)	SG-4	-4.5E -1 ( -1.0 - -0.1)E 0 (0/ 4)		NO DATA
Ru-106 (16) (0)		8.9E -1 ( -3.3 - 4.0)E 1 (0/ 16)	SG-1	5.3E 0 ( -1.4 - 4.0)E 1 (0/ 4)		NO DATA
Ag-108m (16) (0)		1.6E -1 ( -1.4 - 2.9)E 0 (0/ 16)	SG-5	7.4E -1 ( 3.0 - 12.0)E -1 (0/ 4)		NO DATA
Ag-110m (16) (0)		-6.1E -1 ( -4.2 - 2.3)E 0 (0/ 16)	SG-4	6.0E -1 ( -6.0 - 23.0)E -1 (0/ 4)		NO DATA
Sb-124 (16) (0)		-3.1E -1 ( -9.7 - 9.9)E 0 (0/ 16)	SG-2	3.4E 0 ( 2.0 - 99.0)E -1 (0/ 4)		NO DATA
Sb-125 (16) (0)		6.7E -1 ( -6.9 - 6.2)E 0 (0/ 16)	SG-5	3.9E 0 ( 2.0 - 6.2)E 0 (0/ 4)		NO DATA
I-131 (16) (0)		-9.4E -2 ( -1.2 - 0.5)E 1 (0/ 16)	SG-4	1.6E 0 ( -2.7 - 4.3)E 0 (0/ 4)		NO DATA
Cs-134 (16) (0)	15	6.2E -1 ( -8.0 - 22.0)E -1 (0/ 16)	SG-2	1.1E 0 ( -4.0 - 21.0)E -1 (0/ 4)		NO DATA
Cs-137 (16) (0)	18	3.7E -2 ( -2.7 - 3.2)E 0 (0/ 16)	SG-2	1.8E 0 ( 2.0 - 32.0)E -1 (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 parentheses.



Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(continued)**

**MEDIUM: Groundwater – SG Facility (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**
Ba-140 (16) (0)	60	-4.9E -1 ( -4.7 - 10.1)E 0 (0/ 16)		SG-1	9.0E -1 ( -3.7 - 10.1)E 0 (0/ 4)	NO DATA
La-140 (16) (0)	15	-6.6E -1 ( -5.4 - 10.1)E 0 (0/ 16)		SG-1	6.5E -1 ( -4.3 - 10.1)E 0 (0/ 4)	NO DATA
Ce-141 (16) (0)		-1.4E 0 ( -1.2 - 0.4)E 1 (0/ 16)		SG-5	1.0E 0 ( 0.0 - 2.5)E 0 (0/ 4)	NO DATA
Ce-144 (16) (0)		3.5E 0 ( -7.9 - 16.2)E 0 (0/ 16)		SG-4	1.0E 1 ( 5.8 - 16.2)E 0 (0/ 4)	NO DATA
Th-232 (16) (0)		4.0E 0 ( -3.6 - 12.0)E 0 (0/ 16)		SG-2	7.1E 0 ( 1.4 - 9.3)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**	
GR-B (52) (0)	4	3.5E 0 ( 1.0 - 96.0)E -1 (13/ 26)	STJ	3.6E 0 ( 1.8 - 9.3)E 0 (13/ 26)	3.6E 0 ( 1.8 - 9.3)E 0 (13/ 26)	
H-3 (8) (0)	2000	-1.5E 2 ( -4.6 - 2.8)E 2 (0/ 4)	STJ	9.0E 1 ( -9.0 - 30.0)E 1 (0/ 4)	9.0E 1 ( -9.0 - 30.0)E 1 (0/ 4)	
Be-7 (52) (0)		1.2E 0 ( -2.0 - 2.2)E 1 (0/ 26)	STJ	5.4E 0 ( -2.3 - 4.7)E 1 (0/ 26)	5.4E 0 ( -2.3 - 4.7)E 1 (0/ 26)	
K-40 (52) (0)		1.9E -1 ( -5.1 - 6.1)E 1 (1/ 26)	LTW	1.9E -1 ( -5.1 - 6.1)E 1 (1/ 26)	8.1E -2 ( -3.2 - 6.2)E 1 (0/ 26)	
Cr-51 (52) (0)		1.2E -1 ( -2.5 - 2.7)E 1 (0/ 26)	STJ	5.7E -1 ( -3.0 - 3.8)E 1 (0/ 26)	5.7E -1 ( -3.0 - 3.8)E 1 (0/ 26)	
Mn-54 (52) (0)	15	-6.2E -1 ( -3.3 - 1.5)E 0 (0/ 26)	STJ	-4.5E -1 ( -3.6 - 1.9)E 0 (0/ 26)	-4.5E -1 ( -3.6 - 1.9)E 0 (0/ 26)	
Co-57 (52) (0)		3.3E -1 ( -1.7 - 2.7)E 0 (0/ 26)	LTW	3.3E -1 ( -1.7 - 2.7)E 0 (0/ 26)	-2.9E -2 ( -1.7 - 2.0)E 0 (0/ 26)	
Co-58 (52) (0)	15	-1.8E -1 ( -2.6 - 2.2)E 0 (0/ 26)	STJ	-2.9E -2 ( -2.3 - 2.8)E 0 (0/ 26)	-2.9E -2 ( -2.3 - 2.8)E 0 (0/ 26)	
Fe-59 (52) (0)	30	5.7E -1 ( -5.0 - 5.2)E 0 (0/ 26)	LTW	5.7E -1 ( -5.0 - 5.2)E 0 (0/ 26)	-1.2E 0 ( -1.1 - 0.5)E 1 (0/ 26)	
Co-60 (52) (0)	15	-5.2E -1 ( -2.9 - 2.5)E 0 (0/ 26)	STJ	2.5E -1 ( -2.2 - 1.6)E 0 (0/ 26)	2.5E -1 ( -2.2 - 1.6)E 0 (0/ 26)	
Zn-65 (52) (0)	30	-4.1E -1 ( -8.5 - 12.4)E 0 (0/ 26)	LTW	-4.1E -1 ( -8.5 - 12.4)E 0 (0/ 26)	-1.5E 0 ( -9.1 - 6.0)E 0 (0/ 26)	
Se-75 (52) (0)		1.9E -1 ( -2.9 - 3.5)E 0 (0/ 26)	STJ	4.3E -1 ( -4.1 - 2.7)E 0 (0/ 26)	4.3E -1 ( -4.1 - 2.7)E 0 (0/ 26)	

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

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

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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 (52) (0)	15	2.5E -1 ( -5.1 - 3.9)E 0 (0/ 26)		LTW	2.5E -1 ( -5.1 - 3.9)E 0 (0/ 26)	-1.9E -1 ( -2.8 - 4.2)E 0 (0/ 26)
Zr-95 (52) (0)	30	-4.9E -1 ( -5.8 - 3.4)E 0 (0/ 26)		STJ	1.5E -1 ( -4.1 - 7.0)E 0 (0/ 26)	1.5E -1 ( -4.1 - 7.0)E 0 (0/ 26)
Ru-103 (52) (0)		-1.5E 0 ( -4.6 - 2.0)E 0 (0/ 26)		STJ	-1.4E 0 ( -4.4 - 1.7)E 0 (0/ 26)	-1.4E 0 ( -4.4 - 1.7)E 0 (0/ 26)
Ru-106 (52) (0)		-4.0E 0 ( -2.4 - 1.6)E 1 (0/ 26)		STJ	1.1E 0 ( -1.4 - 3.7)E 1 (0/ 26)	1.1E 0 ( -1.4 - 3.7)E 1 (0/ 26)
Ag-108m (52) (0)		-4.2E -2 ( -1.6 - 2.2)E 0 (0/ 26)		STJ	1.2E -1 ( -1.9 - 1.6)E 0 (0/ 26)	1.2E -1 ( -1.9 - 1.6)E 0 (0/ 26)
Ag-110m (52) (0)		-3.8E -1 ( -4.5 - 3.6)E 0 (0/ 26)		STJ	-1.5E -1 ( -3.1 - 2.2)E 0 (0/ 26)	-1.5E -1 ( -3.1 - 2.2)E 0 (0/ 26)
Sb-124 (52) (0)		-3.3E -1 ( -5.5 - 6.2)E 0 (0/ 26)		LTW	-3.3E -1 ( -5.5 - 6.2)E 0 (0/ 26)	-5.4E -1 ( -7.3 - 6.0)E 0 (0/ 26)
Sb-125 (52) (0)		-4.2E -1 ( -8.2 - 7.8)E 0 (0/ 26)		STJ	4.6E -1 ( -5.1 - 6.3)E 0 (0/ 26)	4.6E -1 ( -5.1 - 6.3)E 0 (0/ 26)
I-131 (52) (0)	1	2.6E -2 ( -1.9 - 3.8)E -1 (0/ 26)		LTW	2.6E -2 ( -1.9 - 3.8)E -1 (0/ 26)	6.2E -3 ( -3.2 - 5.8)E -1 (0/ 26)
Cs-134 (52) (0)	15	6.4E -1 ( -1.4 - 2.9)E 0 (0/ 26)		LTW	6.4E -1 ( -1.4 - 2.9)E 0 (0/ 26)	1.5E -1 ( -1.7 - 4.4)E 0 (0/ 26)
Cs-137 (52) (0)	18	-2.9E -1 ( -3.3 - 2.8)E 0 (0/ 26)		STJ	-2.0E -1 ( -3.4 - 1.9)E 0 (0/ 26)	-2.0E -1 ( -3.4 - 1.9)E 0 (0/ 26)
Ba-140 (52) (0)	60	6.2E -2 ( -6.8 - 7.0)E 0 (0/ 26)		STJ	1.5E 0 ( -7.3 - 11.9)E 0 (0/ 26)	1.5E 0 ( -7.3 - 11.9)E 0 (0/ 26)

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

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

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(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**	
La-140 (52) (0)	15	4.2E -2 ( -7.8 - 8.0)E 0 (0/ 26)	STJ	1.6E 0 ( -8.4 - 11.9)E 0 (0/ 26)	1.6E 0 ( -8.4 - 11.9)E 0 (0/ 26)	
Ce-141 (52) (0)		-5.0E -1 ( -6.9 - 3.9)E 0 (0/ 26)	STJ	6.1E -1 ( -5.2 - 8.1)E 0 (0/ 26)	6.1E -1 ( -5.2 - 8.1)E 0 (0/ 26)	
Ce-144 (52) (0)		1.5E -1 ( -1.6 - 1.6)E 1 (0/ 26)	STJ	3.7E 0 ( -1.5 - 2.1)E 1 (0/ 26)	3.7E 0 ( -1.5 - 2.1)E 1 (0/ 26)	
Th-232 (52) (0)		2.9E 0 ( -7.0 - 15.5)E 0 (1/ 26)	LTW	2.9E 0 ( -7.0 - 15.5)E 0 (1/ 26)	2.3E 0 ( -1.3 - 3.0)E 1 (1/ 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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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	3.9E 2 ( -1.3 - 9.5)E 2 (0/ 8)		SWL-2	4.2E 2 ( -7.0 - 95.0)E 1 (0/ 4)	NO DATA
Be-7 (22) (0)		3.9E 0 ( -9.0 - 15.0)E 0 (0/ 22)		SWL-2	4.4E 0 ( -7.9 - 14.7)E 0 (0/ 11)	NO DATA
K-40 (22) (0)		8.7E -1 ( -2.6 - 4.0)E 1 (0/ 22)		SWL-3	3.5E 0 ( -2.6 - 4.0)E 1 (0/ 11)	NO DATA
Cr-51 (22) (0)		-4.3E 0 ( -3.2 - 1.8)E 1 (0/ 22)		SWL-3	-2.4E 0 ( -2.1 - 1.8)E 1 (0/ 11)	NO DATA
Mn-54 (22) (0)	15	-2.6E -1 ( -2.5 - 2.0)E 0 (0/ 22)		SWL-2	-8.2E -2 ( -1.9 - 1.5)E 0 (0/ 11)	NO DATA
Co-57 (22) (0)		-3.6E -3 ( -1.5 - 1.6)E 0 (0/ 22)		SWL-2	2.0E -1 ( -7.6 - 15.8)E -1 (0/ 11)	NO DATA
Co-58 (22) (0)	15	-4.3E -1 ( -2.1 - 1.2)E 0 (0/ 22)		SWL-3	-2.2E -1 ( -1.5 - 1.2)E 0 (0/ 11)	NO DATA
Fe-59 (22) (0)	30	3.5E -1 ( -2.5 - 5.5)E 0 (0/ 22)		SWL-3	1.2E 0 ( -1.4 - 5.5)E 0 (0/ 11)	NO DATA
Co-60 (22) (0)	15	3.8E -2 ( -1.1 - 1.6)E 0 (0/ 22)		SWL-2	1.7E -1 ( -5.0 - 16.0)E -1 (0/ 11)	NO DATA
Zn-65 (22) (0)	30	-8.3E -1 ( -5.0 - 5.1)E 0 (0/ 22)		SWL-2	-8.1E -1 ( -5.0 - 5.1)E 0 (0/ 11)	NO DATA
Se-75 (22) (0)		-3.9E -1 ( -2.1 - 2.2)E 0 (0/ 22)		SWL-3	-2.2E -1 ( -2.1 - 2.2)E 0 (0/ 11)	NO DATA
Nb-95 (22) (0)	15	3.7E -1 ( -3.0 - 2.8)E 0 (0/ 22)		SWL-3	3.9E -1 ( -1.2 - 2.8)E 0 (0/ 11)	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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**
Zr-95 (22) (0)	30	3.8E -1 ( -2.0 - 3.7)E 0 (0/ 22)		SWL-3	6.5E -1 ( -2.0 - 3.5)E 0 (0/ 11)	NO DATA
Ru-103 (22) (0)		-1.3E 0 ( -4.1 - 0.3)E 0 (0/ 22)		SWL-3	-9.6E -1 ( -2.6 - 0.3)E 0 (0/ 11)	NO DATA
Ru-106 (22) (0)		1.5E 0 ( -1.5 - 2.0)E 1 (0/ 22)		SWL-3	4.1E 0 ( -9.3 - 20.0)E 0 (0/ 11)	NO DATA
Ag-108m (22) (0)		2.1E -1 ( -1.6 - 1.6)E 0 (0/ 22)		SWL-3	2.8E -1 ( -1.6 - 1.6)E 0 (0/ 11)	NO DATA
Ag-110m (22) (0)		-1.1E -1 ( -2.2 - 1.9)E 0 (0/ 22)		SWL-2	9.1E -4 ( -1.9 - 1.2)E 0 (0/ 11)	NO DATA
Sb-124 (22) (0)		-5.3E -1 ( -2.9 - 2.2)E 0 (0/ 22)		SWL-2	-2.0E -1 ( -2.9 - 2.2)E 0 (0/ 11)	NO DATA
Sb-125 (22) (0)		-4.0E -1 ( -4.5 - 3.2)E 0 (0/ 22)		SWL-3	9.1E -2 ( -3.0 - 3.2)E 0 (0/ 11)	NO DATA
I-131 (22) (0)	1	-1.5E 0 ( -1.4 - 1.2)E 1 (0/ 22)		SWL-2	-5.9E -1 ( -7.7 - 7.9)E 0 (0/ 11)	NO DATA
Cs-134 (22) (0)	15	3.8E -1 ( -2.2 - 2.6)E 0 (0/ 22)		SWL-3	6.5E -1 ( -9.8 - 26.0)E -1 (0/ 11)	NO DATA
Cs-137 (22) (0)	18	-6.5E -1 ( -2.8 - 0.9)E 0 (0/ 22)		SWL-2	-4.5E -1 ( -1.9 - 0.6)E 0 (0/ 11)	NO DATA
Ba-140 (22) (0)	60	9.1E -3 ( -6.6 - 6.4)E 0 (0/ 22)		SWL-2	4.5E -1 ( -4.5 - 6.4)E 0 (0/ 11)	NO DATA
La-140 (22) (0)	15	-1.4E -1 ( -7.5 - 6.5)E 0 (0/ 22)		SWL-2	2.7E -1 ( -5.2 - 6.4)E 0 (0/ 11)	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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(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**	
<b>Ce-141</b> (22) (0)		-6.9E -1 ( -6.9 - 4.2)E 0 (0/ 22)	SWL-3	-4.9E -1 ( -6.9 - 4.2)E 0 (0/ 11)		NO DATA
<b>Ce-144</b> (22) (0)		-5.0E -2 ( -1.2 - 0.7)E 1 (0/ 22)	SWL-2	6.2E -1 ( -9.1 - 7.4)E 0 (0/ 11)		NO DATA
<b>Th-232</b> (22) (0)		3.6E 0 ( -2.9 - 13.2)E 0 (0/ 22)	SWL-2	3.9E 0 ( -2.9 - 13.2)E 0 (0/ 11)		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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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)		8.5E 0 ( -1.1 - 6.0)E 1 (0/ 4)	SL-3	2.5E 1 ( -1.1 - 6.0)E 1 (0/ 2)		NO DATA
K-40 (4) (0)		7.3E 3 ( 7.0 - 7.8)E 3 (4/ 4)	SL-2	7.6E 3 ( 7.4 - 7.8)E 3 (2/ 2)		NO DATA
Cr-51 (4) (0)		-3.4E 1 ( -8.8 - 1.4)E 1 (0/ 4)	SL-3	-3.1E 1 ( -3.9 - -2.3)E 1 (0/ 2)		NO DATA
Mn-54 (4) (0)		4.0E 0 ( -4.0 - 8.2)E 0 (0/ 4)	SL-3	6.5E 0 ( 4.9 - 8.2)E 0 (0/ 2)		NO DATA
Co-57 (4) (0)		9.5E -1 ( -1.9 - 3.5)E 0 (0/ 4)	SL-2	1.1E 0 ( -5.0 - 27.0)E -1 (0/ 2)		NO DATA
Co-58 (4) (0)		-3.5E 0 ( -1.4 - 0.2)E 1 (0/ 4)	SL-3	-1.2E 0 ( -4.0 - 1.6)E 0 (0/ 2)		NO DATA
Fe-59 (4) (0)		-4.8E 0 ( -1.9 - 1.9)E 1 (0/ 4)	SL-3	4.5E 0 ( -1.0 - 1.9)E 1 (0/ 2)		NO DATA
Co-60 (4) (0)		-1.7E 0 ( -7.4 - 8.3)E 0 (0/ 4)	SL-2	4.5E -1 ( -7.4 - 8.3)E 0 (0/ 2)		NO DATA
Zn-65 (4) (0)		-1.6E 1 ( -7.1 - 3.5)E 1 (0/ 4)	SL-2	-1.4E 1 ( -2.0 - -0.8)E 1 (0/ 2)		NO DATA
Se-75 (4) (0)		9.8E -1 ( -2.0 - 3.9)E 0 (0/ 4)	SL-2	3.0E 0 ( 2.0 - 3.9)E 0 (0/ 2)		NO DATA
Nb-95 (4) (0)		-1.1E 1 ( -2.4 - -0.1)E 1 (0/ 4)	SL-2	-5.9E 0 ( -1.1 - -0.1)E 1 (0/ 2)		NO DATA
Zr-95 (4) (0)		-3.0E 0 ( -1.6 - 0.7)E 1 (0/ 4)	SL-3	4.1E 0 ( 1.0 - 7.2)E 0 (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 parentheses.



Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**
Ru-103 (4) (0)		-3.9E 0 ( -1.8 - 0.8)E 1 (0/ 4)		SL-2	3.7E 0 ( -1.0 - 8.3)E 0 (0/ 2)	NO DATA
Ru-106 (4) (0)		-5.3E 0 ( -9.0 - 4.6)E 1 (0/ 4)		SL-2	1.2E 1 ( -9.0 - 32.0)E 0 (0/ 2)	NO DATA
Ag-108m (4) (0)		-3.4E 0 ( -5.8 - 0.0)E 0 (0/ 4)		SL-2	-2.5E 0 ( -5.0 - 0.0)E 0 (0/ 2)	NO DATA
Ag-110m (4) (0)		4.2E 0 ( 2.5 - 5.8)E 0 (0/ 4)		SL-2	4.2E 0 ( 2.5 - 5.8)E 0 (0/ 2)	NO DATA
Sb-124 (4) (0)		6.7E 0 ( -4.2 - 21.0)E 0 (0/ 4)		SL-3	1.5E 1 ( 9.8 - 21.0)E 0 (0/ 2)	NO DATA
Sb-125 (4) (0)		-1.4E 1 ( -4.4 - 0.7)E 1 (0/ 4)		SL-2	-7.5E 0 ( -2.2 - 0.7)E 1 (0/ 2)	NO DATA
I-131 (4) (0)		5.6E 0 ( -1.4 - 2.4)E 1 (0/ 4)		SL-2	6.3E 0 ( 5.4 - 7.1)E 0 (0/ 2)	NO DATA
Cs-134 (4) (0)	150	-8.7E 0 ( -3.2 - 0.3)E 1 (0/ 4)		SL-2	-2.9E 0 ( -5.3 - -0.6)E 0 (0/ 2)	NO DATA
Cs-137 (4) (0)	180	-5.5E -1 ( -1.5 - 1.2)E 1 (0/ 4)		SL-2	4.0E -1 ( -2.0 - 10.0)E -1 (0/ 2)	NO DATA
Ba-140 (4) (0)		-2.4E 1 ( -6.1 - 0.5)E 1 (0/ 4)		SL-2	-1.1E 1 ( -2.6 - 0.5)E 1 (0/ 2)	NO DATA
La-140 (4) (0)		-9.5E 0 ( -4.0 - 1.3)E 1 (0/ 4)		SL-2	1.0E 0 ( -1.1 - 1.3)E 1 (0/ 2)	NO DATA
Ce-141 (4) (0)		-1.6E 1 ( -6.0 - 0.9)E 1 (0/ 4)		SL-2	-1.8E 0 ( -1.3 - 0.9)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**
<b>Ce-144</b>	(4) (0)	8.0E 0 ( -2.1 - 4.3)E 1 (0/ 4)		SL-3	1.1E 1 ( -2.1 - 4.3)E 1 (0/ 2)	NO DATA
<b>Th-232</b>	(4) (0)	1.2E 2 ( 5.1 - 21.4)E 1 (2/ 4)		SL-3	1.3E 2 ( 5.1 - 21.4)E 1 (1/ 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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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 (77) (0)		-2.1E 0 ( -4.5 - 3.2)E 1 (0/ 51)	LF	3.1E -1 ( -2.4 - 2.0)E 1 (0/ 26)	3.1E -1 ( -2.4 - 2.0)E 1 (0/ 26)
K-40 (77) (0)		1.6E 3 ( 1.1 - 2.2)E 3 (51/ 51)	MR	1.9E 3 ( 1.5 - 2.2)E 3 (25/ 25)	1.4E 3 ( 1.3 - 1.5)E 3 (26/ 26)
Cr-51 (77) (0)		2.0E 0 ( -6.2 - 4.7)E 1 (0/ 51)	MR	8.5E 0 ( -1.5 - 4.7)E 1 (0/ 25)	2.8E 0 ( -3.2 - 2.9)E 1 (0/ 26)
Mn-54 (77) (0)		3.7E -1 ( -4.5 - 6.4)E 0 (0/ 51)	MR	4.4E -1 ( -4.5 - 6.4)E 0 (0/ 25)	8.8E -2 ( -5.4 - 5.1)E 0 (0/ 26)
Co-57 (77) (0)		5.5E -2 ( -2.6 - 3.3)E 0 (0/ 51)	MR	9.1E -2 ( -1.9 - 2.4)E 0 (0/ 25)	3.4E -2 ( -4.9 - 4.8)E 0 (0/ 26)
Co-58 (77) (0)		-6.4E -1 ( -4.7 - 2.9)E 0 (0/ 51)	LF	-5.7E -1 ( -5.5 - 4.5)E 0 (0/ 26)	-5.7E -1 ( -5.5 - 4.5)E 0 (0/ 26)
Fe-59 (77) (0)		4.8E -1 ( -7.7 - 8.5)E 0 (0/ 51)	SF	1.6E 0 ( -7.7 - 8.5)E 0 (0/ 26)	-3.4E -1 ( -6.0 - 5.5)E 0 (0/ 26)
Co-60 (77) (0)		-3.9E -3 ( -4.8 - 7.1)E 0 (0/ 51)	SF	4.6E -2 ( -4.8 - 2.8)E 0 (0/ 26)	-4.1E -1 ( -6.9 - 4.0)E 0 (0/ 26)
Zn-65 (77) (0)		-1.6E 0 ( -1.2 - 0.9)E 1 (0/ 51)	LF	-1.1E 0 ( -1.4 - 0.9)E 1 (0/ 26)	-1.1E 0 ( -1.4 - 0.9)E 1 (0/ 26)
Se-75 (77) (0)		-1.7E -1 ( -4.6 - 3.8)E 0 (0/ 51)	LF	1.0E -1 ( -6.8 - 3.8)E 0 (0/ 26)	1.0E -1 ( -6.8 - 3.8)E 0 (0/ 26)
Nb-95 (77) (0)		5.5E -1 ( -4.0 - 8.5)E 0 (0/ 51)	SF	7.1E -1 ( -4.0 - 8.5)E 0 (0/ 26)	-3.1E -1 ( -3.9 - 3.3)E 0 (0/ 26)
Zr-95 (77) (0)		2.8E -1 ( -9.0 - 7.1)E 0 (0/ 51)	SF	5.3E -1 ( -7.7 - 7.1)E 0 (0/ 26)	-1.4E 0 ( -9.8 - 6.8)E 0 (0/ 26)

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

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

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**	
Ru-103 (77) (0)		-1.0E 0 ( -6.1 - 5.1)E 0 (0/ 51)		SF	-7.1E -1 ( -5.9 - 5.1)E 0 (0/ 26)		-1.1E 0 ( -5.1 - 3.1)E 0 (0/ 26)
Ru-106 (77) (0)		-7.2E -1 ( -5.3 - 5.5)E 1 (0/ 51)		MR	2.2E -1 ( -5.3 - 5.5)E 1 (0/ 25)		-4.5E 0 ( -3.7 - 2.1)E 1 (0/ 26)
Ag-108m (77) (0)		4.1E -1 ( -2.3 - 3.7)E 0 (0/ 51)		MR	4.8E -1 ( -2.3 - 3.0)E 0 (0/ 25)		-7.7E -4 ( -3.0 - 4.8)E 0 (0/ 26)
Ag-110m (77) (0)		9.4E -2 ( -5.8 - 5.7)E 0 (0/ 51)		SF	4.7E -1 ( -3.1 - 5.7)E 0 (0/ 26)		-7.8E -1 ( -7.0 - 6.3)E 0 (0/ 26)
Sb-124 (77) (0)		-1.5E 0 ( -1.1 - 0.8)E 1 (0/ 51)		LF	-1.0E -1 ( -8.1 - 7.8)E 0 (0/ 26)		-1.0E -1 ( -8.1 - 7.8)E 0 (0/ 26)
Sb-125 (77) (0)		-1.4E 0 ( -1.4 - 0.8)E 1 (0/ 51)		LF	-2.8E -1 ( -8.4 - 10.9)E 0 (0/ 26)		-2.8E -1 ( -8.4 - 10.9)E 0 (0/ 26)
I-131 (77) (0)	1	1.7E -2 ( -1.5 - 4.9)E -1 (0/ 51)		MR	3.0E -2 ( -1.5 - 4.9)E -1 (0/ 25)		2.7E -2 ( -1.5 - 3.4)E -1 (0/ 26)
Cs-134 (77) (0)	15	1.1E -1 ( -4.6 - 6.6)E 0 (0/ 51)		SF	9.8E -1 ( -2.8 - 6.6)E 0 (0/ 26)		6.2E -1 ( -4.6 - 3.4)E 0 (0/ 26)
Cs-137 (77) (0)	18	-1.4E -2 ( -4.9 - 6.5)E 0 (0/ 51)		SF	3.1E -2 ( -3.7 - 4.3)E 0 (0/ 26)		-6.8E -1 ( -3.8 - 1.9)E 0 (0/ 26)
Ba-140 (77) (0)	60	9.5E -1 ( -6.9 - 8.0)E 0 (0/ 51)		MR	1.0E 0 ( -3.2 - 7.4)E 0 (0/ 25)		-2.7E -1 ( -6.7 - 5.5)E 0 (0/ 26)
La-140 (77) (0)	15	1.0E 0 ( -8.0 - 8.5)E 0 (0/ 51)		MR	1.1E 0 ( -3.7 - 8.5)E 0 (0/ 25)		-2.5E -1 ( -6.7 - 6.3)E 0 (0/ 26)
Ce-141 (77) (0)		1.1E -1 ( -1.0 - 0.8)E 1 (0/ 51)		MR	5.0E -1 ( -8.8 - 7.6)E 0 (0/ 25)		-1.2E -2 ( -9.5 - 6.8)E 0 (0/ 26)

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

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

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(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 (77) (0)		-1.4E 0 ( -2.5 - 2.1)E 1 (0/ 51)	SF	4.7E -1 ( -2.4 - 2.0)E 1 (0/ 26)	-8.9E -1 ( -1.7 - 2.4)E 1 (0/ 26)
Th-232 (77) (0)		-6.6E -1 ( -2.3 - 2.1)E 1 (0/ 51)	LF	3.6E 0 ( -1.3 - 1.3)E 1 (0/ 26)	3.6E 0 ( -1.3 - 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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(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**	Station	Mean Range No. Detected**	Station
Be-7 (2) (0)		5.4E 1 (0/ 1)	OFS-G	1.2E 2 (0/ 1)	OFS-G	1.2E 2 (0/ 1)	OFS-G
K-40 (2) (0)		1.7E 3 (1/ 1)	OFS-G	2.7E 3 (1/ 1)	OFS-G	2.7E 3 (1/ 1)	OFS-G
Cr-51 (2) (0)		-2.3E 1 (0/ 1)	OFS-G	4.4E 1 (0/ 1)	OFS-G	4.4E 1 (0/ 1)	OFS-G
Mn-54 (2) (0)		-1.1E 1 (0/ 1)	OFS-G	1.6E 0 (0/ 1)	OFS-G	1.6E 0 (0/ 1)	OFS-G
Co-57 (2) (0)		1.8E 0 (0/ 1)	ONS-G	1.8E 0 (0/ 1)	ONS-G	-2.2E 0 (0/ 1)	ONS-G
Co-58 (2) (0)		0.0E 0 (0/ 1)	OFS-G	2.9E 0 (0/ 1)	OFS-G	2.9E 0 (0/ 1)	OFS-G
Fe-59 (2) (0)		-1.2E 1 (0/ 1)	ONS-G	-1.2E 1 (0/ 1)	ONS-G	-2.3E 1 (0/ 1)	ONS-G
Co-60 (2) (0)		-7.0E 0 (0/ 1)	OFS-G	-1.2E 0 (0/ 1)	OFS-G	-1.2E 0 (0/ 1)	OFS-G
Zn-65 (2) (0)		-1.3E 1 (0/ 1)	ONS-G	-1.3E 1 (0/ 1)	ONS-G	-3.8E 1 (0/ 1)	ONS-G
Se-75 (2) (0)		-1.5E 1 (0/ 1)	OFS-G	4.9E 0 (0/ 1)	OFS-G	4.9E 0 (0/ 1)	OFS-G
Nb-95 (2) (0)		-6.1E 0 (0/ 1)	OFS-G	1.1E 1 (0/ 1)	OFS-G	1.1E 1 (0/ 1)	OFS-G
Zr-95 (2) (0)		-1.6E 1 (0/ 1)	OFS-G	7.0E 0 (0/ 1)	OFS-G	7.0E 0 (0/ 1)	OFS-G

\* 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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(continued)**

**MEDIUM: Food Products [Grapes] (TF)      UNITS: pCi/kq 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**	
Ru-103 (2) (0)		9.6E 0 (0/ 1)	ONS-G	9.6E 0 (0/ 1)		-7.6E 0 (0/ 1)
Ru-106 (2) (0)		4.7E 1 (0/ 1)	ONS-G	4.7E 1 (0/ 1)		2.5E 1 (0/ 1)
Ag-108m (2) (0)		-6.4E 0 (0/ 1)	OFS-G	1.5E 0 (0/ 1)		1.5E 0 (0/ 1)
Ag-110m (2) (0)		-2.4E 0 (0/ 1)	OFS-G	4.1E 0 (0/ 1)		4.1E 0 (0/ 1)
Sb-124 (2) (0)		-1.7E 1 (0/ 1)	OFS-G	-1.5E 1 (0/ 1)		-1.5E 1 (0/ 1)
Sb-125 (2) (0)		-3.0E 0 (0/ 1)	OFS-G	1.8E 1 (0/ 1)		1.8E 1 (0/ 1)
I-131 (2) (0)	60	-5.9E 0 (0/ 1)	OFS-G	-5.1E 0 (0/ 1)		-5.1E 0 (0/ 1)
Cs-134 (2) (0)	60	9.4E 0 (0/ 1)	ONS-G	9.4E 0 (0/ 1)		9.0E 0 (0/ 1)
Cs-137 (2) (0)	60	-6.7E 0 (0/ 1)	OFS-G	1.1E 0 (0/ 1)		1.1E 0 (0/ 1)
Ba-140 (2) (0)		1.6E 1 (0/ 1)	OFS-G	2.0E 1 (0/ 1)		2.0E 1 (0/ 1)
La-140 (2) (0)		1.9E 1 (0/ 1)	OFS-G	2.3E 1 (0/ 1)		2.3E 1 (0/ 1)
Ce-141 (2) (0)		4.1E 0 (0/ 1)	ONS-G	4.1E 0 (0/ 1)		-6.8E 0 (0/ 1)

\* 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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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 (2) (0)		-1.2E 1 (0/ 1)		ONS-G	-1.2E 1 (0/ 1)		-2.1E 1 (0/ 1)
Th-232 (2) (0)		-5.0E 0 (0/ 1)		OFS-G	3.8E 1 (0/ 1)		3.8E 1 (0/ 1)

\* 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 parentheses.



Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(continued)**

**MEDIUM: Vegetation [Broadleaf] (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**	Station	Mean Range No. Detected**	Station
Be-7 (20) (0)		1.5E 3 ( 2.6 - 39.1)E 2 (13/ 15)	Sector J	1.5E 3 ( 2.6 - 39.1)E 2 (13/ 15)	Sector J	1.2E 3 ( 6.7 - 15.9)E 2 (5/ 5)	
K-40 (20) (0)		2.6E 3 ( 1.6 - 4.5)E 3 (15/ 15)	Sector K	3.9E 3 ( 2.9 - 6.0)E 3 (5/ 5)	Sector K	3.9E 3 ( 2.9 - 6.0)E 3 (5/ 5)	
Cr-51 (20) (0)		4.7E -1 ( -3.0 - 1.8)E 2 (0/ 15)	Sector K	3.5E 1 ( -1.2 - 2.0)E 2 (0/ 5)	Sector K	3.5E 1 ( -1.2 - 2.0)E 2 (0/ 5)	
Mn-54 (20) (0)		2.0E -1 ( -1.5 - 2.0)E 1 (0/ 15)	Sector K	4.8E 0 ( -1.3 - 1.4)E 1 (0/ 5)	Sector K	4.8E 0 ( -1.3 - 1.4)E 1 (0/ 5)	
Co-57 (20) (0)		1.1E -1 ( -8.4 - 11.3)E 0 (0/ 15)	Sector K	3.3E 0 ( -2.9 - 6.4)E 0 (0/ 5)	Sector K	3.3E 0 ( -2.9 - 6.4)E 0 (0/ 5)	
Co-58 (20) (0)		-3.9E 0 ( -2.4 - 1.8)E 1 (0/ 15)	Sector K	5.8E 0 ( -1.0 - 2.3)E 1 (0/ 5)	Sector K	5.8E 0 ( -1.0 - 2.3)E 1 (0/ 5)	
Fe-59 (20) (0)		-8.7E 0 ( -4.8 - 4.2)E 1 (0/ 15)	Sector K	-6.6E 0 ( -3.4 - 2.6)E 1 (0/ 5)	Sector K	-6.6E 0 ( -3.4 - 2.6)E 1 (0/ 5)	
Co-60 (20) (0)		-3.8E 0 ( -1.9 - 1.6)E 1 (0/ 15)	Sector K	2.2E 0 ( -1.7 - 3.1)E 1 (0/ 5)	Sector K	2.2E 0 ( -1.7 - 3.1)E 1 (0/ 5)	
Zn-65 (20) (0)		-4.7E 0 ( -7.5 - 3.9)E 1 (0/ 15)	Sector J	-4.7E 0 ( -7.5 - 3.9)E 1 (0/ 15)	Sector J	-1.1E 1 ( -4.6 - 3.6)E 1 (0/ 5)	
Se-75 (20) (0)		1.6E 0 ( -2.9 - 1.9)E 1 (0/ 15)	Sector K	5.1E 0 ( -1.3 - 2.5)E 1 (0/ 5)	Sector K	5.1E 0 ( -1.3 - 2.5)E 1 (0/ 5)	
Nb-95 (20) (0)		-4.7E -1 ( -5.8 - 2.5)E 1 (0/ 15)	Sector K	8.0E 0 ( -7.0 - 20.0)E 0 (0/ 5)	Sector K	8.0E 0 ( -7.0 - 20.0)E 0 (0/ 5)	
Zr-95 (20) (0)		-4.0E -1 ( -7.4 - 5.4)E 1 (0/ 15)	Sector J	-4.0E -1 ( -7.4 - 5.4)E 1 (0/ 15)	Sector J	-1.1E 1 ( -4.0 - 0.6)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(continued)**

MEDIUM: Vegetation [Broadleaf] (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**	
Ru-103 (20) (0)		-2.9E 0 ( -2.0 - 1.3)E 1 (0/ 15)	Sector K	4.6E 0 ( -1.3 - 3.7)E 1 (0/ 5)	4.6E 0 ( -1.3 - 3.7)E 1 (0/ 5)	
Ru-106 (20) (0)		-3.9E 0 ( -2.5 - 1.7)E 2 (0/ 15)	Sector J	-3.9E 0 ( -2.5 - 1.7)E 2 (0/ 15)	-2.4E 1 ( -2.2 - 0.7)E 2 (0/ 5)	
Ag-108m (20) (0)		4.9E -1 ( -1.6 - 2.4)E 1 (0/ 15)	Sector K	1.7E 0 ( -1.2 - 1.4)E 1 (0/ 5)	1.7E 0 ( -1.2 - 1.4)E 1 (0/ 5)	
Ag-110m (20) (0)		2.1E 0 ( -2.1 - 3.6)E 1 (0/ 15)	Sector K	6.6E 0 ( -1.0 - 13.0)E 0 (0/ 5)	6.6E 0 ( -1.0 - 13.0)E 0 (0/ 5)	
Sb-124 (20) (0)		-7.0E 0 ( -5.5 - 2.5)E 1 (0/ 15)	Sector J	-7.0E 0 ( -5.5 - 2.5)E 1 (0/ 15)	-1.3E 1 ( -5.0 - 0.0)E 1 (0/ 5)	
Sb-125 (20) (0)		-4.8E 0 ( -6.6 - 4.7)E 1 (0/ 15)	Sector K	3.6E 0 ( -1.8 - 5.9)E 1 (0/ 5)	3.6E 0 ( -1.8 - 5.9)E 1 (0/ 5)	
I-131 (20) (0)	60	1.2E 0 ( -1.0 - 1.8)E 1 (0/ 15)	Sector J	1.2E 0 ( -1.0 - 1.8)E 1 (0/ 15)	-4.9E 0 ( -1.4 - 0.1)E 1 (0/ 5)	
Cs-134 (20) (0)	60	3.4E 0 ( -2.7 - 4.2)E 1 (0/ 15)	Sector K	3.8E 0 ( -4.0 - 18.0)E 0 (0/ 5)	3.8E 0 ( -4.0 - 18.0)E 0 (0/ 5)	
Cs-137 (20) (0)	60	2.6E 1 ( -2.0 - 22.9)E 1 (2/ 15)	Sector J	2.6E 1 ( -2.0 - 22.9)E 1 (2/ 15)	-2.2E 0 ( -2.5 - 1.1)E 1 (0/ 5)	
Ba-140 (20) (0)		1.4E 1 ( -4.1 - 16.0)E 1 (0/ 15)	Sector J	1.4E 1 ( -4.1 - 16.0)E 1 (0/ 15)	1.2E 1 ( -3.3 - 5.9)E 1 (0/ 5)	
La-140 (20) (0)		1.6E 1 ( -4.7 - 18.0)E 1 (0/ 15)	Sector J	1.6E 1 ( -4.7 - 18.0)E 1 (0/ 15)	1.3E 1 ( -3.8 - 6.8)E 1 (0/ 5)	
Ce-141 (20) (0)		-1.3E 1 ( -1.2 - 0.3)E 2 (0/ 15)	Sector K	-4.6E 0 ( -3.2 - 1.8)E 1 (0/ 5)	-4.6E 0 ( -3.2 - 1.8)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary  
Indiana Michigan Power Company, Donald C. Cook Nuclear Plant  
(January – December 2007)  
(continued)**

**MEDIUM: Vegetation [Broadleaf] (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 - 0.7)E 2 (0/ 15)	Sector J	-1.9E 0 ( -1.1 - 0.7)E 2 (0/ 15)	-1.7E 1 ( -5.6 - 1.5)E 1 (0/ 5)		
<b>Th-232</b> (20) (0)		5.2E 0 ( -9.4 - 8.2)E 1 (0/ 15)	Sector J	5.2E 0 ( -9.4 - 8.2)E 1 (0/ 15)	3.4E 0 ( -6.2 - 6.9)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**	Station	Mean Range No. Detected**	Station
Be-7 (9) (0)		1.4E 1 ( -1.3 - 2.9)E 2 (1/ 5)	OFS-S	1.0E 2 ( 9.0 - 11.4)E 1 (0/ 2)		7.0E 1 ( -4.8 - 12.2)E 1 (0/ 4)	
K-40 (9) (0)		2.5E 3 ( 1.9 - 3.1)E 3 (5/ 5)	OFS-N	3.2E 3 ( 2.9 - 3.5)E 3 (2/ 2)		3.1E 3 ( 2.6 - 3.5)E 3 (4/ 4)	
Cr-51 (9) (0)		-4.5E 1 ( -2.3 - 1.4)E 2 (0/ 5)	OFS-N	6.0E 1 ( 1.0 - 11.0)E 1 (0/ 2)		2.0E 1 ( -1.3 - 1.1)E 2 (0/ 4)	
Mn-54 (9) (0)	130	7.4E -1 ( -1.1 - 1.7)E 1 (0/ 5)	OFS-S	3.7E 0 ( 3.6 - 3.7)E 0 (0/ 2)		-1.8E 0 ( -1.3 - 0.4)E 1 (0/ 4)	
Co-57 (9) (0)		-2.8E 0 ( -1.4 - 0.5)E 1 (0/ 5)	OFS-S	5.0E -2 ( -6.3 - 6.4)E 0 (0/ 2)		-4.1E 0 ( -1.6 - 0.6)E 1 (0/ 4)	
Co-58 (9) (0)	130	4.0E -2 ( -1.9 - 1.9)E 1 (0/ 5)	OFS-N	1.6E 1 ( 8.0 - 24.0)E 0 (0/ 2)		1.3E 1 ( 6.2 - 24.0)E 0 (0/ 4)	
Fe-59 (9) (0)	260	5.8E 0 ( -2.2 - 2.0)E 1 (0/ 5)	ONS-S	1.5E 1 ( 9.0 - 20.0)E 0 (0/ 2)		-2.2E 1 ( -3.8 - 0.5)E 1 (0/ 4)	
Co-60 (9) (0)	130	-7.8E 0 ( -2.1 - 0.5)E 1 (0/ 5)	OFS-S	3.0E 0 ( -8.0 - 14.0)E 0 (0/ 2)		-2.0E -1 ( -1.1 - 1.4)E 1 (0/ 4)	
Zn-65 (9) (0)	260	-1.1E 1 ( -3.0 - 0.0)E 1 (0/ 5)	OFS-N	-3.0E 0 ( -6.0 - 0.0)E 0 (0/ 2)		-1.3E 1 ( -2.6 - 0.0)E 1 (0/ 4)	
Se-75 (9) (0)		3.2E 0 ( -1.8 - 3.9)E 1 (0/ 5)	ONS-N	5.0E 0 ( -1.8 - 3.9)E 1 (0/ 3)		-3.5E 0 ( -1.6 - 0.8)E 1 (0/ 4)	
Nb-95 (9) (0)		1.1E 1 ( 0.0 - 2.7)E 1 (0/ 5)	ONS-S	1.3E 1 ( 5.0 - 21.0)E 0 (0/ 2)		-3.3E 0 ( -7.0 - 5.0)E 0 (0/ 4)	
Zr-95 (9) (0)		2.6E 0 ( -2.9 - 5.7)E 1 (0/ 5)	ONS-N	1.1E 1 ( -1.4 - 5.7)E 1 (0/ 3)		-1.0E 1 ( -2.6 - 1.2)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**	Station	Mean Range No. Detected**	Station
Ru-103 (9) (0)		-8.2E 0 ( -2.6 - 0.6)E 1 (0/ 5)	OFS-N	4.5E 0 ( -5.0 - 14.0)E 0 (0/ 2)		-1.8E 0 ( -1.6 - 1.4)E 1 (0/ 4)	
Ru-106 (9) (0)		-1.2E 2 ( -1.7 - -0.1)E 2 (0/ 5)	OFS-N	-4.6E 1 ( -1.1 - 0.2)E 2 (0/ 2)		-5.3E 1 ( -2.3 - 1.1)E 2 (0/ 4)	
Ag-108m (9) (0)		-5.9E 0 ( -1.2 - -0.2)E 1 (0/ 5)	OFS-S	7.2E 0 ( 7.0 - 7.4)E 0 (0/ 2)		2.0E 0 ( -6.6 - 7.4)E 0 (0/ 4)	
Ag-110m (9) (0)		1.8E 0 ( -1.1 - 1.3)E 1 (0/ 5)	OFS-N	7.0E 0 ( -9.0 - 23.0)E 0 (0/ 2)		2.5E -1 ( -1.6 - 2.3)E 1 (0/ 4)	
Sb-124 (9) (0)		-9.2E 0 ( -4.0 - 2.0)E 1 (0/ 5)	OFS-S	2.5E 0 ( 0.0 - 5.0)E 0 (0/ 2)		-5.3E 0 ( -3.9 - 1.3)E 1 (0/ 4)	
Sb-125 (9) (0)		-9.4E 0 ( -4.1 - 2.2)E 1 (0/ 5)	ONS-N	-2.0E 0 ( -3.1 - 2.2)E 1 (0/ 3)		-1.7E 1 ( -2.2 - -0.8)E 1 (0/ 4)	
I-131 (9) (0)		1.8E 1 ( -1.1 - 1.9)E 2 (0/ 5)	ONS-N	7.1E 1 ( -2.0 - 185.0)E 0 (0/ 3)		-4.4E 1 ( -1.4 - 0.8)E 2 (0/ 4)	
Cs-134 (9) (0)	130	4.2E 0 ( -1.1 - 1.4)E 1 (0/ 5)	ONS-N	8.4E 0 ( -1.9 - 14.0)E 0 (0/ 3)		-7.5E -1 ( -1.8 - 0.8)E 1 (0/ 4)	
Cs-137 (9) (0)	150	5.9E 0 ( -9.0 - 18.0)E 0 (0/ 5)	OFS-S	3.0E 1 ( 9.0 - 51.0)E 0 (1/ 2)		1.9E 1 ( -1.3 - 5.1)E 1 (1/ 4)	
Ba-140 (9) (0)		-3.7E 1 ( -9.1 - 2.6)E 1 (0/ 5)	OFS-S	-2.5E 0 ( -2.9 - 2.4)E 1 (0/ 2)		-4.0E 0 ( -5.0 - 3.9)E 1 (0/ 4)	
La-140 (9) (0)		-4.2E 1 ( -1.1 - 0.3)E 2 (0/ 5)	OFS-S	-3.0E 0 ( -3.3 - 2.7)E 1 (0/ 2)		-4.8E 0 ( -5.8 - 4.5)E 1 (0/ 4)	
Ce-141 (9) (0)		-9.4E 0 ( -2.6 - 0.8)E 1 (0/ 5)	ONS-N	6.7E -1 ( -1.2 - 0.8)E 1 (0/ 3)		-1.0E 1 ( -2.4 - -0.1)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 parentheses.

Table 3.1

**Radiological Environmental Monitoring Program Summary**  
**Indiana Michigan Power Company, Donald C. Cook Nuclear Plant**  
**(January – December 2007)**  
**(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**
Ce-144	(9)	2.6E 1	ONS-N	3.8E 1	1.8E 1
	(0)	( -9.0 - 66.0)E 0 (0/ 5)		( 0.0 - 6.6)E 1 (0/ 3)	( -1.0 - 3.7)E 1 (0/ 4)
Th-232	(9)	1.7E 1	ONS-N	4.1E 1	-2.0E 1
	(0)	( -4.2 - 12.0)E 1 (0/ 5)		( -1.5 - 12.0)E 1 (0/ 3)	( -4.6 - 2.6)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 parentheses.

**Table 3.2**  
**2007**  
**Environmental TLD Exposure Rate Measurements**

( $\mu$ R/hr)

	<b>Indicator TLDs</b>	<b>Control TLDs</b>	<b>Highest Mean (SBN)</b>
<b>Mean</b>	5.1 $\pm$ 0.4	5.7 $\pm$ 0.7	6.9 $\pm$ 0.3
<b>Range</b>	4.4 - 6.1	4.5 - 7.2	6.0-7.8
<b>No. of Measurements*</b>	48	60	4

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

**Table 3.3**  
**2007**  
**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	5.4 $\pm$ 0.4	4.7 $\pm$ 0.2	5.5 $\pm$ 0.3	5.3 $\pm$ 0.5	5.3
T-02	4.9 $\pm$ 0.3	4.7 $\pm$ 0.3	5.4 $\pm$ 0.3	5.3 $\pm$ 0.5	5.0
T-03	4.7 $\pm$ 0.3	4.4 $\pm$ 0.2	5.2 $\pm$ 0.3	4.5 $\pm$ 0.2	4.7
T-04	5.5 $\pm$ 0.4	5.3 $\pm$ 0.2	5.8 $\pm$ 0.2	5.9 $\pm$ 0.3	5.6
T-05	5.0 $\pm$ 0.3	4.4 $\pm$ 0.3	5.2 $\pm$ 0.3	5.1 $\pm$ 0.4	4.9
T-06	5.1 $\pm$ 0.3	4.7 $\pm$ 0.2	5.7 $\pm$ 0.2	5.1 $\pm$ 0.2	5.1
T-07	4.9 $\pm$ 0.4	4.8 $\pm$ 0.2	5.8 $\pm$ 0.5	5.4 $\pm$ 0.3	5.2
T-08	5.5 $\pm$ 0.5	5.1 $\pm$ 0.3	5.7 $\pm$ 0.3	5.5 $\pm$ 0.4	5.4
T-09	4.6 $\pm$ 0.5	5.0 $\pm$ 0.5	5.3 $\pm$ 0.3	5.0 $\pm$ 0.3	5.0
T-10	4.9 $\pm$ 0.3	4.8 $\pm$ 0.3	5.6 $\pm$ 0.2	5.1 $\pm$ 0.3	5.1
T-11	4.6 $\pm$ 0.4	4.6 $\pm$ 0.5	6.1 $\pm$ 0.5	5.5 $\pm$ 0.4	5.2
T-12	5.0 $\pm$ 0.3	4.9 $\pm$ 0.2	5.6 $\pm$ 0.3	5.1 $\pm$ 0.3	5.1
NBF	5.5 $\pm$ 0.3	5.3 $\pm$ 0.5	5.8 $\pm$ 0.2	6.1 $\pm$ 0.3	5.7
SBN	6.7 $\pm$ 0.6	6.5 $\pm$ 0.4	7.2 $\pm$ 0.3	6.9 $\pm$ 0.5	6.8
DOW	4.7 $\pm$ 0.3	5.0 $\pm$ 0.3	5.2 $\pm$ 0.3	5.1 $\pm$ 0.3	5.0
COL	4.5 $\pm$ 0.4	4.5 $\pm$ 0.2	6.1 $\pm$ 0.8	5.1 $\pm$ 0.3	5.0
OFT-1	5.2 $\pm$ 0.4	4.7 $\pm$ 0.5	5.4 $\pm$ 0.3	5.0 $\pm$ 0.3	5.1
OFT-2	5.5 $\pm$ 0.4	4.7 $\pm$ 0.3	6.0 $\pm$ 0.4	5.2 $\pm$ 0.2	5.4
OFT-3	5.2 $\pm$ 0.4	5.6 $\pm$ 0.2	6.1 $\pm$ 0.3	5.3 $\pm$ 0.3	5.6
OFT-4	5.3 $\pm$ 0.3	5.3 $\pm$ 0.2	5.8 $\pm$ 0.2	6.1 $\pm$ 0.4	5.6
OFT-5	5.5 $\pm$ 0.3	5.4 $\pm$ 0.3	5.8 $\pm$ 0.3	5.6 $\pm$ 0.3	5.6
OFT-6	6.0 $\pm$ 0.4	6.5 $\pm$ 0.4	7.1 $\pm$ 0.3	6.8 $\pm$ 0.4	6.6
OFT-7	5.5 $\pm$ 0.5	5.2 $\pm$ 0.2	5.8 $\pm$ 0.4	5.4 $\pm$ 0.4	5.5
OFT-8	6.3 $\pm$ 0.3	5.8 $\pm$ 0.3	7.1 $\pm$ 0.5	6.7 $\pm$ 0.3	6.5
OFT-9	5.6 $\pm$ 0.4	5.5 $\pm$ 0.5	5.9 $\pm$ 0.3	5.9 $\pm$ 0.3	5.7
OFT-10	5.3 $\pm$ 0.3	5.2 $\pm$ 0.2	5.3 $\pm$ 0.3	5.1 $\pm$ 0.3	5.2
OFT-11	6.2 $\pm$ 0.5	5.7 $\pm$ 0.3	6.4 $\pm$ 0.3	6.5 $\pm$ 0.3	6.2



## 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 2007 sampling program:

1. 1/30/07 to 3/11/07 and 12/25/07: 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 samples at SWL-2 and SWL-3 was not performed.

This issue was documented using Data Sheet 1 (Documentation of Unavailable Samples) to 12-THP-6010-RPP-630. Actions to prevent reoccurrence of this issue are not practical at this time.

2. 1/01/07 to 12/31/07: 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 "Collection of REMP Surface Water Samples" 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 reoccurrence of this issue are not practical at this time.
3. 1/1/07 to 4/30/07 and 10/1/07 to 12/31/07: 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 reoccurrence of this issue were identified at this time.

4. On May 30, 2007, adequate air samples were not collected at sample locations ONS-2 and COL due to an Environmental Technician not restarting the pumps from the previous week. Though samples were collected, sample media was drastically reduced due to no air flow and, consequently, the required MDC was not achieved for these samples. AR 814141 was written and a Human Performance Apparent Cause Evaluation was performed.
5. The following interruptions occurred in air sampling due to power outages:
  - 07/10/07 – AC power loss to Air Station ONS-5 at approximately 1959. Thunderstorms were present at this time and are believed to be the cause of the power outage. Power was restored at 0818 on 07/11/07 (DC Cook Action Request (AR) 815937).
  - 07/19/07 – AC power loss to Air Station SBN at approximately 2300. Thunderstorms were present at this time and are believed to be the cause of the power outage. Power was restored at 0300 on 07/20/07 (AR 816475).
  - 08/05/07 – AC power loss to Air Station ONS-5 at approximately 0426. Thunderstorms were present at this time and are believed to be the cause of the power outage. Power was restored at 1146 on 08/06/07 (AR 816935).
  - 08/12/07 – AC power loss to Air Station ONS-5 at approximately 0855. Thunderstorms were present at this time and are believed to be the cause of the power outage. Power was restored at 1336 on 08/12/07 (AR 817193).
  - 08/24/07 – AC power loss to Air Station ONS-1 at an unknown time. Thunderstorms were present at this time and are believed to be the cause of the power outage. Power was restored on 08/25/07 (AR 821584) with an estimated total power outage of approximately 50 hours.
  - 09/26/07 – AC power loss to Air Station ONS-5 at approximately 1100. Thunderstorms were present at this time and are believed to be the cause of the power outage. Power was restored on 09/26/07 (AR 819694) at 2330.
  - 09/26/07 - 01/02/08 – The frequency for airborne particulate gamma composite was 98 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 step 3.5.2.a of OSD-001.

The reason for this occurrence is that air particulate samples are collected every 7 days by attachment 3.19 of OSD-001. The third quarter period of air sampling ended on September 26, 2007 and the fourth quarter period ended on January 2, 2008. This resulted in an extra 7 days for the gamma composite.

6. 12/26/2007: No milk sample collected from Monroe Milk Farm (MR). No milk was available due to the goats being "dried up". This did not affect the milk sampling program as it is considered suspended at this time (See #2 above.)

#### 4.2 Comparison of Achieved LLD with Requirements

Attachment 3.20 from the ODCM (Table 2.3 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).

- May 30, 2007: The required LLDs were not achieved for Gross-Beta air particulate and I-131 charcoal filter analyses for sample locations ONS-2 and COL due to low sample volume. This was due to the Environmental Technician not restarting the sample pump during the previous week's sample collection. AR 814141 was written and a Human Performance Apparent Cause Evaluation was performed.
- May 2, 2007: The required LLD was not achieved for La-140 in a milk sample collected from Livinghouse Farm due to inexperience of a newly trained laboratory technician. This occurrence was documented in AREVA Environmental Laboratory Condition Report 07-14 which detailed the issue identification and resolution. Actions taken to prevent recurrence included more extensive training of the laboratory technician on the issue.

#### 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 2007, no Reporting Levels were exceeded.

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

The 2007 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 2007. While gross beta concentrations were detectable on all but two 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 2007 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.

Also notable in the graph is a slight increase in gross beta air concentrations for December as compared to previous measurements. To investigate the source of the gross beta increase, both an indicator (ONS-3) and control station (SBN) particulate filter from the December collection period having the highest gross beta measurement were re-analyzed using a thin-window germanium detector that has a higher sensitivity for low energy photons. For comparison, air filters from the same two stations were selected from the late October collection period before the observed gross beta occurred and were similarly re-analyzed using this higher sensitivity detector. These analyses indicated photo peaks associated with the presence of naturally occurring Pb-210 and Th-234 in both sets of samples, with slight increases in the December filter samples as compared to the October filters. The original quarterly composite gamma analysis also indicated the presence of Be-7 in the samples. Additionally, a review of subsequent gross beta measurements since December showed a drop in the concentrations back to the normally observed range of 0.02 to 0.05 pCi/m<sup>3</sup>. This, along with the fact that the increase is seen in both indicator and control locations and that the gamma isotopic analyses did detect several naturally occurring radionuclides, but no plant-related radionuclides, leads to the conclusion that the increase in gross beta air concentration in December is part of

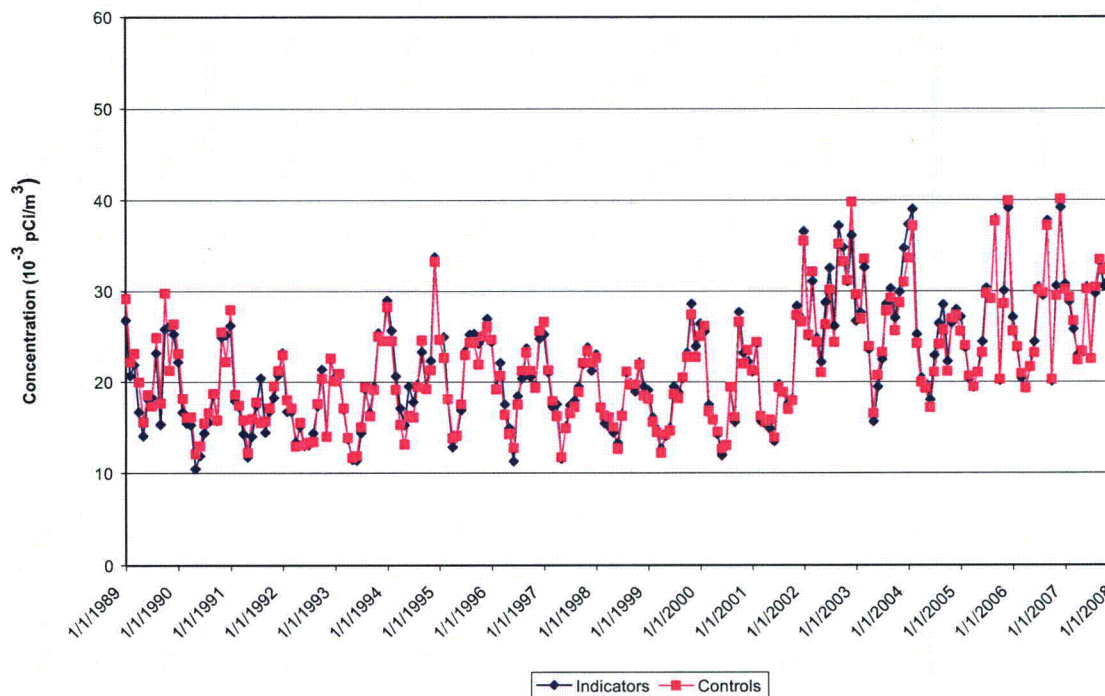
the normal region-wide environmental fluctuation associated with natural occurring activity and is not an effect of plant operations.

Results for gamma isotopic analysis performed on quarterly composites of the weekly particulate samples have been listed in Table 3.1 and indicate the presence of naturally occurring Be-7. The identification of Be-7 has been evaluated and its presence was attributed to production by cosmic processes. No additional gamma emitting nuclides, other than those naturally-occurring nuclides noted above, were identified in any of the samples collected in 2007.

In summary, the information detailed above was evaluated and found to be consistent with data obtained during the conduct of Donald C. Cook Nuclear Plant's "Pre-Operational Radiological Monitoring Program" (PRMP) [See Appendix E]. Also, as no significant difference was noted between the average monthly gross beta concentration at the indicator and the control stations and only the presence of a naturally occurring Be-7 was identified, the occurrences described above were not attributed to the operation of the Donald C. Cook Nuclear Plant.

Figure 4.1

AVERAGE MONTHLY GROSS BETA IN AIR PARTICULATES



#### 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 Donald C. Cook Nuclear Plant'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 eight samples 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 2007.

Tritium was detected at a concentration of 1,700 pCi/L in one groundwater well sample collected from station W-5 in October (AR 828305). This activity is believed to be the result of tritium recapture via precipitation of gaseous releases through containment exhaust and then pooling around site buildings. Tritium activity in these wells is being tracked by the Donald C. Cook tritium initiative team. Figures 4.2, 4.3 and 4.4 plot the tritium levels (both "detectable" and "non-detectable") for groundwater.

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of Donald C. Cook Nuclear Plant'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

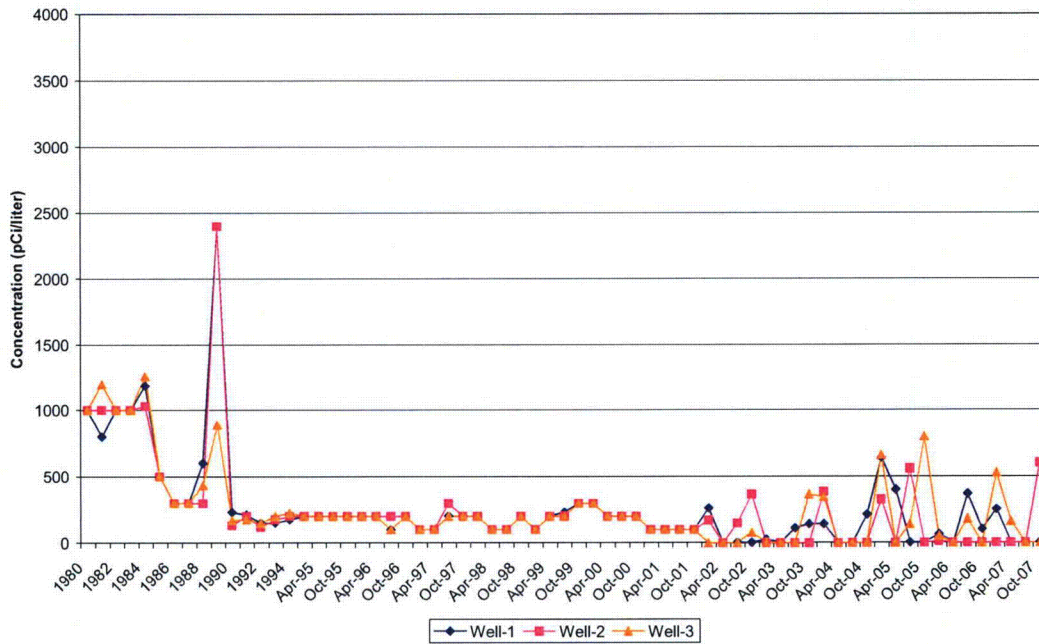


Figure 4.3

TRITIUM IN GROUNDWATER

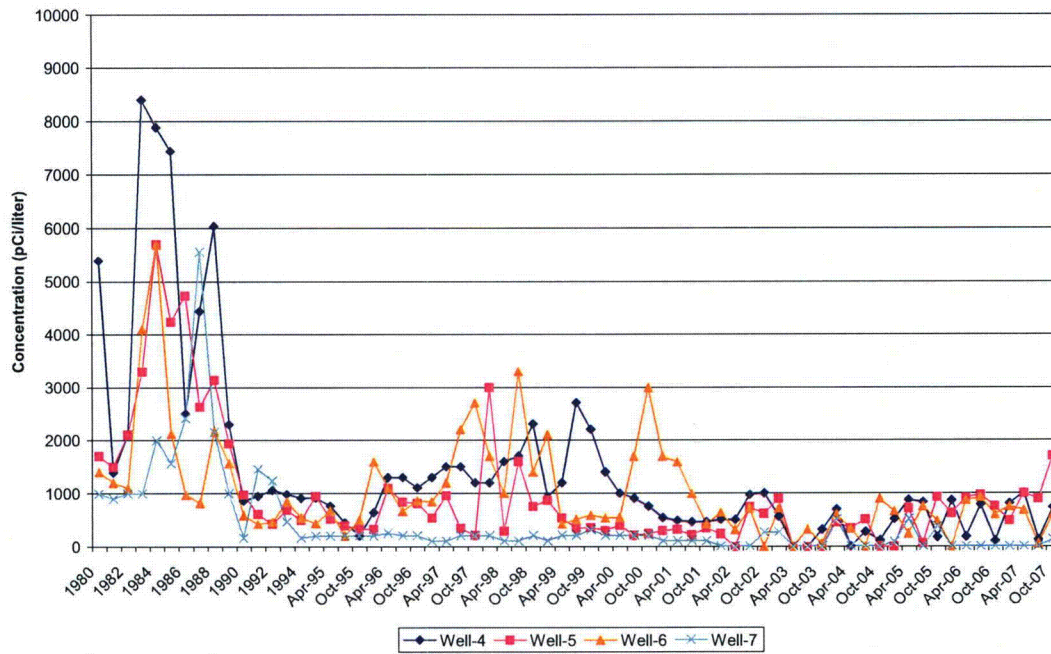
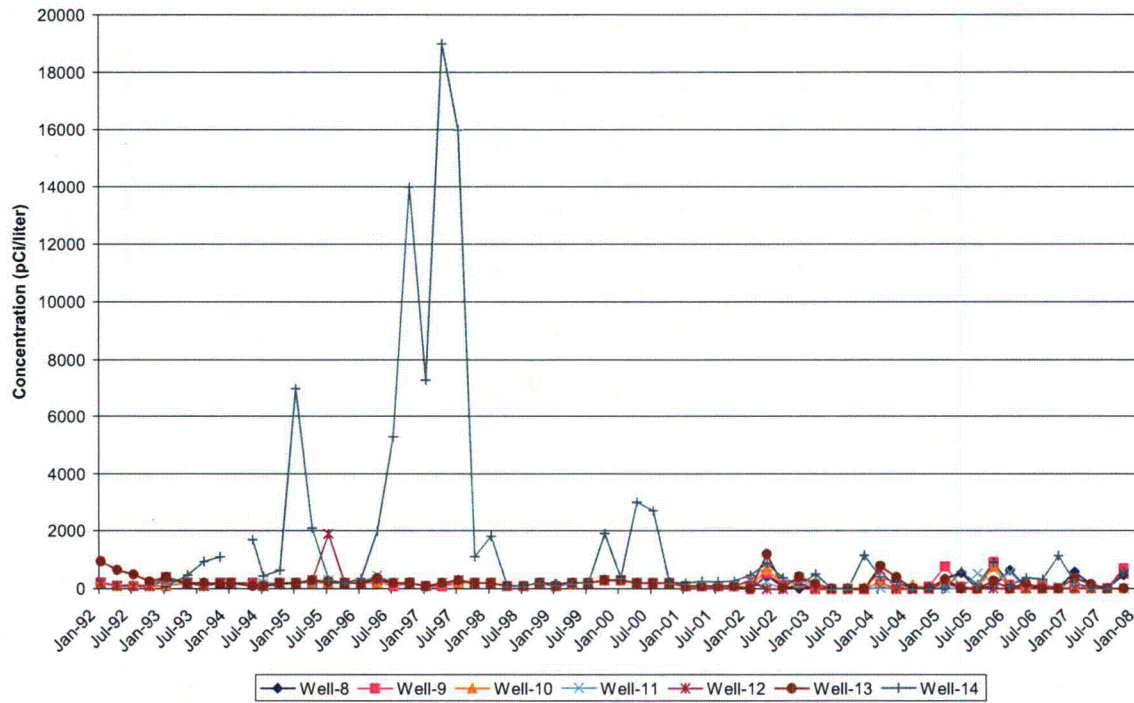


Figure 4.4

## 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.

During 2007, the presence of gross beta radioactivity was identified in 13 indicator and 13 control samples, with activity levels similar to those observed in recent years. One indicator sample indicated the presence of naturally occurring K-40. One indicator and one control sample contained the naturally occurring Th-232 decay series, as indicated by AcTh-228. No tritium or other gamma emitting nuclides were identified in any 2007 samples.

While drinking water sampling was not performed as part of Donald C. Cook Nuclear Plant's PRMP, the information detailed above was

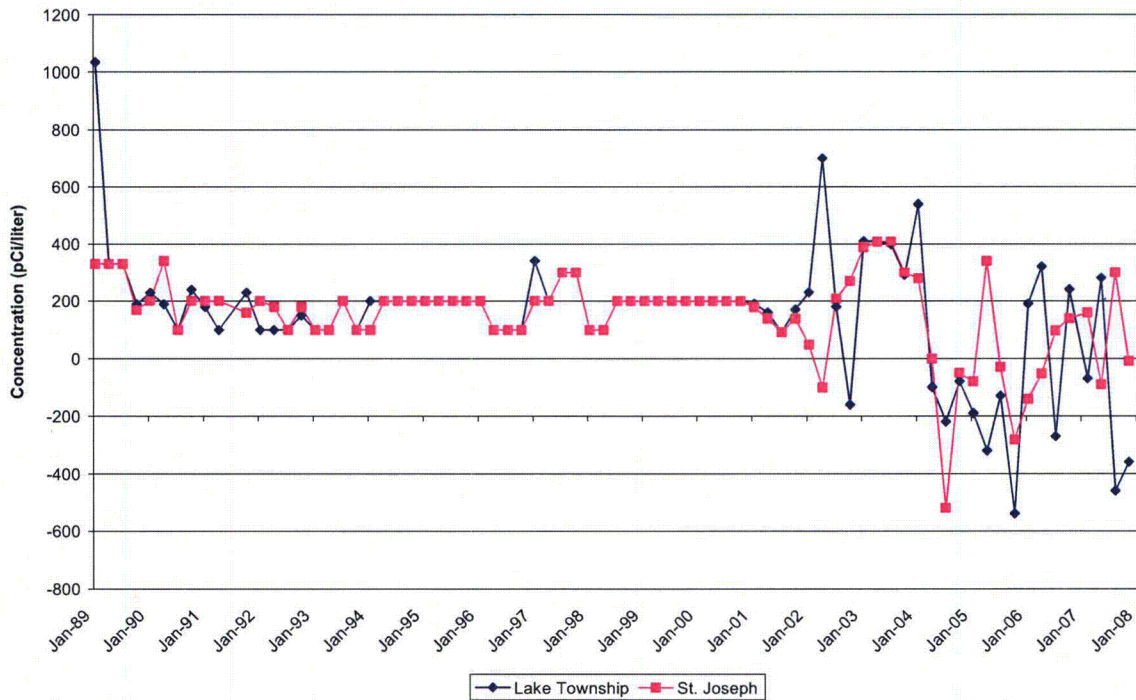


evaluated and found to be consistent with data obtained during the plant's operational history.

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). Table 3.1 shows that no gamma emitting nuclides or tritium were detected in any of the samples collected in 2007.

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of Donald C. Cook Nuclear Plant's PRMP and past operational periods.

#### 4.4.6 Sediment

Semiannual samples of lake sediments were collected from two indicator stations and analyzed for gamma emitting nuclides. During 2007, naturally occurring K-40 was detected in all sediment samples and AcTh-228 was detected in two of the four samples collected. Unlike past operational and pre-operational periods where traces of Cs-137 were found, no detectable Cs-137 was identified in 2007 samples.

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of Donald C. Cook Nuclear Plant's PRMP and the presence of naturally occurring nuclides (K-40 and AcTh-228) was not attributed to plant operation.

#### 4.4.7 Milk

Milk samples were collected bi-weekly from two indicator and one control station during 2007.

Results of all sample analyses identified the presence of naturally occurring K-40, ranging in concentration from 1110 to 2200 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 Donald C. Cook Nuclear Plant'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. Two broad leaf vegetation samples also had detectable amounts of Cs-137. These broad-leaf vegetation samples are non-edible and consist of tree and grape leaves. An evaluation was performed (AR 820997) which concluded that the concentrations can be attributed to fallout from nuclear weapons testing and the Chernobyl accident. No other gamma emitting nuclides were detected in any of the samples.

An annual sample of food products (grape leaves) 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 Donald C. Cook Nuclear Plant'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 presence of naturally occurring K-40 and Be-7 in both the vegetation indicator and control samples, supported the conclusion their presence was not attributable to plant operations.

#### 4.4.9 Fish

Fish samples were collected on two occasions at two indicator and two control locations. Due to insufficient sample volume, samples were collected during two consecutive collection days for station ONS-N in August (AR 824097). Naturally occurring K-40 was detected in all the samples and naturally occurring Be-7 was detected in one of the indicator samples. The presence of trace levels of Cs-137 was observed in the control sample from June (AR 816369). 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 Donald C. Cook Nuclear Plant'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 the Donald C. Cook Nuclear Plant, the presence of Cs-137 had been identified in indicator and control fish samples collected as recent as 2006.

This information supports the conclusion that the occurrence of Cs-137 in fish samples is not attributable to plant operations.

#### 4.4.10 Gamma Exposure Rate

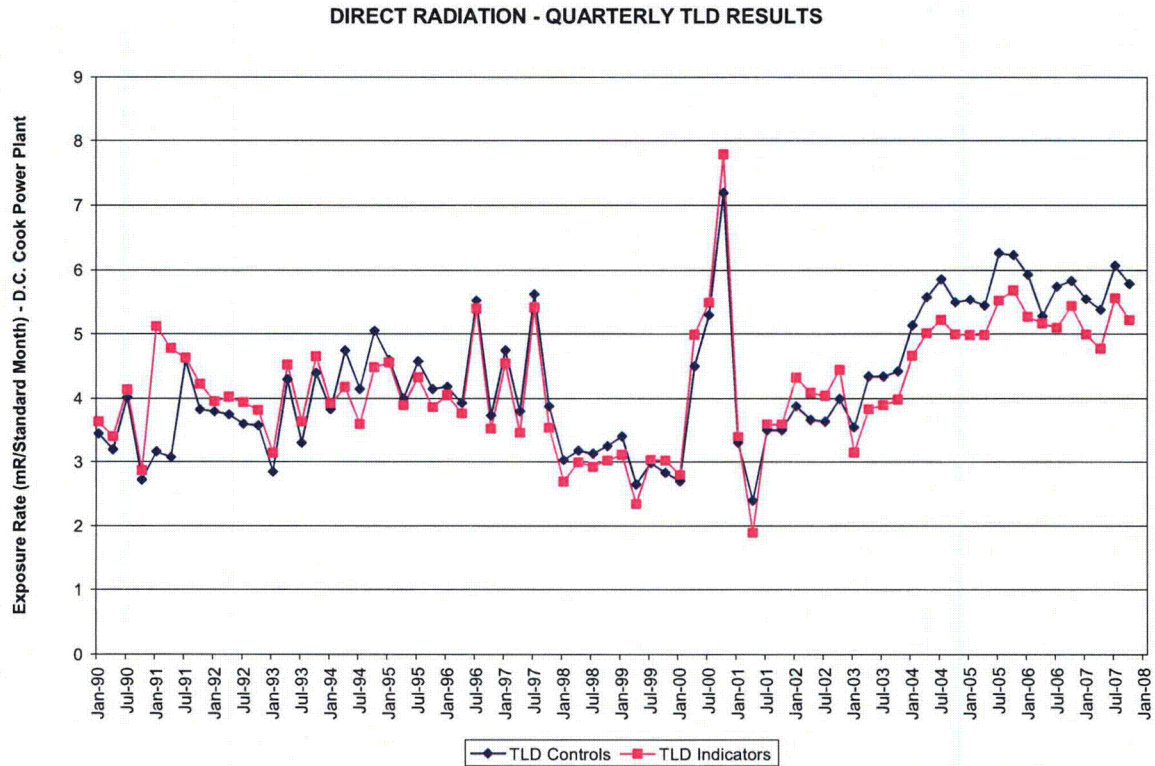
Direct radiation was continuously measured at 27 locations surrounding the Donald C. Cook Plant with thermoluminescent dosimeters (TLDs). All TLDs were collected quarterly and processed at the AREVA NP Environmental Laboratory.

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 2007. 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 Donald C. Cook 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 Donald C. Cook Nuclear Plant's PRMP.

Figure 4.6



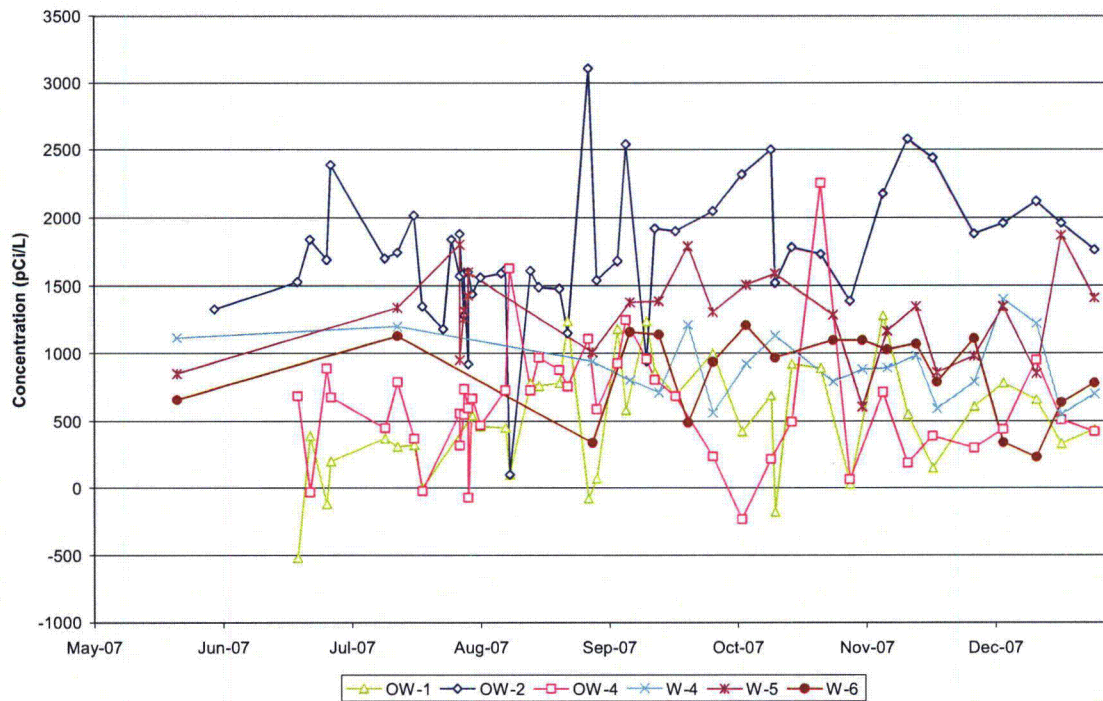
#### 4.4.11 Additional Sample Analysis (non-ODCM required samples)

Groundwater (Radioactive Equipment Storage Facility, SG wells) – Quarterly, two one-liter well water samples were taken at 4 locations. 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 the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters of 2007 and analyzed for tritium by the Donald C. Cook Chemistry Department and AREVA NP. Activity ranged from less than the MDC to 3,110 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 Donald C. Cook tritium initiative team and the Donald C. Cook REMP. This activity is believed to be the result of tritium recapture via precipitation of gaseous releases through 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

TRITIUM IN INFORMATIONAL GROUNDWATER WELLS



## 5.0 OFF-SITE DOSE EQUIVALENT COMMITMENTS

The purpose of this section is to evaluate off-site dose consequences (dose equivalent commitments) associated with the Donald C. Cook Nuclear Plant 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 2007, Cs-137 was measured in one out of nine fish samples. Although the sample was from a control location and the activity was attributed to weapons fallout, a potential annual dose commitment to a maximum exposed individual of 0.077 mrem Total Body and 0.12 mrem maximum organ (Teen, liver) was estimated using conservative assumptions regarding consumption rate and a constant Cs-137 concentration in fish of 51.0 pCi/kg. This dose was only 2.6 percent of the 10 CFR 50 Appendix I Total Body dose limit of 3 mrem/yr and 1.2 percent of the 10 mrem/yr 10 CFR 50 Appendix I organ dose limit.

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

Donald C. Cook Nuclear Plant Procedure 12-THP-6010-RPP-639, "Annual Radiological Environmental Operating Report Preparation and Submittal," requires that a summary of REMP, ODCM and Vendor changes be included in this report.

The following Donald C. Cook Nuclear Plant REMP, ODCM and Process Control Procedures were revised in 2007:

**12-THP-6010-OSD-001, Off-Site Dose Calculation Manual, Rev 22, Approved 6/12/07**

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.
3.1.1c, item Q, altered procedure number from 606 to 601 to correct typo.	This corrects a typographical error as evidenced by the correct procedure title listed is for RPP-601. This meets editorial correction criteria (ECC) I.
3.5.2a.6.c, added the clarifying words 'when vegetation is available' to the step.	This is clarifying information since vegetation is not available year round and can only be collected when available. This is documented in AR 808291. This meets ECC p.
Deleted section 3.6 that discussed Mausoleum groundwater monitoring program. Renumbered remaining steps.	This was deleted since it refers to 'data only' samples and is not part of the REMP and was directed as part of AR 128023 evaluation. The SG wells were also deleted from the map, Attachment 3.22. The locations had previously been removed from Attachment 3.19. This information currently resides in 12-THP-6010-RPP-634 for these wells. This meets ECC p.
Added clarifying wording to * footnotes in both Attachment 3.3 and 3.5 to denote that this applies to all of the surveillances to the appropriate instrument, not just the channel check.	This was the result of the evaluation associated with AR 810352 that concluded that maintaining the blowdown treatment radiation monitor in operational readiness was low value work and need not be maintained. Operations concurred with this deviation from the 'full deck' philosophy. This meets ECC p.

Alteration	Justification
Added groundwater (well water) sample stations W-16 and W-17 to Attachment 3.19 and Attachment 3.22.	Two additional wells, former NPDES wells designated MW-20 and MW-21, were added to the REMP as part of the "D. C. Cook Nuclear Plant Groundwater Protection Project Charter" to more closely monitor groundwater flow characterized by the plant hydrology study. This change was done in response to AR 807643 evaluation.
Attachment 3.19 Reduced the spaces for Ingestion – Milk Background Farm from two to one and dropped farm to singular instead of plural. Changed * footnote from two background farms to one also. Correctly formatted conditional if, then statement.	NUREG-1301, Offsite Dose Calculation Manual Guidance: Standard Radiological Effluent Controls for Pressurized Water Reactors, Table 3.12-1, REMP, only requires one control (background) location.
Reformatted map in Attachment 3.23 since it did not transfer well electronically during revision 21. No changes were made to this map.	Map did not electronically transfer completely during the last revision. This meets ECC j and l. It is the same map presented in revision 20 of PMP-6010-OSD-001. No changes were made during the past two revisions of this document. AR 808170 documents this.

**12-THP-6010-RPP-630, Collection of REMP Surface Water Samples, Rev 5,  
Approved 5/9/07**

Alteration	Justification
General	Revision 5 to RPP-630 addresses general comments made in AR 00811955. Marginal markings were not used for alterations made in the Table of Contents and Attachment 1.
10 CFR 50.59 is not applicable to this procedure revision	Per definition in Attachment 1 of PMP-2010-PRC-002: Managerial or administrative procedure, or administrative change governing the conduct of facility operations.
Added tab to Section 4 in the Table of Contents to align the page numbers.	Editorial Correction j of Figure 5 from PMP-2010-PRC-002 – format. The previous revision included an incorrect tab, which incorrectly aligned the page numbers.
Deleted 'and a copy of the shipping memo' from Step 4.4.7.	Editorial Correction q – Rewording (including addition or deletion of words) of steps that does not change intent. A copy of the shipping memo is faxed with associated tracking information following shipment.



Alteration	Justification
Corrected the surface water locations in Attachment 1.	Editorial Correction I – Changing information that is obviously incorrect and referenced correctly elsewhere. The previous revision incorrectly reversed SWL-2 and SWL-3. They are correctly listed in Step 4.2.1.

**12-THP-6010-RPP-630, Collection of REMP Surface Water Samples, Rev 6,  
Approved 8/27/07**

Alteration	Justification
General	Revision 6 to RPP-630 addresses general comments made in AR 00814141. Marginal markings were not used for alterations made in the Table of Contents and Attachment 1.
10 CFR 50.59 is not applicable to this procedure revision	Per definition in Attachment 1 of PMP-2010-PRC-002: Managerial or administrative procedure, or administrative change governing the conduct of facility operations.
Change procedure use to 'Reference' use.	Change – Per Figure 1, Levels of Use, of PMP-2010-RPC-001, Procedure Writing, RPP-630 falls under 'Reference' rather than 'Information'.
Added Step 4.3.4	Change – ensures types of analyses are recorded on sample collection data sheet.
Modified Data Sheet 2	Change – Updated Data Sheet 2 to a current format used by REMP Collectors. This new form includes a column for As found/As left flow data (AR 814141). Marginal markings were not used as the entire data sheet was modified.

**12-THP-6010-RPP-632, Collection of Environmental Air Samples, Rev 6, Approved  
10/3/07**

Alteration	Justification
General	Revision 6 to RPP-632 addresses general procedural enhancements as identified in ARs 812895 and 817637. Rev 6 also includes changes that incorporate current sampling practices. Marginal markings were used.
10 CFR 50.59 is not applicable to this procedure revision	Per definition in Attachment 1 of PMP-2010-PRC-002, 11 <sup>th</sup> bullet: All aspects of the alterations incorporated into Revision 6 implement the ODCM.

<b>Alteration</b>	<b>Justification</b>
Changed procedure use to Reference.	Change – Aligns DC Cook’s REMP with industry practice (AR 817637).
Step 2.1, bullets 11 & 12	Change – Added items that are used during the collection of REMP air samples.
Added Step 2.2	Change – Step included in the prerequisites to ensure particulate filters are inspected prior to use in the field.
Added Step 2.3	Change – Moved information provided in Step 4.2.3, Revision 5, to the Prerequisites.
Added Step 4.2, renumbered subsequent steps.	Change – Provides instructions on loading air sample heads (AR 812895). Step 4.2 includes information previously contained in Steps 4.2.5 & 4.2.6 (Rev. 5).
Added clarifying information to NOTE prior to Step 4.3.	Editorial Correction p, adding clarifying information – provides the user with further direction regarding implementation of steps.
Broke down recordables in Step 4.3.3 into Steps 2.3, 4.3.3, & 4.3.10, renumbered subsequent steps.	Editorial Correction j, format – broke down the complex step into substeps.
Deleted Step 4.2.4, Revision 5	Change – Step is no longer required following the revision of RPP-632.
Removed ‘and record on the sample collection data sheet’ from Step 4.3.1.	Editorial Correction e, removal of duplicated words within a step – The step requested the user to record the same information twice.
Reworded Step 4.3.4, previously Step 4.2.5 (Rev. 5)	Editorial Correction q, rewording of steps which does not change the intent – Reworded step to only include the collection of the particulate filter.
Reworded Step 4.3.5	Editorial Correction q, rewording of steps which does not change the intent – reworded into a basic collection step.
Added Step 4.3.6	Change – Ensures user reconnects the sampling head to the pump.
Added a Caution prior to Step 4.3.6	Editorial Correction p, adding clarifying information – included a caution to the user about the consequence of performing Step 4.3.6 (does not change the intent).
Deleted Step 4.2.11, Revision 5	Change – Step is no longer required following the revision of RPP-632.
Added Step 4.3.10	Change – Recording the ‘As Left’ flow ensures the user has turned the unit back on.

Alteration	Justification
Added Step 4.4.2	Change - Ensures the user documents the required analyses on the paperwork being sent to the lab.
Added Step 4.4.3	Change – Ensures the user has documented sample collection information on the appropriate paperwork and collection containers.
Step 4.4.6 – Deleted ‘and a copy of the shipping memo’	Change – A copy of the shipping memo is faxed to the REMP Coordinator with shipping information (AR 812895).
Deleted Step 6.3, Revision 5	Editorial Correction e, removal of steps that are duplicated in Step 3.2 (AR 812895).
Deleted Step 6.4, Revision 5	Editorial Correction e, removal of steps that are duplicated in Step 3.3 (AR 812895).
Added Step 7.4.4	Editorial Correction n, adding references – the user is directed to use RPP-630 for data collection sheets.

**12-THP-6010-RPP-634, Collection of REMP Groundwater Samples, Rev 6,  
Approved 1/9/07**

Alteration	Justification
General	Addresses the elimination of Data Sheet 1, Purge Volume and Purge Time Determination and aligns RPP-634 with ENV-110, Groundwater Sampling. Marginal markings were used.
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002.
Updated Step 2.2 to include the additional wells.	Change – Items in Step 2.2 were added as well as reworded to update the procedure.
Added clarifying information to Step 3.8	Editorial Correction (EC) ‘q’ – Rewording for clarification.
Deleted Section 4.4, Sample Collection from Wells using a Non-adjustable, Submersible Pump, renumbered accordingly	Change – There are currently no wells in the REMP groundwater sampling program that require a non-adjustable, submersible pump.
Added Step 4.4.4	Change – Ensures pump power is off.
Switched Steps 4.4.5 and 4.4.6	Change – Allows the user to verify the pump direction after leads have been connected.
Steps 4.4.8 – 4.4.9 were rewritten	Change – Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.

<b>Alteration</b>	<b>Justification</b>
Step 4.4.16 – Changed 'discharge' to 'intake'	Change – Moving the tube towards the intake side of the hose prevents the tubing from collapsing.
Added Steps 4.5.4 and 4.5.5	Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.
Added Caution prior to Step 4.5.7	Change – Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.
Added Note prior to Step 4.5.8.	Change – Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.
Added Step 4.5.8	Change – Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.
Reworded Step 4.5.9	Change – Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.
Added Step 4.5.10	Change – Aligns this procedure with 12-EA-6090-ENV-110, Groundwater Sampling.
Added Section 4.6 'Preparation of Samples for Shipment' and deleted the associated steps from Sections 4.4 and 4.5	Change – Samples are collected and then prepared for shipment. Thus the steps were taken from Sections 4.4 and 4.5 and moved to Section 4.6 following sample collection.
Step 4.7.3 – Added step.	Change – Ensures the shipment's tracking number is submitted to the REMP Coordinator.
Deleted Step 5.1, renumbered accordingly	Change – Attachment 1 lists the minimum purge volumes for each well. Thus, calculation of purge volume and purge time is no longer required.
Removed Data Sheet 1, Purge Volume and Purge Time Determination, and eliminated all references throughout the procedure.	Change – Data Sheet 1 was eliminated to align the REMP groundwater sampling program with the Environmental groundwater sampling program, where purge times and volumes are conservatively calculated. This eliminates the possibility of calculation error and reduces sampler burden in the field.
Renamed Attachment 2 and added MW wells	Change – All samples listed in this procedure are a part of the REMP.

**12-THP-6010-RPP-634, Collection of REMP Groundwater Samples, Rev 7,  
Approved 2/6/07**

<b>Alteration</b>	<b>Justification</b>
General	Revision 7 addresses the suggested procedure changes in AR 807750. Rev. 7 also addresses the elimination of measuring static water elevation in this procedure.

<b>Alteration</b>	<b>Justification</b>
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.
Changed the procedure use to Reference, no marginal mark	Change – per definition in Figure 1 of PMP-2010-PRC-001, 'reference' use is more applicable to RPP-634 than 'information'.
Corrected the spelling of Redi-Flo throughout the procedure, no marginal marks used	Previous revision had Redi-Flo spelled as Redi-Flow.
Added Step 1.2	Provides the scope of the procedure.
Reworded Step 2.2, 5 <sup>th</sup> bullet	Added portable Redi-Flo to the examples
Reworded Step 2.2, 6 <sup>th</sup> bullet	Clarification of step.
Reworded Step 2.2, 10 <sup>th</sup> bullet	Clarification of step.
Reworded Step 2.2, 12 <sup>th</sup> bullet	Deleted per sample quantity since it is spelled out in Step 4.4.2.
Added Step 2.2, 16 <sup>th</sup> bullet	A well level measuring device is needed for wells that do not have permanently installed pumps.
Reworded Step 3.4	Changed 'condition report' to the proper initiating term 'ESAT'.
Reworded Step 3.7	Replaced 'needs to be' with 'should' to provide clarification of the action.
Deleted Steps 3.8, 4.2, & 4.3, renumbered accordingly	Static water elevation provides no input to the collection of REMP groundwater samples. Purge requirements are based on average well elevations taken over several years.
Removed the Note prior to Step 4.2.1	The note referred to contacting security prior to entering the microwave zone is captured as Step 2.1 in the Prerequisites section.
Added Step 4.2.2	Ensures water level is measured at wells that do not have a permanently installed pump.
Reworded Step 4.2.3	Added clarifying information to ensure pump suction hose is adequately beyond the water level.
Step 4.2.4 – Added If/THEN statement	Conditional statement was added due to oil not always present in these wells.
Reworded Step 4.2.7 and added Steps 4.2.8 and 4.2.9	Steps provide guidance to the user if the pump rotation is incorrect.
Reworded Step 4.2.13	Added 'and cap' to ensure the sample container is capped. This was originally in Step 4.2.15

Alteration	Justification
Reworded Step 4.2.14	Added 'turn off the pump and' to ensure the pump is off prior to disconnecting leads.
Reworded Step 4.2.16	Provided clarifying information on hose movement to prevent degradation.
Added Steps 4.3.1 and 4.3.8	Samplers may encounter oil contamination in the groundwater.
Added Note prior to Step 4.3.2	Added to prevent contamination of the hose assembly on the portable Redi-Flo pump.
Added Step 4.3.2	A portable Redi-Flo pump is available for wells W-4, W-5, and W-6
Reworded Step 4.3.14	Made one step as fill and cap to ensure sample bottles are capped.
Deleted Step 4.5.10	Step referenced running the pump for 10 minutes, which is already stated in a note prior to Step 4.5.8.
Moved 7.2.2a to Source Reference 7.2.1g	Per definition of source reference in PMP-2010-PRC-001.
Moved 7.2.2b to Source Reference 7.2.1f	Per definition of source reference in PMP-2010-PRC-001.
Revised Attachment 1, includes Caution	Updated key information, marks not used.

**12-THP-6010-RPP-634, Collection of REMP Groundwater Samples, Rev 8,  
Approved 8/30/07**

Alteration	Justification
General	Revision 7 addresses the suggested procedure changes in AR 813531.
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.
Added Section 4.2 and 4.3, and renumbered steps as appropriate.	Change – These sections describe measurement of water and water/oil levels, as well as ensuring the user records the information.
Step 4.6.2 – Added clarifying information in regards to acid addition.	Editorial Correction p, adding clarifying information – samples taken for tritium analysis do not require acid addition.
Step 4.6.4 – Added step.	Change – ensures types of analyses are recorded on sample collection data sheet.
Step 4.7.1, last bullet – added '(data sheet only)'	Editorial Correction p, adding clarifying information – volume amount is required only on the data sheet.

Alteration	Justification
Attachment 1 – added Environmental (NPDES) wells and nomenclature	Change – NPDES wells have the potential to be sampled under the REMP.
Attachment 2 – added Environmental (NPDES) wells	Change – NPDES wells have the potential to be sampled under the REMP.

**12-THP-6010-RPP-635, Collection of Milk Samples, Rev 2, Approved 6/12/07**

Alteration	Justification
General	Revision 2 updates RPP-635 to the new procedure template and incorporates comments in AR 808291 and AR811795.
Alterations to this procedure were administrative in nature and are entirely governed by 10 CFR 50, Appendix B, and are therefore not subject to the requirements of 10 CFR 50.59.	
Update procedure numbers to current format, marginal marks not used.	Editorial Correction j, format.
Step 2.1 – Deleted 'Company' from the 4 <sup>th</sup> bullet.	Change – The sample collector is not required to use a company vehicle for REMP. Any vehicle will suffice.
Reworded Step 3.1.	Editorial Correction q, rewording of step which does not change the intent – aligns procedure with ODCM guidance.
Reworded Steps 3.2, 4.1.1, 4.1.2, 4.2.3, 4.3.1, 6.1, and 6.3 so that procedures listed were in the order of data sheet, data sheet title, and then procedure number.	Editorial Correction a, sentence structure – ensures the data sheet title is read with the data sheet number and not construed as the title of the procedure.
Changed 'Condition Report' to 'ESAT' and added 'seasonal unavailability' to Step 3.3.	Editorial Correction j, format – changed terminology to Indus terms. Editorial Correction q, rewording of step which does not change the intent – provides consistency with other REMP procedures.
Step 4.2.1 – Reworded step to provide guidance on milk collection locations.	Editorial Correction q, rewording of step which does not change the intent – farms listed in Attachment 1 are not required milk farms.
Added Step 4.2.4, renumbered as appropriate.	Change – Ensures the user documents the required analyses on the paperwork being sent to the lab.
Reworded Step 4.3.1	Editorial Correction q, rewording of step which does not change the intent – provides consistency with other REMP procedures.

Alteration	Justification
Added Step 4.3.2	Change – Tracking information is used by the REMP Coordinator to ensure the samples arrive at the lab.
Reworded Step 4.3.3	Editorial Correction q, rewording of step which does not change the intent – provides consistency with other REMP procedures.
Reworded and moved information in Step 5.1 to Note prior to Step 4.2.1, renumbered as appropriate.	Change – Attachment 1 contains milk sample locations that have been used by Donald C. Cook's REMP. Attachment 1 does not list required milk sampling locations as previously stated in Revision 1.
Added 'when available' to step 5.1, 1 <sup>st</sup> bullet.	Editorial Correction p, adding clarifying information – provides consistency with ODCM verbiage and NUREG guidance.
Added Step 5.2	Change – Aligns RPP-635 with ODCM requirements.
Deleted NRC Commitments listed in Step 7.2.2.	Change – These references were listed as general references (informational points). Per
Deleted the figure from Attachment 1.	Change – REMP Sampling locations can be found in the ODCM, Attachments 3.22 and 3.23.
Deleted Figure 1	Change – Figure is not required since the additional forms are listed in the body of the procedure.

**12-THP-6010-RPP-637, Collection of REMP Lake Sediment and Soil Samples, Rev 2, Approved 2/6/07**

Alteration	Justification
General	Revision was created to address the addition of Quarterly soil samples which were once controlled by 12-THP-6010-RPP-401.
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002: Managerial or administrative procedure, or administrative change governing the conduct of facility operations.
Added REMP to the procedure title.	Provides consistency with other REMP procedures.
Changed procedure title to include lake sediment and soil samples.	Change – Allows procedure to govern collection of all sediment and soil samples taken by Environmental.



Alteration	Justification
Updated procedure format in the title block, Steps 1.1, 3.3, 4.1.2, 4.2.3, 4.4.1, 6.1, 6.3, & 7.1.1	Editorial Correction j, format.
Step 1.2 – Added to detail the scope	Change – details scope of the procedure.
Step 2.1, bullets – added clarifying information.	Editorial Correction p, clarifying information.
Added Step 3.2 to clarify that quarterly soil samples are not included in the ODCM.	Editorial Correction p, clarifying information.
Replaced 'any sample' with 'lake sediment' in Step 3.3	Lake sediment samples are listed in the ODCM.
Added Step 3.4.	Step was added to include quarterly samples not included in the ODCM.
Reworded Step 3.5.	Changed 'condition report' to 'ESAT'.
Step 4.1.2, 2 <sup>nd</sup> bullet – Added as a Sample Collector's responsibility.	Change – With the addition of quarterly soil samples, collector will have this responsibility.
Added "Lake Sediment" to Step 4.2.	Editorial Correction p, clarifying information.
Added clarifying information on the sediment sample locations to the Note following Step 4.2.	Editorial Correction p, clarifying information.
Reduced Step 4.2.1 to only include sample collection of SL-2. Added Step 4.2.2 to include sample collection of SL-3.	Editorial Correction j, format – breaking multiple action steps into 2 steps.
Added Steps 4.3 – 4.3.13 to provide guidance on quarterly soil sample collection.	Change – Proceduralizes soil samples not included in the ODCM, but taken within the REMP as informational data points.
Step 4.4 – Added 'Lake Sediment'	Editorial Correction p, clarifying information.
Added Step 4.4.2	Shipping tracking number allows the Coordinator to track shipping status.
Reworded Step 6.3	Included samples not collected per this procedure.
Changed title of Attachment 1 and associated figure.	Change – Modified attachment 1 to only include sediment sampling locations.

**12-THP-6010-RPP-637, Collection of REMP Lake Sediment and Soil Samples, Rev 3, Approved 4/25/07**

Alteration	Justification
General	Revision was created to address the AR 810539.

<b>Alteration</b>	<b>Justification</b>
10 CFR 50.59 is not applicable to this procedure revision.	Per definition in Attachment 1 of PMP-2010-PRC-002: Managerial or administrative procedure, or administrative change governing the conduct of facility operations.
Added example to Step 3.6.	Editorial Correction p – adding clarifying information that does not change the intent.
Changed two 1-Liter samples to a 1-Liter sample required for collection in Steps 4.2.1 and 4.2.2.	Confirmation was made with the AREVA Environmental lab that only 1-Liter samples were required for a gamma isotopic analysis.
Changed 4.2.1 and 4.2.2 to bulleted steps under Step 4.2.1. Renumbered as appropriate.	Lake Sediment samples are not required to be obtained in a given order. Numbered steps imply a certain order; bulleted steps can be performed in any order.
Reworded and added words to Step 4.3.1.	Editorial Correction q – rewording (includes addition of words) of step for clarification that does not change the intent.
Added Note prior to Step 4.4.	Note refers user to appropriate shipping procedure and allows users not qualified to collect lake sediment samples to ship lake sediment samples.
Deleted Steps 6.3 and 6.4.	Steps were duplicates from Section 3, Precautions and Limitations.
Deleted 'and a copy of the shipping memo' from Step 4.4.3.	A copy of the shipping memo is faxed with associated tracking information.
Added an information block to Attachment 1. Marginal markings were not used.	Gives the user a place to insert a name and directs the user to add the date and time by the sample collected.

**12-THP-6010-RPP-638, Collection of Grape and Broadleaf Samples, Rev 4,  
Approved 6/11/07**

<b>Alteration</b>	<b>Justification</b>
General	Revision 4 incorporates changes referenced in AR 80291-03.
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.
Updated procedure format.	The previous revision did not use the current procedure format.
Added 5 <sup>th</sup> and 6 <sup>th</sup> bullet to Step 2.1	Change – maps and a scale are additional tools that should be gathered.

<b>Alteration</b>	<b>Justification</b>
Deleted 'or equivalent' from 3 <sup>rd</sup> and 4 <sup>th</sup> bullets in Step 2.1	Editorial Correction q, rewording of step which does not change the intent – 'or equivalent' is already stated in Step 2.1.
Moved bullet from Step 2.2 to 4 <sup>th</sup> bullet under Step 4.1.1	Change – bulleted item is a REMP Coordinator responsibility.
Moved Note from Step 4.2 to 3 <sup>rd</sup> bullet under Step 4.1.2	Change – note item is a sample collector responsibility.
Rearranged and reworded Steps 4.2 – 4.2.4	Change – Information was arranged in a chronological order and steps were broken down into individual actions.
Added Step 4.2.5.	Change – Ensures the user documents the required analyses on the paperwork being sent to the lab.
Added Step 4.3.2	Change – Tracking information is used by the REMP Coordinator to ensure the samples arrive at the lab.
Deleted Figure 1, Additional Forms	Change – Additional Form information is provided in the body of the procedure. The figure was used in the old procedure format as a bookmark and is no longer required.
Deleted Step 6.3	Change – Information from step is already listed in Step 3.1.
Deleted Step 6.4	Change – Information from step is already listed in Step 3.4.

**12-THP-6010-RPP-643, Quarterly Review of Radiological Environmental Monitoring Program (REMP), Rev 6, Approved 3/21/07**

<b>Alteration</b>	<b>Justification</b>
General	Revision was created in response to AR 00807427.
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.
Changed 'Condition Report' to 'ESAT' in Step 3.2	Editorial Correction l – changing incorrect information to correct information.
Included groundwater wells MW-20 & MW-21 in Step 4.1.2c	MW-20 & MW-21 are new groundwater wells used for REMP analysis.
Added Step 4.1.2g	Step was added to ensure quarterly soil samples are reviewed.
Added '≈' before 3.5 and 5.0 in Step 4.1.2i	Editorial Correction h, inadvertent omitted symbols.

<b>Alteration</b>	<b>Justification</b>
Added Step 4.1.2k	Step was added to ensure 'Other' samples taken during the quarter were reviewed.
Moved Reference 7.1.2 to 7.2.1e	Reference is a Source Reference per PRC-001.
Moved Reference 7.2.2a to 7.2.1f	Reference is a Source Reference per PRC-001.
Added References 7.2.1g – 7.2.1n	References are Source References per PRC-001.
Added MW-20 & MW-21 to Data Sheet 1	MW-20 & MW-21 are new groundwater wells used for REMP analysis.
Added drinking water designators to Data Sheet 1	Updated information to include designators.
Updated sediment designators in Data Sheet 1 to their correct designation (SL2 & SL3)	Editorial Correction I – changing incorrect information to correct information.
Added Soil and subsequent locations to Data Sheet 1.	New quarterly samples are taken by Environmental under RPP-637.
Added 'Other' section to Data Sheet 1.	Ensures 'Other' samples taken during the quarter were reviewed.

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 2007**

PROC NO.	TITLE	REV.	EFFECTIVE DATE	REVISION SUMMARY
020	Review and Approval of Client Contracts and Purchase Orders for Environmental Laboratory Services	0	02/27/07	New procedure (moved from QA Manual 100).
120	Sample Storage and Accountability	19	01/04/07	Added reminder for holding certain client samples >60 days and modified soil disposal limits.
201	Sample Receipt And Chain Of Custody Using LIMS	11	11/27/07	Performed the 5-year procedure review. Incorporated Interim Change Note after procedure Step C.5.
320	Preparation and Analysis of Environmental Water and Soil/Sediment/Sludge Samples for Gross Alpha and/or Gross Beta Radioactivity	35	08/16/07	Added additional steps when recounts for samples are performed. Made editorial changes where deemed necessary.
371	The Determination of Tritium in Environmental and Bioassay Matrices	23	12/18/07	Some procedural steps were changed to make the process more efficient. Made editorial changes where deemed necessary.
373	The Determination of Tritium in Environmental, Bioassay, and Plant Effluent Samples Using the Micro Distillation apparatus	5	12/31/07	Procedural steps were incorporated for correct tare weight determination and mixing of vial contents.
469	Operation and Calibration of the Model ITM-2H Integral Tool Monitor	5	09/18/07	The procedure title was changed from "Calibratin of the Mode ITM-2H Integral Tool Monitor," to "Operation and Calibration of the Model ITM-2H Integral Tool Monitor." Several grammatical changes were made.
475	Operation and Calibration of the Xetex Model 520A Source Monitor	3	04/04/07	Updated calibration documentation form.
510	Identification and Quantitative Determination of Radionuclides in Soil by Gamma-Ray <i>In Situ</i> Spectrometry	12	11/27/07	Performed the 5-year procedure review. Added a statement that final analysis results will be archived on the E-Lab file server.
600	Development, Documentation, Verification, And Validation of computer Software	12	11/27/07	Performed the 5-year procedure review. Revised the definition of "cognizant supervisor" due to changes in the titles of the E-Lab staff since the last revision.
661	Record Keeping and Reporting: Radiological Environmental Monitoring Program Reporting Levels	7	08/13/07	Updated the format and titles. Added clarification of how "positive" results may be determined. Added requirement from client to provide reporting levels.
688	Environmental and Bioassay Data Entry Using LIMS	1	09/27/07	Updated the format and references. Clarified processing steps for data entry.

PROC NO.	TITLE	REV.	EFFECTIVE DATE	REVISION SUMMARY
692	Report Generation Using LIMS	2	09/27/07	Updated the format and made minor editorial corrections.
710	Quality Control of Laboratory Instrumentation	19	02/01/07	Updated company name/format, clarified when "Do Not Use" tags are required, added background requirement for portable gamma units.
730	Standardization and Verification of Carriers	21	05/14/07	Updated carbon carrier verification steps for clarification of documentation requirements.
735	DOE Programs: Sample Receipt, Preparation and Analysis	0	02/01/07	Procedure deleted, information is included in Procedure 770.
770	Laboratory Quality Assurance and Control Programs	1	02/01/07	Updated for formatting, incorporated data from Procedures 735 and 745, clarifications throughout, deleted sections for 3 <sup>rd</sup> party programs no longer in use, revised charcoal QC details.
775	Management of the Approved Suppliers List	1	04/04/07	Updated for formatting, increased detailed steps on on-site assessments.
780	Purchasing Controls	3	02/27/07	Modified steps for creation of Purchase Request to be consistent with new corporate purchasing system.
810	Procurement, Receipt and Storage of Radioactive Material	19	02/01/07	- Added details for handling exclusive use shipments to comply with 49 CFR.
		20	07/02/07	- Updated form to document entry of source data into source tracking software
		21	09/18/07	- A note to remind the analyst to verify that the radioactive material received does not exceed license limits was inserted at the beginning of the Initial Sample Receipt Section.
812	Radiological Surveys of the Environmental Laboratory	10	09/13/07	The use of Masslin for floor surveys was added. The survey forms were changed to be more descriptive for staff contaminated and/or radiation locations.
813	Guidelines for the Identification, Storage Disposal of Radioactive Waste	9	09/18/07	A note to ensure that shipping containers used for waste shipments meet DOT requirements was inserted at the beginning of the radioactive waste shipment section.
816	Hood Air Flow Surveys	5	05/14/07	Updated for new anemometer and modified form to reduce the number of pages required to document flow checks.
850	Receipt and Storage of Radioactive Samples	13	09/18/07	A note to remind the analyst to verify that the radioactive material received does not exceed license limits was inserted at the beginning of the Initial Sample Receipt Section.
930	Operation of the J. L. Shepherd Model 28 Cesium-137 Irradiator	12	09/11/07	Performed the 5-year procedure review. Revised company name. Changed Dosimetry Services Section to Dosimetry Services. Added a precaution step to verify the calibration of the irradiator and the Grablab timer. Various editorial and typographical changes were made.

PROC NO.	TITLE	REV.	EFFECTIVE DATE	REVISION SUMMARY
946	Extremity Dosimetry Quality Control Dosimeter Preparation	6 Int. Chg	03/21/07	Performed the 5-year procedure review. Revised company name. Changed Dosimetry Services Section to Dosimetry Services. Removed the onsite processing note from Step B.7.
1040	Receipt and Routine Processing of Panasonic TLD Badges	11	06/21/07	Revised company name and internal organization names, removed onsite processing precaution.
1046	Panasonic TLD Data Evaluation	10	03/07/07	Updated format and company titles.
1052	Panasonic TLD Badge Assignment	9	12/14/07	Performed the 5-year procedure review. The procedure was reformatted to replace Framatome ANP with AREVA NP. The AREVA proprietary statement was added to the cover page. Minor editorial changes were made. A note was inserted after Step H-3 to inform the operator that the preferred courier for the shipment of TLDs is United Parcel Services (UPS) because they represent the lowest risk of irradiating the TLDs during shipment.
1118	The Determination of Tc-99 in 10 CFR 61 Media Using EIChroM TEVA•SPEC Resin and Liquid Scintillation Spectrometry	9	05/16/07	Editorial updates, eliminated hydroxide precipitation step for most samples to improve recovery, provided guidance for handling high activity samples to improve purification of Tc-99.

## 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.
3. USNRC Regulatory Issue Summary 2008-03, "Return/Re-Use of Previously Discharged Radioactive Effluents."



## **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 widows 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**

**2007 LAND USE CENSUS**

## Land Use Census Summary

Date: December 31, 2007

### 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 2007 LUC is detailed below.

### Dairy Farm Survey

A dairy farm survey was conducted from September 24 through September 28, 2007 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 2007, it was determined that no identified dairy farms had ceased milking operations. 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, 49101

As CNP REMP requirements specify 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.

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 LUC identified a change from a previous LUC data for livestock consumption survey and was given REMP designation MEAT for the survey.

The census identified the closest animals providing livestock for human consumption as follows:

Robert Mast  
Sector/Distance from CNP: F / 1.48 miles (7,789 feet)  
Livingston Road  
Baroda, MI 49101

#### Residential Land Use Survey

From June 1, 2006, to June 1, 2007, one building permit for new residential construction was issued in the Lake Township sections that border the CNP property (sections 5, 6, 7, and 8). As this permit did not affect designation of the "closest residence" in that sector, it required no further consideration for the purposes of residential radiological evaluations.

The use of newer GPS technology did, however, reveal an updated "closest residence" in Sector H at 8461 Moonflower. The Midas Dose Assessment Program determined there was no change in dose commitment.

It was also noted that an update to the lot number of the closest residence in land Sector J was warranted as a result of a property split. The residential and LUC identified the lot located on 8493 Livingston Hills as lot # 11-11-0007-0010-20-1. A new home located adjacent to this property on lot # 11-11-0007-0010-21-0 was identified. Using GPS technology, it was determined that a change to the "closest residence" in Sector J was not warranted.

Per telecom 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

The Garden Census Survey determined the "Closest Garden Producing Fresh Leafy Vegetables" remained unchanged from the previous survey and was given REMP designation TGB for the survey. This garden is comprised of 8-10 smaller (8'x8') herb beds.

The census identified the closest garden as follows:

Terry and Gloria Black  
Sector/Distance from CNP: E / 1.1 miles (5,555 feet)  
7927 Red Arrow Highway  
Bridgman, MI 49106

In lieu of conducting the Garden Census as part of this LUC, grape and broadleaf sampling was 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 2007.



**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 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. In addition, a blind duplicate program is conducted through client environmental monitoring programs.

This summary reports all intralaboratory and third party results received by the E-LAB on or before December 31, 2007.

### **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 check and duplicate results for January to December 2007. Of the 469 analyses evaluated for bias, 99.4% passed the acceptance criteria and 99.3% of the 148 results evaluated for precision were acceptable. The E-LAB internal acceptance criteria are summarized below 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 2006 through the 3<sup>rd</sup> quarter 2007 are summarized in Table C.2. The 4<sup>th</sup> quarter 2007 sample results are not included in this report as the final results have not been received from the reporting laboratory. 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 the 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 below Table C.1.

### **Blind Duplicate Program**

Under the Blind Duplicate Quality Assurance Program, samples are split from homogeneous environmental media by the client and sent to the E-LAB for analysis. They are "blind" in that the identification of the matching sample is not identified to the Laboratory.

Participating clients submitted a total of 12 paired samples in 2007. The measurements evaluated include twenty-six gamma emitting radionuclides, H-3, and gross beta. All measurements are evaluated, whether the results are statistically positive or not, and whether the net concentration is positive or negative.

The samples submitted as part of this program are listed in Table C.3. For the 2007 program, 100% (212/212) of the measurements met the E-LAB internal acceptance criteria.

### **Environmental TLD Quality Assurance Program**

Performance documentation of the routine processing of the Panasonic environmental TLDs (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 Battelle Pacific Northwest Labs 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 performance tests were conducted in 2007 by the E-LAB. These tests were made on fourteen separate sets of six dosimeters. All of the fourteen TLD test sets passed the mean bias criteria of  $\pm 20.1\%$ . Of the eighty-four individual measurements, 100% of the dosimeter evaluations met the E-LAB Internal Acceptance Criteria for bias ( $\pm 20.1\%$ ) and precision ( $\pm 12.8\%$ ). Due to a schedule conflict with the required NVLAP proficiency testing, the third party

irradiation facility was not available for routine QC irradiations, thus, third party QC testing of environmental TLDs was not performed during 2007. Semi-annual third party testing is scheduled for 2008.

The DC Cook Plant has reviewed the AREVA NP Environmental Lab's QA program and found it to be satisfactory. AR 8089016 was written to ensure the 4<sup>th</sup> Quarter 2007 Third Party Cross Checks Data is included in the 2008 Annual Radiological Environmental Operating Report.

**Percentage of Individual Analyses 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 Testing**

Dosimeter Type	Exposure Period	ANSI Category	% (Bias $\pm$ SD)
Panasonic Environmental	(1)		

(1) No third party testing was performed for this period.

TABLE C.1

**E-LAB RESULTS IN THE INTRALABORATORY PROCESS CONTROL PROGRAM  
January - December 2007**

Media Analysis	Bias Criteria (1)				Precision Criteria (2)			
	1	2	3	4	1	2	3	4
I. Air Charcoal								
Gamma-Quantitative	94	27	5	0	0	0	0	0
Gamma-Screening	0	0	0	0	0	0	0	0
II. Air Filter								
Beta	229	19	1	0	0	0	0	0
III. Milk								
Gamma	0	0	0	0	8	2	8	0
I-131(LL)	4	0	1	0	4	0	1	0
IV. Soil/Sediment								
Gamma	2	5	1	0	0	0	0	0
V. Vegetation/Food								
Gamma	0	0	0	0	16	3	20	0
VI. Water								
Gross Alpha	3	3	1	1	3	2	2	0
Gross Beta	7	3	1	0	4	2	1	1
Gamma	14	9	1	0	6	4	22	0
I-131(LL)	0	0	0	0	0	0	0	0
Sr-90	4	2	5	0	4	2	4	0
Tritium	10	13	2	2	13	5	11	0
Total Number in Range	367	81	18	3	58	20	69	1
Percentage of Total Processed	78.3	17.3	3.8	0.6	39.2	13.5	46.6	0.7
Sum of Analyses	469				148			

- (1) Percent Bias Criteria by Bias Category  
 Bias Category = 1 > 0% and <= 5%  
 Bias Category = 2 > 5% and <= 10%  
 Bias Category = 3 > 10% and <= 15%, or within 2 sigma of known  
 Gross alpha/beta water, Sr 89/90 > 10% and <= 25%  
 Transuranics > 10% and <= 20%  
 Bias Category = 4 Outside Criteria
- (2) Percent Precision Criteria by Precision Category  
 Precision Category = 1 > 0% and <= 5%  
 Precision Category = 2 > 5% and <= 10%  
 Precision Category = 3 > 10% and <= 15%, or within 2 sigma of mean  
 Precision Category = 4 Outside Criteria

**TABLE C.2**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM**  
**Quarter 4, 2006 - Quarter 3, 2007**

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/ Analytics	Evaluation
E5222-162	4th/2006	Water	H-3	14570	14800	0.99	Agreement
E5223-162	4th/2006	Water	Sr-89	68.8	72.6	0.95	Agreement
E5223-162	4th/2006	Water	Sr-90	5.56	5.9	0.94	Agreement
E5224-162	4th/2006	Filter	Gross Alpha	63.3	67.2	0.94	Agreement
E5224-162	4th/2006	Filter	Gross Beta	209.6	203	1.03	Agreement
E5225-162	4th/2006	Filter	Ce-141	179.0	185	0.97	Agreement
E5225-162	4th/2006	Filter	Cr-51	277.9	273	1.02	Agreement
E5225-162	4th/2006	Filter	Cs-134	89.1	92.7	0.96	Agreement
E5225-162	4th/2006	Filter	Cs-137	158.8	149	1.06	Agreement
E5225-162	4th/2006	Filter	Co-58	54.0	52.8	1.02	Agreement
E5225-162	4th/2006	Filter	Mn-54	71.2	69.8	1.02	Agreement
E5225-162	4th/2006	Filter	Fe-59	51.0	50.2	1.02	Agreement
E5225-162	4th/2006	Filter	Zn-65	104.3	103	1.01	Agreement
E5225-162	4th/2006	Filter	Co-60	166.7	177	0.94	Agreement
E5226-162	4th/2006	Filter	Sr-89	69.5	74.2	0.94	Agreement
E5226-162	4th/2006	Filter	Sr-90	6.46	6.06	1.07	Agreement
E5227-162	4th/2006	Milk	I-131LL	71.0	70.8	1.00	Agreement
E5227-162	4th/2006	Milk	I-131	64.8	70.8	0.91	Agreement
E5227-162	4th/2006	Milk	Ce-141	277.7	294	0.94	Agreement
E5227-162	4th/2006	Milk	Cr-51	430.7	433	0.99	Agreement
E5227-162	4th/2006	Milk	Cs-134	141.4	147	0.96	Agreement
E5227-162	4th/2006	Milk	Cs-137	233.9	237	0.99	Agreement
E5227-162	4th/2006	Milk	Co-58	83.1	83.8	0.99	Agreement
E5227-162	4th/2006	Milk	Mn-54	110.6	111	1.00	Agreement
E5227-162	4th/2006	Milk	Fe-59	82.3	79.7	1.03	Agreement
E5227-162	4th/2006	Milk	Zn-65	171.4	164	1.05	Agreement
E5227-162	4th/2006	Milk	Co-60	273.1	281	0.97	Agreement
E5228-162	4th/2006	Charcoal	I-131	84.2	87.1	0.97	Agreement

\* pCi/Liter (Filters in pCi)

**TABLE C.2 (cont'd)**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM**  
**Quarter 4, 2006 - Quarter 3, 2007**

Sample Number	Quarter/ Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/ Analytics	Evaluation
E5238-162	1st/2007	Water	Gross Alpha	117	112	1.05	Agreement
E5238-162	1st/2007	Water	Gross Beta	104	100	1.04	Agreement
E5239-162	1st/2007	Water	I-131LL	88.3	89.8	0.98	Agreement
E5239-162	1st/2007	Water	I-131	74.3	89.8	0.83	Agreement
E5239-162	1st/2007	Water	Ce-141	257	258	1.00	Agreement
E5239-162	1st/2007	Water	Cr-51	218	213	1.02	Agreement
E5239-162	1st/2007	Water	Cs-134	93.6	97.1	0.96	Agreement
E5239-162	1st/2007	Water	Cs-137	197	204	0.97	Agreement
E5239-162	1st/2007	Water	Co-58	86.2	85.8	1.00	Agreement
E5239-162	1st/2007	Water	Mn-54	155	158	0.98	Agreement
E5239-162	1st/2007	Water	Fe-59	87.1	91.7	0.95	Agreement
E5239-162	1st/2007	Water	Zn-65	886	869	1.02	Agreement
E5239-162	1st/2007	Water	Co-60	131	132	0.99	Agreement
E5240-162	1st/2007	Water	Sr-89	127	137	0.92	Agreement
E5240-162	1st/2007	Water	Sr-90	9.39	9.99	0.94	Agreement
E5241-162	1st/2007	Charcoal	I-131	67.6	70.2	0.96	Agreement
E5242-162	1st/2007	Filter	Gross Alpha	67.2	69.1	0.97	Agreement
E5242-162	1st/2007	Filter	Gross Beta	69.4	61.9	1.12	Agreement
E5243-162	1st/2007	Milk	I-131LL	85.1	85.2	1.00	Agreement
E5243-162	1st/2007	Milk	I-131	75.4	85.2	0.88	Agreement
E5243-162	1st/2007	Milk	Ce-141	294	297	0.99	Agreement
E5243-162	1st/2007	Milk	Cr-51	226	245	0.92	Agreement
E5243-162	1st/2007	Milk	Cs-134	104	112	0.93	Agreement
E5243-162	1st/2007	Milk	Cs-137	228	234	0.97	Agreement
E5243-162	1st/2007	Milk	Co-58	98.1	98.8	0.99	Agreement
E5243-162	1st/2007	Milk	Mn-54	184	182	1.01	Agreement
E5243-162	1st/2007	Milk	Fe-59	109	106	1.03	Agreement
E5243-162	1st/2007	Milk	Zn-65	1041	1000	1.04	Agreement
E5243-162	1st/2007	Milk	Co-60	148	152	0.98	Agreement
E5244-162	1st/2007	Milk	Sr-89	126	137	0.92	Agreement
E5244-162	1st/2007	Milk	Sr-90	8.85	10	0.88	Agreement

\* pCi/Liter (Filters in pCi)

**TABLE C.2 (cont'd)**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM**  
**Quarter 4, 2006 - Quarter 4, 2007**

Sample Number	Quarter/Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/Analytics	Evaluation
E5334-162	2nd/2007	Water	H-3	8520	9040	0.94	Agreement
E5335-162	2nd/2007	Filter	Gross Alpha	122.7	125	0.98	Agreement
E5335-162	2nd/2007	Filter	Gross Beta	137.9	122	1.13	Agreement
E5335-162	2nd/2007	Filter	Ce-141	94.1	107	0.88	Agreement
E5335-162	2nd/2007	Filter	Cr-51	230	273	0.84	Non-Agreement (1)
E5335-162	2nd/2007	Filter	Cs-134	114.3	129	0.89	Agreement
E5335-162	2nd/2007	Filter	Cs-137	86.3	90.1	0.96	Agreement
E5335-162	2nd/2007	Filter	Co-58	98.4	106	0.93	Agreement
E5335-162	2nd/2007	Filter	Mn-54	83.3	88.5	0.94	Agreement
E5335-162	2nd/2007	Filter	Fe-59	79	89.0	0.89	Agreement
E5335-162	2nd/2007	Filter	Zn-65	167	178	0.94	Agreement
E5335-162	2nd/2007	Filter	Co-60	112	127	0.89	Agreement
E5337-162	2nd/2007	Filter	Sr-89	71.4	91.2	0.78	Agreement
E5337-162	2nd/2007	Filter	Sr-90	10.1	12.4	0.82	Agreement
E5338-162	2nd/2007	Milk	I-131LL	73.5	70.1	1.05	Agreement
E5338-162	2nd/2007	Milk	I-131	75	70.1	1.07	Agreement
E5338-162	2nd/2007	Milk	Ce-141	168	200	0.84	Non-Agreement (2)
E5338-162	2nd/2007	Milk	Cr-51	447	512	0.87	Agreement
E5338-162	2nd/2007	Milk	Cs-134	223	242	0.92	Agreement
E5338-162	2nd/2007	Milk	Cs-137	165	169	0.98	Agreement
E5338-162	2nd/2007	Milk	Co-58	203	198	1.02	Agreement
E5338-162	2nd/2007	Milk	Mn-54	178	166	1.07	Agreement
E5338-162	2nd/2007	Milk	Fe-59	170	167	1.02	Agreement
E5338-162	2nd/2007	Milk	Zn-65	343	334	1.03	Agreement
E5338-162	2nd/2007	Milk	Co-60	238	238	1.00	Agreement

\* pCi/Liter (Filters in pCi)

(1) Cr-51 on filter outside of acceptance limit. CR 08-02 generated.

(2) Ce-141 in milk outside of acceptance limit. CR 08-02 generated.



**TABLE C.2 (cont'd)**  
**E-LAB RESULTS IN THE ANALYTICS INC. CROSS CHECK PROGRAM**  
**Quarter 4, 2006 - Quarter 3, 2007**

Sample Number	Quarter/Year	Sample Media	Nuclide	Reported Value	Known Value	Ratio E-LAB/Analytics	Evaluation
E5430-162	3rd /2007	Water	Gross Alpha	112	109	1.03	Agreement
E5430-162	3rd /2007	Water	Gross Beta	218	214	1.02	Agreement
E5431-162	3rd /2007	Water	I-131LL	83.4	80.1	1.04	Agreement
E5431-162	3rd /2007	Water	I-131	80.2	80.1	1.00	Agreement
E5431-162	3rd /2007	Water	Ce-141	176	182	0.97	Agreement
E5431-162	3rd /2007	Water	Cr-51	228	249	0.92	Agreement
E5431-162	3rd /2007	Water	Cs-134	111	127	0.87	Agreement
E5431-162	3rd /2007	Water	Cs-137	112	112	1.00	Agreement
E5431-162	3rd /2007	Water	Co-58	94.3	98.1	0.96	Agreement
E5431-162	3rd /2007	Water	Mn-54	141	144	0.98	Agreement
E5431-162	3rd /2007	Water	Fe-59	94.8	95.1	1.00	Agreement
E5431-162	3rd /2007	Water	Zn-65	186	174	1.07	Agreement
E5431-162	3rd /2007	Water	Co-60	120	127	0.94	Agreement
E5432-162	3rd /2007	Charcoal	I-131	66.5	69.6	0.96	Agreement
E5433-162	3rd /2007	Filter	Gross Alpha	86.4	105	0.82	Non-Agreement (3)
E5433-162	3rd /2007	Filter	Gross Beta	207	213	0.97	Agreement
E5434-162	3rd /2007	Milk	I-131LL	87.2	85.2	1.02	Agreement
E5434-162	3rd /2007	Milk	I-131	82.9	85.2	0.97	Agreement
E5434-162	3rd /2007	Milk	Ce-141	196	211	0.93	Agreement
E5434-162	3rd /2007	Milk	Cr-51	282	289	0.97	Agreement
E5434-162	3rd /2007	Milk	Cs-134	141	147	0.96	Agreement
E5434-162	3rd /2007	Milk	Cs-137	126	131	0.96	Agreement
E5434-162	3rd /2007	Milk	Co-58	111	114	0.97	Agreement
E5434-162	3rd /2007	Milk	Mn-54	171	168	1.02	Agreement
E5434-162	3rd /2007	Milk	Fe-59	112	111	1.01	Agreement
E5434-162	3rd /2007	Milk	Zn-65	212	202	1.05	Agreement
E5434-162	3rd /2007	Milk	Co-60	145	148	0.98	Agreement
E5435-162	3rd /2007	Milk	Sr-89	89.2	94.9	0.94	Agreement
E5435-162	3rd /2007	Milk	Sr-90	12.9	13.1	0.98	Agreement

\* pCi/Liter (Filters in pCi)

(3) Gross alpha on filter outside of acceptance limit. CR 08-01 Generated.

**TABLE C.3****SUMMARY OF BLIND DUPLICATE SAMPLES  
January - December 2007**

<b>TYPE OF SAMPLE</b>	<b>NUMBER OF PAIRED SAMPLES SUBMITTED</b>
Water	8
Algae	2
Mussels	2
TOTAL	12

**APPENDIX D**

**2007 DATA SUMMARY**

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L11893-01	1/3/2007	GROSS BETA	3.28E-02	2.50E-03	5.50E-03	*
AP	ONS-2	L11893-02	1/3/2007	GROSS BETA	4.04E-02	2.60E-03	5.30E-03	*
AP	ONS-3	L11893-03	1/3/2007	GROSS BETA	3.31E-02	2.40E-03	5.30E-03	*
AP	ONS-4	L11893-04	1/3/2007	GROSS BETA	3.55E-02	2.50E-03	5.30E-03	*
AP	ONS-5	L11893-05	1/3/2007	GROSS BETA	3.16E-02	2.40E-03	5.20E-03	*
AP	ONS-6	L11893-06	1/3/2007	GROSS BETA	3.73E-02	2.50E-03	5.10E-03	*
AP	NBF	L11893-07	1/3/2007	GROSS BETA	3.85E-02	2.60E-03	5.50E-03	*
AP	SBN	L11893-08	1/3/2007	GROSS BETA	3.40E-02	2.50E-03	5.30E-03	*
AP	DOW	L11893-09	1/3/2007	GROSS BETA	3.26E-02	2.40E-03	5.30E-03	*
AP	COL	L11893-10	1/3/2007	GROSS BETA	3.71E-02	2.60E-03	5.40E-03	*
AP	ONS-1	L11910-01	1/10/2007	GROSS BETA	2.42E-02	2.30E-03	5.70E-03	*
AP	ONS-2	L11910-02	1/10/2007	GROSS BETA	2.41E-02	2.30E-03	5.60E-03	*
AP	ONS-3	L11910-03	1/10/2007	GROSS BETA	2.57E-02	2.40E-03	5.70E-03	*
AP	ONS-4	L11910-04	1/10/2007	GROSS BETA	2.39E-02	2.30E-03	5.70E-03	*
AP	ONS-5	L11910-05	1/10/2007	GROSS BETA	2.61E-02	2.30E-03	5.40E-03	*
AP	ONS-6	L11910-06	1/10/2007	GROSS BETA	1.96E-02	2.10E-03	5.40E-03	*
AP	NBF	L11910-07	1/10/2007	GROSS BETA	2.46E-02	2.40E-03	5.80E-03	*
AP	SBN	L11910-08	1/10/2007	GROSS BETA	2.34E-02	2.30E-03	5.60E-03	*
AP	DOW	L11910-09	1/10/2007	GROSS BETA	3.10E-02	2.40E-03	5.50E-03	*
AP	COL	L11910-10	1/10/2007	GROSS BETA	2.20E-02	2.30E-03	5.60E-03	*
AP	ONS-1	L11935-01	1/17/2007	GROSS BETA	2.07E-02	2.20E-03	5.40E-03	*
AP	ONS-2	L11935-02	1/17/2007	GROSS BETA	1.82E-02	2.10E-03	5.50E-03	*
AP	ONS-3	L11935-03	1/17/2007	GROSS BETA	1.94E-02	2.20E-03	5.50E-03	*
AP	ONS-4	L11935-04	1/17/2007	GROSS BETA	2.15E-02	2.30E-03	5.70E-03	*
AP	ONS-5	L11935-05	1/17/2007	GROSS BETA	1.66E-02	2.20E-03	6.00E-03	*
AP	ONS-6	L11935-06	1/17/2007	GROSS BETA	2.01E-02	2.10E-03	5.40E-03	*
AP	NBF	L11935-07	1/17/2007	GROSS BETA	1.68E-02	2.10E-03	5.50E-03	*
AP	SBN	L11935-08	1/17/2007	GROSS BETA	1.42E-02	2.00E-03	5.40E-03	*
AP	DOW	L11935-09	1/17/2007	GROSS BETA	1.95E-02	2.10E-03	5.40E-03	*
AP	COL	L11935-10	1/17/2007	GROSS BETA	1.93E-02	2.30E-03	6.00E-03	*
AP	ONS-1	L11949-01	1/24/2007	GROSS BETA	3.30E-02	2.40E-03	5.20E-03	*
AP	ONS-2	L11949-02	1/24/2007	GROSS BETA	3.96E-02	2.60E-03	5.40E-03	*
AP	ONS-3	L11949-03	1/24/2007	GROSS BETA	4.40E-02	2.70E-03	5.50E-03	*
AP	ONS-4	L11949-04	1/24/2007	GROSS BETA	4.03E-02	2.70E-03	5.60E-03	*
AP	ONS-5	L11949-05	1/24/2007	GROSS BETA	4.09E-02	2.70E-03	5.70E-03	*
AP	ONS-6	L11949-06	1/24/2007	GROSS BETA	3.97E-02	2.60E-03	5.30E-03	*
AP	NBF	L11949-07	1/24/2007	GROSS BETA	3.60E-02	2.50E-03	5.40E-03	*
AP	SBN	L11949-08	1/24/2007	GROSS BETA	4.05E-02	2.60E-03	5.40E-03	*
AP	DOW	L11949-09	1/24/2007	GROSS BETA	3.81E-02	2.50E-03	5.30E-03	*
AP	COL	L11949-10	1/24/2007	GROSS BETA	3.87E-02	2.70E-03	5.80E-03	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L11983-01	1/31/2007	GROSS BETA	3.30E-02	2.50E-03	5.60E-03	*
AP	ONS-2	L11983-02	1/31/2007	GROSS BETA	3.27E-02	2.50E-03	5.60E-03	*
AP	ONS-3	L11983-03	1/31/2007	GROSS BETA	3.23E-02	2.40E-03	5.30E-03	*
AP	ONS-4	L11983-04	1/31/2007	GROSS BETA	3.85E-02	2.50E-03	5.40E-03	*
AP	ONS-5	L11983-05	1/31/2007	GROSS BETA	3.82E-02	2.60E-03	5.70E-03	*
AP	ONS-6	L11983-06	1/31/2007	GROSS BETA	3.83E-02	2.40E-03	4.90E-03	*
AP	NBF	L11983-07	1/31/2007	GROSS BETA	3.50E-02	2.60E-03	5.80E-03	*
AP	SBN	L11983-08	1/31/2007	GROSS BETA	3.15E-02	2.50E-03	5.70E-03	*
AP	DOW	L11983-09	1/31/2007	GROSS BETA	3.32E-02	2.50E-03	5.70E-03	*
AP	COL	L11983-10	1/31/2007	GROSS BETA	3.67E-02	2.80E-03	6.20E-03	*
AP	ONS-1	L12006-01	2/7/2007	GROSS BETA	3.55E-02	2.50E-03	5.30E-03	*
AP	ONS-2	L12006-02	2/7/2007	GROSS BETA	3.18E-02	2.40E-03	5.20E-03	*
AP	ONS-3	L12006-03	2/7/2007	GROSS BETA	3.48E-02	2.50E-03	5.20E-03	*
AP	ONS-4	L12006-04	2/7/2007	GROSS BETA	3.58E-02	2.50E-03	5.10E-03	*
AP	ONS-5	L12006-05	2/7/2007	GROSS BETA	3.32E-02	2.40E-03	5.20E-03	*
AP	ONS-6	L12006-06	2/7/2007	GROSS BETA	3.43E-02	2.50E-03	5.20E-03	*
AP	NBF	L12006-07	2/7/2007	GROSS BETA	3.39E-02	2.50E-03	5.30E-03	*
AP	SBN	L12006-08	2/7/2007	GROSS BETA	3.34E-02	2.50E-03	5.20E-03	*
AP	DOW	L12006-09	2/7/2007	GROSS BETA	3.80E-02	2.50E-03	5.20E-03	*
AP	COL	L12006-10	2/7/2007	GROSS BETA	3.16E-02	2.40E-03	5.30E-03	*
AP	ONS-1	L12029-01	2/14/2007	GROSS BETA	2.92E-02	2.40E-03	5.50E-03	*
AP	ONS-2	L12029-02	2/14/2007	GROSS BETA	2.44E-02	2.30E-03	5.40E-03	*
AP	ONS-3	L12029-03	2/14/2007	GROSS BETA	3.16E-02	2.40E-03	5.40E-03	*
AP	ONS-4	L12029-04	2/14/2007	GROSS BETA	3.33E-02	2.40E-03	5.40E-03	*
AP	ONS-5	L12029-05	2/14/2007	GROSS BETA	3.04E-02	2.40E-03	5.40E-03	*
AP	ONS-6	L12029-06	2/14/2007	GROSS BETA	2.76E-02	2.30E-03	5.40E-03	*
AP	NBF	L12029-07	2/14/2007	GROSS BETA	2.55E-02	2.30E-03	5.40E-03	*
AP	SBN	L12029-08	2/14/2007	GROSS BETA	3.20E-02	2.50E-03	5.50E-03	*
AP	DOW	L12029-09	2/14/2007	GROSS BETA	3.10E-02	2.40E-03	5.40E-03	*
AP	COL	L12029-10	2/14/2007	GROSS BETA	2.96E-02	2.40E-03	5.50E-03	*
AP	ONS-1	L12063-01	2/21/2007	GROSS BETA	2.82E-02	2.30E-03	4.80E-03	*
AP	ONS-2	L12063-02	2/21/2007	GROSS BETA	3.11E-02	2.40E-03	4.80E-03	*
AP	ONS-3	L12063-03	2/21/2007	GROSS BETA	3.08E-02	2.40E-03	4.90E-03	*
AP	ONS-4	L12063-04	2/21/2007	GROSS BETA	2.87E-02	2.30E-03	4.70E-03	*
AP	ONS-5	L12063-05	2/21/2007	GROSS BETA	2.83E-02	2.30E-03	4.80E-03	*
AP	ONS-6	L12063-06	2/21/2007	GROSS BETA	2.80E-02	2.30E-03	4.90E-03	*
AP	NBF	L12063-07	2/21/2007	GROSS BETA	2.97E-02	2.40E-03	5.00E-03	*
AP	SBN	L12063-08	2/21/2007	GROSS BETA	2.67E-02	2.30E-03	4.90E-03	*
AP	DOW	L12063-09	2/21/2007	GROSS BETA	3.33E-02	2.40E-03	4.80E-03	*
AP	COL	L12063-10	2/21/2007	GROSS BETA	3.02E-02	2.30E-03	4.60E-03	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L12081-01	2/28/2007	GROSS BETA	2.19E-02	2.20E-03	5.50E-03	*
AP	ONS-2	L12081-02	2/28/2007	GROSS BETA	2.20E-02	2.30E-03	5.60E-03	*
AP	ONS-3	L12081-03	2/28/2007	GROSS BETA	2.37E-02	2.30E-03	5.60E-03	*
AP	ONS-4	L12081-04	2/28/2007	GROSS BETA	2.03E-02	2.10E-03	5.30E-03	*
AP	ONS-5	L12081-05	2/28/2007	GROSS BETA	2.41E-02	2.30E-03	5.60E-03	*
AP	ONS-6	L12081-06	2/28/2007	GROSS BETA	2.13E-02	2.20E-03	5.60E-03	*
AP	NBF	L12081-07	2/28/2007	GROSS BETA	2.48E-02	2.40E-03	5.90E-03	*
AP	SBN	L12081-08	2/28/2007	GROSS BETA	2.39E-02	2.30E-03	5.60E-03	*
AP	DOW	L12081-09	2/28/2007	GROSS BETA	2.42E-02	2.30E-03	5.60E-03	*
AP	COL	L12081-10	2/28/2007	GROSS BETA	2.02E-02	2.10E-03	5.30E-03	*
AP	ONS-1	L12120-01	3/7/2007	GROSS BETA	2.47E-02	2.30E-03	5.30E-03	*
AP	ONS-2	L12120-02	3/7/2007	GROSS BETA	2.72E-02	2.30E-03	5.40E-03	*
AP	ONS-3	L12120-03	3/7/2007	GROSS BETA	2.38E-02	2.30E-03	5.50E-03	*
AP	ONS-4	L12120-04	3/7/2007	GROSS BETA	2.64E-02	2.30E-03	5.30E-03	*
AP	ONS-5	L12120-05	3/7/2007	GROSS BETA	2.61E-02	2.30E-03	5.50E-03	*
AP	ONS-6	L12120-06	3/7/2007	GROSS BETA	2.47E-02	2.30E-03	5.40E-03	*
AP	NBF	L12120-07	3/7/2007	GROSS BETA	2.92E-02	2.50E-03	5.80E-03	*
AP	SBN	L12120-08	3/7/2007	GROSS BETA	2.59E-02	2.30E-03	5.30E-03	*
AP	DOW	L12120-09	3/7/2007	GROSS BETA	2.34E-02	2.20E-03	5.30E-03	*
AP	COL	L12120-10	3/7/2007	GROSS BETA	2.45E-02	2.20E-03	5.10E-03	*
AP	ONS-1	L12138-01	3/14/2007	GROSS BETA	3.00E-02	2.40E-03	5.30E-03	*
AP	ONS-2	L12138-02	3/14/2007	GROSS BETA	2.81E-02	2.40E-03	5.40E-03	*
AP	ONS-3	L12138-03	3/14/2007	GROSS BETA	3.07E-02	2.40E-03	5.40E-03	*
AP	ONS-4	L12138-04	3/14/2007	GROSS BETA	3.12E-02	2.40E-03	5.30E-03	*
AP	ONS-5	L12138-05	3/14/2007	GROSS BETA	3.28E-02	2.50E-03	5.40E-03	*
AP	ONS-6	L12138-06	3/14/2007	GROSS BETA	3.30E-02	2.50E-03	5.40E-03	*
AP	NBF	L12138-07	3/14/2007	GROSS BETA	3.03E-02	2.40E-03	5.40E-03	*
AP	SBN	L12138-08	3/14/2007	GROSS BETA	3.56E-02	2.50E-03	5.40E-03	*
AP	DOW	L12138-09	3/14/2007	GROSS BETA	3.27E-02	2.50E-03	5.40E-03	*
AP	COL	L12138-10	3/14/2007	GROSS BETA	3.19E-02	2.40E-03	5.20E-03	*
AP	ONS-1	L12181-01	3/21/2007	GROSS BETA	2.56E-02	2.30E-03	5.50E-03	*
AP	ONS-2	L12181-02	3/21/2007	GROSS BETA	2.24E-02	2.40E-03	5.90E-03	*
AP	ONS-3	L12181-03	3/21/2007	GROSS BETA	2.74E-02	2.40E-03	5.90E-03	*
AP	ONS-4	L12181-04	3/21/2007	GROSS BETA	2.46E-02	2.30E-03	5.70E-03	*
AP	ONS-5	L12181-05	3/21/2007	GROSS BETA	2.52E-02	2.40E-03	5.90E-03	*
AP	ONS-6	L12181-06	3/21/2007	GROSS BETA	2.27E-02	2.40E-03	5.90E-03	*
AP	NBF	L12181-07	3/21/2007	GROSS BETA	2.75E-02	2.40E-03	5.80E-03	*
AP	SBN	L12181-08	3/21/2007	GROSS BETA	2.50E-02	2.40E-03	5.90E-03	*
AP	DOW	L12181-09	3/21/2007	GROSS BETA	2.23E-02	2.30E-03	5.90E-03	*
AP	COL	L12181-10	3/21/2007	GROSS BETA	2.45E-02	2.30E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L12204-01	3/28/2007	GROSS BETA	2.10E-02	2.20E-03	5.50E-03	*
AP	ONS-2	L12204-02	3/28/2007	GROSS BETA	2.15E-02	2.30E-03	5.80E-03	*
AP	ONS-3	L12204-03	3/28/2007	GROSS BETA	2.34E-02	2.30E-03	5.70E-03	*
AP	ONS-4	L12204-04	3/28/2007	GROSS BETA	2.02E-02	2.20E-03	5.60E-03	*
AP	ONS-5	L12204-05	3/28/2007	GROSS BETA	2.46E-02	2.40E-03	5.70E-03	*
AP	ONS-6	L12204-06	3/28/2007	GROSS BETA	2.07E-02	2.30E-03	5.80E-03	*
AP	NBF	L12204-07	3/28/2007	GROSS BETA	2.45E-02	2.30E-03	5.60E-03	*
AP	SBN	L12204-08	3/28/2007	GROSS BETA	2.19E-02	2.30E-03	5.70E-03	*
AP	DOW	L12204-09	3/28/2007	GROSS BETA	2.40E-02	2.30E-03	5.70E-03	*
AP	COL	L12204-10	3/28/2007	GROSS BETA	2.39E-02	2.30E-03	5.60E-03	*
AP	ONS-1	L12238-01	4/4/2007	GROSS BETA	2.35E-02	2.20E-03	5.20E-03	*
AP	ONS-2	L12238-02	4/4/2007	GROSS BETA	2.31E-02	2.20E-03	5.40E-03	*
AP	ONS-3	L12238-03	4/4/2007	GROSS BETA	2.12E-02	2.20E-03	5.40E-03	*
AP	ONS-4	L12238-04	4/4/2007	GROSS BETA	2.68E-02	2.30E-03	5.30E-03	*
AP	ONS-5	L12238-05	4/4/2007	GROSS BETA	2.18E-02	2.20E-03	5.40E-03	*
AP	ONS-6	L12238-06	4/4/2007	GROSS BETA	2.18E-02	2.20E-03	5.40E-03	*
AP	NBF	L12238-07	4/4/2007	GROSS BETA	2.20E-02	2.30E-03	5.60E-03	*
AP	SBN	L12238-08	4/4/2007	GROSS BETA	2.33E-02	2.20E-03	5.40E-03	*
AP	DOW	L12238-09	4/4/2007	GROSS BETA	2.14E-02	2.20E-03	5.40E-03	*
AP	COL	L12238-10	4/4/2007	GROSS BETA	2.23E-02	2.20E-03	5.20E-03	*
AP	ONS-1	L12265-01	4/11/2007	GROSS BETA	2.21E-02	2.00E-03	4.80E-03	*
AP	ONS-2	L12265-02	4/11/2007	GROSS BETA	1.81E-02	2.00E-03	5.10E-03	*
AP	ONS-3	L12265-03	4/11/2007	GROSS BETA	1.98E-02	2.00E-03	5.00E-03	*
AP	ONS-4	L12265-04	4/11/2007	GROSS BETA	2.48E-02	2.30E-03	5.40E-03	*
AP	ONS-5	L12265-05	4/11/2007	GROSS BETA	2.23E-02	2.10E-03	5.10E-03	*
AP	ONS-6	L12265-06	4/11/2007	GROSS BETA	2.15E-02	2.20E-03	5.50E-03	*
AP	NBF	L12265-07	4/11/2007	GROSS BETA	2.53E-02	2.30E-03	5.30E-03	*
AP	SBN	L12265-08	4/11/2007	GROSS BETA	2.19E-02	2.10E-03	4.90E-03	*
AP	DOW	L12265-09	4/11/2007	GROSS BETA	1.53E-02	1.90E-03	4.90E-03	*
AP	COL	L12265-10	4/11/2007	GROSS BETA	2.38E-02	2.10E-03	5.00E-03	*
AP	ONS-1	L12293-01	4/18/2007	GROSS BETA	2.42E-02	2.10E-03	4.80E-03	*
AP	ONS-2	L12293-02	4/18/2007	GROSS BETA	2.93E-02	2.20E-03	4.80E-03	*
AP	ONS-3	L12293-03	4/18/2007	GROSS BETA	2.60E-02	2.10E-03	4.70E-03	*
AP	ONS-4	L12293-04	4/18/2007	GROSS BETA	2.62E-02	2.10E-03	4.60E-03	*
AP	ONS-5	L12293-05	4/18/2007	GROSS BETA	2.56E-02	2.20E-03	4.80E-03	*
AP	ONS-6	L12293-06	4/18/2007	GROSS BETA	2.82E-02	2.30E-03	5.10E-03	*
AP	NBF	L12293-07	4/18/2007	GROSS BETA	3.01E-02	2.30E-03	5.00E-03	*
AP	SBN	L12293-08	4/18/2007	GROSS BETA	2.45E-02	2.20E-03	5.00E-03	*
AP	DOW	L12293-09	4/18/2007	GROSS BETA	2.53E-02	2.10E-03	4.70E-03	*
AP	COL	L12293-10	4/18/2007	GROSS BETA	2.86E-02	2.20E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L12341-01	4/25/2007	GROSS BETA	1.89E-02	2.00E-03	5.00E-03	*
AP	ONS-2	L12341-02	4/25/2007	GROSS BETA	2.56E-02	2.20E-03	5.20E-03	*
AP	ONS-3	L12341-03	4/25/2007	GROSS BETA	2.16E-02	2.10E-03	5.10E-03	*
AP	ONS-4	L12341-04	4/25/2007	GROSS BETA	1.93E-02	2.00E-03	5.10E-03	*
AP	ONS-5	L12341-05	4/25/2007	GROSS BETA	2.04E-02	2.10E-03	5.10E-03	*
AP	ONS-6	L12341-06	4/25/2007	GROSS BETA	1.82E-02	2.10E-03	5.20E-03	*
AP	NBF	L12341-07	4/25/2007	GROSS BETA	2.03E-02	2.10E-03	5.30E-03	*
AP	SBN	L12341-08	4/25/2007	GROSS BETA	1.46E-02	2.00E-03	5.40E-03	*
AP	DOW	L12341-09	4/25/2007	GROSS BETA	1.77E-02	2.00E-03	5.10E-03	*
AP	COL	L12341-10	4/25/2007	GROSS BETA	2.24E-02	2.10E-03	5.00E-03	*
AP	ONS-1	L12364-01	5/2/2007	GROSS BETA	1.78E-02	2.00E-03	5.00E-03	*
AP	ONS-2	L12364-02	5/2/2007	GROSS BETA	1.90E-02	2.10E-03	5.20E-03	*
AP	ONS-3	L12364-03	5/2/2007	GROSS BETA	1.72E-02	2.00E-03	5.00E-03	*
AP	ONS-4	L12364-04	5/2/2007	GROSS BETA	1.75E-02	1.90E-03	4.90E-03	*
AP	ONS-5	L12364-05	5/2/2007	GROSS BETA	1.64E-02	1.90E-03	5.10E-03	*
AP	ONS-6	L12364-06	5/2/2007	GROSS BETA	1.86E-02	2.10E-03	5.30E-03	*
AP	NBF	L12364-07	5/2/2007	GROSS BETA	1.72E-02	2.10E-03	5.30E-03	*
AP	SBN	L12364-08	5/2/2007	GROSS BETA	2.06E-02	2.10E-03	5.30E-03	*
AP	DOW	L12364-09	5/2/2007	GROSS BETA	1.54E-02	1.90E-03	5.10E-03	*
AP	COL	L12364-10	5/2/2007	GROSS BETA	1.90E-02	2.00E-03	5.10E-03	*
AP	ONS-1	L12399-01	5/9/2007	GROSS BETA	1.94E-02	2.30E-03	5.90E-03	*
AP	ONS-2	L12399-02	5/9/2007	GROSS BETA	2.40E-02	2.30E-03	5.50E-03	*
AP	ONS-3	L12399-03	5/9/2007	GROSS BETA	2.62E-02	2.30E-03	5.50E-03	*
AP	ONS-4	L12399-04	5/9/2007	GROSS BETA	2.35E-02	2.20E-03	5.40E-03	*
AP	ONS-5	L12399-05	5/9/2007	GROSS BETA	2.05E-02	2.20E-03	5.50E-03	*
AP	ONS-6	L12399-06	5/9/2007	GROSS BETA	1.79E-02	2.20E-03	5.60E-03	*
AP	NBF	L12399-07	5/9/2007	GROSS BETA	1.98E-02	2.30E-03	6.00E-03	*
AP	SBN	L12399-08	5/9/2007	GROSS BETA	2.35E-02	2.30E-03	5.70E-03	*
AP	DOW	L12399-09	5/9/2007	GROSS BETA	2.34E-02	2.20E-03	5.50E-03	*
AP	COL	L12399-10	5/9/2007	GROSS BETA	2.10E-02	2.20E-03	5.50E-03	*
AP	ONS-1	L12426-01	5/16/2007	GROSS BETA	2.21E-02	2.20E-03	5.30E-03	*
AP	ONS-2	L12426-02	5/16/2007	GROSS BETA	2.48E-02	2.20E-03	5.00E-03	*
AP	ONS-3	L12426-03	5/16/2007	GROSS BETA	2.36E-02	2.10E-03	4.90E-03	*
AP	ONS-4	L12426-04	5/16/2007	GROSS BETA	2.56E-02	2.20E-03	4.90E-03	*
AP	ONS-5	L12426-05	5/16/2007	GROSS BETA	2.31E-02	2.10E-03	4.90E-03	*
AP	ONS-6	L12426-06	5/16/2007	GROSS BETA	2.64E-02	2.30E-03	5.20E-03	*
AP	NBF	L12426-07	5/16/2007	GROSS BETA	2.20E-02	2.20E-03	5.20E-03	*
AP	SBN	L12426-08	5/16/2007	GROSS BETA	2.83E-02	2.30E-03	5.20E-03	*
AP	DOW	L12426-09	5/16/2007	GROSS BETA	2.44E-02	2.10E-03	4.80E-03	*
AP	COL	L12426-10	5/16/2007	GROSS BETA	2.79E-02	2.20E-03	4.90E-03	*

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L12463-01	5/23/2007	GROSS BETA	2.32E-02	2.20E-03	5.20E-03	*
AP	ONS-2	L12463-02	5/23/2007	GROSS BETA	2.32E-02	2.10E-03	5.00E-03	*
AP	ONS-3	L12463-03	5/23/2007	GROSS BETA	2.60E-02	2.30E-03	5.40E-03	*
AP	ONS-4	L12463-04	5/23/2007	GROSS BETA	2.57E-02	2.30E-03	5.40E-03	*
AP	ONS-5	L12463-05	5/23/2007	GROSS BETA	2.34E-02	2.20E-03	5.30E-03	*
AP	ONS-6	L12463-06	5/23/2007	GROSS BETA	2.18E-02	2.20E-03	5.20E-03	*
AP	NBF	L12463-07	5/23/2007	GROSS BETA	2.24E-02	2.20E-03	5.40E-03	*
AP	SBN	L12463-08	5/23/2007	GROSS BETA	2.36E-02	2.20E-03	5.30E-03	*
AP	DOW	L12463-09	5/23/2007	GROSS BETA	2.75E-02	2.30E-03	5.30E-03	*
AP	COL	L12463-10	5/23/2007	GROSS BETA	2.08E-02	2.10E-03	5.00E-03	*
AP	ONS-1	L12486-01	5/30/2007	GROSS BETA	2.95E-02	2.30E-03	5.20E-03	*
AP	ONS-2	L12486-02	5/30/2007	GROSS BETA	-1.32E+00	8.90E-01	3.20E+00	+
AP	ONS-3	L12486-03	5/30/2007	GROSS BETA	2.87E-02	2.40E-03	5.50E-03	*
AP	ONS-4	L12486-04	5/30/2007	GROSS BETA	2.98E-02	2.40E-03	5.50E-03	*
AP	ONS-5	L12486-05	5/30/2007	GROSS BETA	2.83E-02	2.40E-03	5.40E-03	*
AP	ONS-6	L12486-06	5/30/2007	GROSS BETA	2.92E-02	2.30E-03	5.20E-03	*
AP	NBF	L12486-07	5/30/2007	GROSS BETA	2.72E-02	2.40E-03	5.50E-03	*
AP	SBN	L12486-08	5/30/2007	GROSS BETA	2.97E-02	2.30E-03	5.20E-03	*
AP	DOW	L12486-09	5/30/2007	GROSS BETA	3.13E-02	2.40E-03	5.40E-03	*
AP	COL	L12486-10	5/30/2007	GROSS BETA	-9.60E-01	9.00E-01	3.20E+00	+
AP	ONS-1	L12508-01	6/6/2007	GROSS BETA	2.66E-02	2.30E-03	5.20E-03	*
AP	ONS-2	L12508-02	6/6/2007	GROSS BETA	2.60E-02	2.20E-03	5.00E-03	*
AP	ONS-3	L12508-03	6/6/2007	GROSS BETA	2.57E-02	2.30E-03	5.20E-03	*
AP	ONS-4	L12508-04	6/6/2007	GROSS BETA	2.56E-02	2.20E-03	4.90E-03	*
AP	ONS-5	L12508-05	6/6/2007	GROSS BETA	2.75E-02	2.30E-03	5.20E-03	*
AP	ONS-6	L12508-06	6/6/2007	GROSS BETA	2.79E-02	2.30E-03	5.20E-03	*
AP	NBF	L12508-07	6/6/2007	GROSS BETA	3.04E-02	2.40E-03	5.20E-03	*
AP	SBN	L12508-08	6/6/2007	GROSS BETA	2.61E-02	2.30E-03	5.20E-03	*
AP	DOW	L12508-09	6/6/2007	GROSS BETA	2.51E-02	2.30E-03	5.20E-03	*
AP	COL	L12508-10	6/6/2007	GROSS BETA	2.76E-02	2.20E-03	4.90E-03	*
AP	ONS-1	L12543-01	6/13/2007	GROSS BETA	2.54E-02	2.20E-03	5.20E-03	*
AP	ONS-2	L12543-02	6/13/2007	GROSS BETA	2.61E-02	2.20E-03	5.10E-03	*
AP	ONS-3	L12543-03	6/13/2007	GROSS BETA	2.96E-02	2.40E-03	5.40E-03	*
AP	ONS-4	L12543-04	6/13/2007	GROSS BETA	2.31E-02	2.20E-03	5.10E-03	*
AP	ONS-5	L12543-05	6/13/2007	GROSS BETA	2.68E-02	2.30E-03	5.40E-03	*
AP	ONS-6	L12543-06	6/13/2007	GROSS BETA	2.41E-02	2.20E-03	5.30E-03	*
AP	NBF	L12543-07	6/13/2007	GROSS BETA	2.55E-02	2.30E-03	5.30E-03	*
AP	SBN	L12543-08	6/13/2007	GROSS BETA	2.49E-02	2.20E-03	5.20E-03	*
AP	DOW	L12543-09	6/13/2007	GROSS BETA	2.79E-02	2.30E-03	5.30E-03	*
AP	COL	L12543-10	6/13/2007	GROSS BETA	2.64E-02	2.20E-03	5.00E-03	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-1	L12571-01	6/20/2007	GROSS BETA	3.52E-02	2.50E-03	5.20E-03	*
AP	ONS-2	L12571-02	6/20/2007	GROSS BETA	3.86E-02	2.60E-03	5.20E-03	*
AP	ONS-3	L12571-03	6/20/2007	GROSS BETA	3.83E-02	2.60E-03	5.20E-03	*
AP	ONS-4	L12571-04	6/20/2007	GROSS BETA	3.82E-02	2.50E-03	5.00E-03	*
AP	ONS-5	L12571-05	6/20/2007	GROSS BETA	3.79E-02	2.60E-03	5.20E-03	*
AP	ONS-6	L12571-06	6/20/2007	GROSS BETA	4.07E-02	2.60E-03	5.20E-03	*
AP	NBF	L12571-07	6/20/2007	GROSS BETA	4.01E-02	2.60E-03	5.20E-03	*
AP	SBN	L12571-08	6/20/2007	GROSS BETA	3.83E-02	2.50E-03	5.20E-03	*
AP	DOW	L12571-09	6/20/2007	GROSS BETA	3.43E-02	2.40E-03	5.20E-03	*
AP	COL	L12571-10	6/20/2007	GROSS BETA	3.84E-02	2.50E-03	5.10E-03	*
AP	ONS-1	L12627-01	6/27/2007	GROSS BETA	3.35E-02	2.50E-03	5.20E-03	*
AP	ONS-2	L12627-02	6/27/2007	GROSS BETA	2.86E-02	2.30E-03	5.20E-03	*
AP	ONS-3	L12627-03	6/27/2007	GROSS BETA	3.04E-02	2.40E-03	5.20E-03	*
AP	ONS-4	L12627-04	6/27/2007	GROSS BETA	2.94E-02	2.30E-03	4.90E-03	*
AP	ONS-5	L12627-05	6/27/2007	GROSS BETA	3.39E-02	2.40E-03	5.20E-03	*
AP	ONS-6	L12627-06	6/27/2007	GROSS BETA	3.05E-02	2.40E-03	5.10E-03	*
AP	NBF	L12627-07	6/27/2007	GROSS BETA	3.01E-02	2.40E-03	5.20E-03	*
AP	SBN	L12627-08	6/27/2007	GROSS BETA	2.72E-02	2.20E-03	5.00E-03	*
AP	DOW	L12627-09	6/27/2007	GROSS BETA	3.16E-02	2.40E-03	5.20E-03	*
AP	COL	L12627-10	6/27/2007	GROSS BETA	2.94E-02	2.30E-03	5.10E-03	*
AP	ONS-1	L12647-01	7/5/2007	GROSS BETA	1.86E-02	1.80E-03	4.40E-03	*
AP	ONS-2	L12647-02	7/5/2007	GROSS BETA	1.59E-02	1.90E-03	4.80E-03	*
AP	ONS-3	L12647-03	7/5/2007	GROSS BETA	1.89E-02	1.90E-03	4.60E-03	*
AP	ONS-4	L12647-04	7/5/2007	GROSS BETA	1.84E-02	1.80E-03	4.40E-03	*
AP	ONS-5	L12647-05	7/5/2007	GROSS BETA	1.87E-02	1.90E-03	4.80E-03	*
AP	ONS-6	L12647-06	7/5/2007	GROSS BETA	1.44E-02	1.80E-03	4.80E-03	*
AP	NBF	L12647-07	7/5/2007	GROSS BETA	1.93E-02	2.00E-03	4.80E-03	*
AP	SBN	L12647-08	7/5/2007	GROSS BETA	2.04E-02	1.90E-03	4.60E-03	*
AP	DOW	L12647-09	7/5/2007	GROSS BETA	1.79E-02	1.80E-03	4.50E-03	*
AP	COL	L12647-10	7/5/2007	GROSS BETA	1.67E-02	1.90E-03	4.70E-03	*
AP	ONS-1	L12671-01	7/11/2007	GROSS BETA	3.02E-02	2.60E-03	6.00E-03	*
AP	ONS-2	L12671-02	7/11/2007	GROSS BETA	3.36E-02	2.70E-03	6.30E-03	*
AP	ONS-3	L12671-03	7/11/2007	GROSS BETA	2.98E-02	2.60E-03	6.10E-03	*
AP	ONS-4	L12671-04	7/11/2007	GROSS BETA	3.81E-02	2.80E-03	6.10E-03	*
AP	ONS-5	L12671-05	7/11/2007	GROSS BETA	3.93E-02	3.00E-03	6.80E-03	*
AP	ONS-6	L12671-06	7/11/2007	GROSS BETA	2.94E-02	2.60E-03	6.30E-03	*
AP	NBF	L12671-07	7/11/2007	GROSS BETA	3.40E-02	2.80E-03	6.40E-03	*
AP	SBN	L12671-08	7/11/2007	GROSS BETA	3.16E-02	2.70E-03	6.30E-03	*
AP	DOW	L12671-09	7/11/2007	GROSS BETA	3.42E-02	2.70E-03	6.10E-03	*
AP	COL	L12671-10	7/11/2007	GROSS BETA	3.47E-02	2.80E-03	6.30E-03	*
AP	ONS-1	L12705-01	7/18/2007	GROSS BETA	1.69E-02	2.00E-03	5.20E-03	*

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV (pCi/m3)	MDC (pCi/m3)	
AP	ONS-2	L12705-02	7/18/2007	GROSS BETA	1.77E-02	2.10E-03	5.50E-03	*
AP	ONS-3	L12705-03	7/18/2007	GROSS BETA	1.56E-02	2.00E-03	5.20E-03	*
AP	ONS-4	L12705-04	7/18/2007	GROSS BETA	1.80E-02	2.10E-03	5.20E-03	*
AP	ONS-5	L12705-05	7/18/2007	GROSS BETA	1.36E-02	1.80E-03	4.90E-03	*
AP	ONS-6	L12705-06	7/18/2007	GROSS BETA	2.07E-02	2.20E-03	5.50E-03	*
AP	NBF	L12705-07	7/18/2007	GROSS BETA	1.56E-02	2.10E-03	5.60E-03	*
AP	SBN	L12705-08	7/18/2007	GROSS BETA	1.99E-02	2.10E-03	5.40E-03	*
AP	DOW	L12705-09	7/18/2007	GROSS BETA	1.60E-02	2.00E-03	5.20E-03	*
AP	COL	L12705-10	7/18/2007	GROSS BETA	1.77E-02	2.10E-03	5.50E-03	*
AP	ONS-1	L12735-01	7/25/2007	GROSS BETA	2.26E-02	2.20E-03	5.40E-03	*
AP	ONS-2	L12735-02	7/25/2007	GROSS BETA	2.05E-02	2.10E-03	5.10E-03	*
AP	ONS-3	L12735-03	7/25/2007	GROSS BETA	1.77E-02	2.10E-03	5.20E-03	*
AP	ONS-4	L12735-04	7/25/2007	GROSS BETA	2.01E-02	2.10E-03	5.10E-03	*
AP	ONS-5	L12735-05	7/25/2007	GROSS BETA	2.41E-02	2.20E-03	5.30E-03	*
AP	ONS-6	L12735-06	7/25/2007	GROSS BETA	2.87E-02	2.30E-03	5.10E-03	*
AP	NBF	L12735-07	7/25/2007	GROSS BETA	2.27E-02	2.20E-03	5.20E-03	*
AP	SBN	L12735-08	7/25/2007	GROSS BETA	2.00E-02	2.10E-03	5.10E-03	*
AP	DOW	L12735-09	7/25/2007	GROSS BETA	1.93E-02	2.10E-03	5.20E-03	*
AP	COL	L12735-10	7/25/2007	GROSS BETA	2.09E-02	2.10E-03	5.10E-03	*
AP	ONS-1	L12768-01	8/1/2007	GROSS BETA	3.90E-02	2.50E-03	4.90E-03	*
AP	ONS-2	L12768-02	8/1/2007	GROSS BETA	3.83E-02	2.50E-03	5.10E-03	*
AP	ONS-3	L12768-03	8/1/2007	GROSS BETA	3.86E-02	2.50E-03	4.90E-03	*
AP	ONS-4	L12768-04	8/1/2007	GROSS BETA	3.79E-02	2.50E-03	5.20E-03	*
AP	ONS-5	L12768-05	8/1/2007	GROSS BETA	4.04E-02	2.60E-03	5.20E-03	*
AP	ONS-6	L12768-06	8/1/2007	GROSS BETA	3.48E-02	2.50E-03	5.10E-03	*
AP	NBF	L12768-07	8/1/2007	GROSS BETA	4.38E-02	2.60E-03	5.00E-03	*
AP	SBN	L12768-08	8/1/2007	GROSS BETA	3.88E-02	2.40E-03	4.80E-03	*
AP	DOW	L12768-09	8/1/2007	GROSS BETA	3.94E-02	2.50E-03	4.90E-03	*
AP	COL	L12768-10	8/1/2007	GROSS BETA	3.75E-02	2.50E-03	5.20E-03	*
AP	ONS-1	L12809-01	8/8/2007	GROSS BETA	3.18E-02	2.30E-03	4.60E-03	*
AP	ONS-2	L12809-02	8/8/2007	GROSS BETA	3.29E-02	2.40E-03	4.60E-03	*
AP	ONS-3	L12809-03	8/8/2007	GROSS BETA	3.59E-02	2.30E-03	4.30E-03	*
AP	ONS-4	L12809-04	8/8/2007	GROSS BETA	3.33E-02	2.40E-03	4.70E-03	*
AP	ONS-5	L12809-05	8/8/2007	GROSS BETA	3.39E-02	2.70E-03	5.60E-03	*
AP	ONS-6	L12809-06	8/8/2007	GROSS BETA	3.08E-02	2.30E-03	4.60E-03	*
AP	NBF	L12809-07	8/8/2007	GROSS BETA	3.27E-02	2.40E-03	4.70E-03	*
AP	SBN	L12809-08	8/8/2007	GROSS BETA	3.24E-02	2.20E-03	4.30E-03	*
AP	DOW	L12809-09	8/8/2007	GROSS BETA	3.35E-02	2.30E-03	4.40E-03	*
AP	COL	L12809-10	8/8/2007	GROSS BETA	3.60E-02	2.50E-03	4.70E-03	*
AP	ONS-1	L12841-01	8/15/2007	GROSS BETA	2.89E-02	2.10E-03	4.00E-03	*
AP	ONS-2	L12841-02	8/15/2007	GROSS BETA	2.73E-02	2.20E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-3	L12841-03	8/15/2007	GROSS BETA	2.62E-02	2.10E-03	4.10E-03	*
AP	ONS-4	L12841-04	8/15/2007	GROSS BETA	2.59E-02	2.10E-03	4.30E-03	*
AP	ONS-5	L12841-05	8/15/2007	GROSS BETA	2.74E-02	2.20E-03	4.40E-03	*
AP	ONS-6	L12841-06	8/15/2007	GROSS BETA	2.66E-02	2.00E-03	3.80E-03	*
AP	NBF	L12841-07	8/15/2007	GROSS BETA	2.65E-02	2.10E-03	4.10E-03	*
AP	SBN	L12841-08	8/15/2007	GROSS BETA	2.84E-02	2.10E-03	4.00E-03	*
AP	DOW	L12841-09	8/15/2007	GROSS BETA	3.35E-02	2.20E-03	4.00E-03	*
AP	COL	L12841-10	8/15/2007	GROSS BETA	2.73E-02	2.10E-03	4.00E-03	*
AP	ONS-1	L12870-01	8/22/2007	GROSS BETA	2.21E-02	2.10E-03	5.10E-03	*
AP	ONS-2	L12870-02	8/22/2007	GROSS BETA	2.21E-02	2.20E-03	5.50E-03	*
AP	ONS-3	L12870-03	8/22/2007	GROSS BETA	1.93E-02	2.10E-03	5.20E-03	*
AP	ONS-4	L12870-04	8/22/2007	GROSS BETA	2.45E-02	2.30E-03	5.50E-03	*
AP	ONS-5	L12870-05	8/22/2007	GROSS BETA	2.10E-02	2.20E-03	5.50E-03	*
AP	ONS-6	L12870-06	8/22/2007	GROSS BETA	1.70E-02	2.00E-03	5.20E-03	*
AP	NBF	L12870-07	8/22/2007	GROSS BETA	2.21E-02	2.10E-03	5.20E-03	*
AP	SBN	L12870-08	8/22/2007	GROSS BETA	2.35E-02	2.20E-03	5.10E-03	*
AP	DOW	L12870-09	8/22/2007	GROSS BETA	1.74E-02	1.90E-03	4.90E-03	*
AP	COL	L12870-10	8/22/2007	GROSS BETA	1.90E-02	2.10E-03	5.20E-03	*
AP	ONS-1	L12909-01	8/29/2007	GROSS BETA	3.34E-02	3.10E-03	7.20E-03	*
AP	ONS-2	L12909-02	8/29/2007	GROSS BETA	2.44E-02	2.20E-03	5.10E-03	*
AP	ONS-3	L12909-03	8/29/2007	GROSS BETA	3.18E-02	2.30E-03	4.90E-03	*
AP	ONS-4	L12909-04	8/29/2007	GROSS BETA	2.97E-02	2.30E-03	5.10E-03	*
AP	ONS-5	L12909-05	8/29/2007	GROSS BETA	2.73E-02	2.30E-03	5.20E-03	*
AP	ONS-6	L12909-06	8/29/2007	GROSS BETA	2.79E-02	2.20E-03	4.90E-03	*
AP	NBF	L12909-07	8/29/2007	GROSS BETA	3.16E-02	2.30E-03	4.90E-03	*
AP	SBN	L12909-08	8/29/2007	GROSS BETA	2.75E-02	2.20E-03	4.90E-03	*
AP	DOW	L12909-09	8/29/2007	GROSS BETA	2.67E-02	2.20E-03	4.90E-03	*
AP	COL	L12909-10	8/29/2007	GROSS BETA	3.02E-02	2.30E-03	5.00E-03	*
AP	ONS-1	L12925-01	9/5/2007	GROSS BETA	3.52E-02	2.40E-03	5.20E-03	*
AP	ONS-2	L12925-02	9/5/2007	GROSS BETA	3.88E-02	2.60E-03	5.50E-03	*
AP	ONS-3	L12925-03	9/5/2007	GROSS BETA	3.97E-02	2.60E-03	5.40E-03	*
AP	ONS-4	L12925-04	9/5/2007	GROSS BETA	4.07E-02	2.70E-03	5.60E-03	*
AP	ONS-5	L12925-05	9/5/2007	GROSS BETA	3.71E-02	2.60E-03	5.60E-03	*
AP	ONS-6	L12925-06	9/5/2007	GROSS BETA	3.79E-02	2.50E-03	5.30E-03	*
AP	NBF	L12925-07	9/5/2007	GROSS BETA	3.33E-02	2.40E-03	5.30E-03	*
AP	SBN	L12925-08	9/5/2007	GROSS BETA	3.94E-02	2.60E-03	5.40E-03	*
AP	DOW	L12925-09	9/5/2007	GROSS BETA	3.56E-02	2.50E-03	5.40E-03	*
AP	COL	L12925-10	9/5/2007	GROSS BETA	3.61E-02	2.50E-03	5.40E-03	*
AP	ONS-1	L12946-01	9/12/2007	GROSS BETA	2.62E-02	2.30E-03	5.20E-03	*
AP	ONS-2	L12946-02	9/12/2007	GROSS BETA	2.79E-02	2.40E-03	5.40E-03	*
AP	ONS-3	L12946-03	9/12/2007	GROSS BETA	2.89E-02	2.40E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-4	L12946-04	9/12/2007	GROSS BETA	2.90E-02	2.30E-03	5.20E-03	*
AP	ONS-5	L12946-05	9/12/2007	GROSS BETA	2.96E-02	2.40E-03	5.50E-03	*
AP	ONS-6	L12946-06	9/12/2007	GROSS BETA	2.86E-02	2.40E-03	5.40E-03	*
AP	NBF	L12946-07	9/12/2007	GROSS BETA	3.31E-02	2.40E-03	5.30E-03	*
AP	SBN	L12946-08	9/12/2007	GROSS BETA	3.34E-02	2.50E-03	5.40E-03	*
AP	DOW	L12946-09	9/12/2007	GROSS BETA	3.29E-02	2.50E-03	5.40E-03	*
AP	COL	L12946-10	9/12/2007	GROSS BETA	2.64E-02	2.30E-03	5.30E-03	*
AP	ONS-1	L12981-01	9/19/2007	GROSS BETA	2.56E-02	2.20E-03	4.80E-03	*
AP	ONS-2	L12981-02	9/19/2007	GROSS BETA	2.39E-02	2.20E-03	4.90E-03	*
AP	ONS-3	L12981-03	9/19/2007	GROSS BETA	3.08E-02	2.30E-03	4.80E-03	*
AP	ONS-4	L12981-04	9/19/2007	GROSS BETA	3.06E-02	2.40E-03	5.00E-03	*
AP	ONS-5	L12981-05	9/19/2007	GROSS BETA	3.15E-02	2.40E-03	5.10E-03	*
AP	ONS-6	L12981-06	9/19/2007	GROSS BETA	2.99E-02	2.30E-03	5.00E-03	*
AP	NBF	L12981-07	9/19/2007	GROSS BETA	2.80E-02	2.20E-03	4.80E-03	*
AP	SBN	L12981-08	9/19/2007	GROSS BETA	3.30E-02	2.40E-03	4.90E-03	*
AP	DOW	L12981-09	9/19/2007	GROSS BETA	2.73E-02	2.20E-03	4.90E-03	*
AP	COL	L12981-10	9/19/2007	GROSS BETA	2.62E-02	2.20E-03	4.80E-03	*
AP	ONS-1	L13030-01	9/26/2007	GROSS BETA	3.82E-02	2.40E-03	4.10E-03	*
AP	ONS-2	L13030-02	9/26/2007	GROSS BETA	3.75E-02	2.30E-03	4.10E-03	*
AP	ONS-3	L13030-03	9/26/2007	GROSS BETA	3.64E-02	2.40E-03	4.30E-03	*
AP	ONS-4	L13030-04	9/26/2007	GROSS BETA	3.73E-02	2.40E-03	4.30E-03	*
AP	ONS-5	L13030-05	9/26/2007	GROSS BETA	3.92E-02	2.50E-03	4.30E-03	*
AP	ONS-6	L13030-06	9/26/2007	GROSS BETA	3.54E-02	2.30E-03	4.00E-03	*
AP	NBF	L13030-07	9/26/2007	GROSS BETA	4.59E-02	2.60E-03	4.20E-03	*
AP	SBN	L13030-08	9/26/2007	GROSS BETA	3.60E-02	2.30E-03	4.10E-03	*
AP	DOW	L13030-09	9/26/2007	GROSS BETA	3.46E-02	2.30E-03	4.20E-03	*
AP	COL	L13030-10	9/26/2007	GROSS BETA	3.47E-02	2.30E-03	4.20E-03	*
AP	ONS-1	L13046-01	10/3/2007	GROSS BETA	3.37E-02	2.50E-03	5.40E-03	*
AP	ONS-2	L13046-02	10/3/2007	GROSS BETA	3.20E-02	2.50E-03	5.60E-03	*
AP	ONS-3	L13046-03	10/3/2007	GROSS BETA	3.47E-02	2.60E-03	5.70E-03	*
AP	ONS-4	L13046-04	10/3/2007	GROSS BETA	3.96E-02	2.70E-03	5.70E-03	*
AP	ONS-5	L13046-05	10/3/2007	GROSS BETA	3.71E-02	2.70E-03	6.10E-03	*
AP	ONS-6	L13046-06	10/3/2007	GROSS BETA	3.29E-02	2.50E-03	5.70E-03	*
AP	NBF	L13046-07	10/3/2007	GROSS BETA	3.83E-02	2.50E-03	5.40E-03	*
AP	SBN	L13046-08	10/3/2007	GROSS BETA	3.34E-02	2.40E-03	5.40E-03	*
AP	DOW	L13046-09	10/3/2007	GROSS BETA	3.33E-02	2.50E-03	5.60E-03	*
AP	COL	L13046-10	10/3/2007	GROSS BETA	3.72E-02	2.60E-03	5.60E-03	*
AP	ONS-1	L13076-01	10/10/2007	GROSS BETA	3.04E-02	2.30E-03	4.60E-03	*
AP	ONS-2	L13076-02	10/10/2007	GROSS BETA	2.85E-02	2.30E-03	4.60E-03	*
AP	ONS-3	L13076-03	10/10/2007	GROSS BETA	2.96E-02	2.30E-03	4.60E-03	*
AP	ONS-4	L13076-04	10/10/2007	GROSS BETA	3.18E-02	2.40E-03	4.60E-03	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-5	L13076-05	10/10/2007	GROSS BETA	2.65E-02	2.20E-03	4.60E-03	*
AP	ONS-6	L13076-06	10/10/2007	GROSS BETA	2.69E-02	2.10E-03	4.40E-03	*
AP	NBF	L13076-07	10/10/2007	GROSS BETA	3.37E-02	2.30E-03	4.40E-03	*
AP	SBN	L13076-08	10/10/2007	GROSS BETA	3.35E-02	2.30E-03	4.50E-03	*
AP	DOW	L13076-09	10/10/2007	GROSS BETA	2.85E-02	2.20E-03	4.40E-03	*
AP	COL	L13076-10	10/10/2007	GROSS BETA	3.08E-02	2.30E-03	4.50E-03	*
AP	ONS-1	L13096-01	10/17/2007	GROSS BETA	3.01E-02	2.20E-03	4.20E-03	*
AP	ONS-2	L13096-02	10/17/2007	GROSS BETA	2.59E-02	2.10E-03	4.20E-03	*
AP	ONS-3	L13096-03	10/17/2007	GROSS BETA	3.08E-02	2.20E-03	4.30E-03	*
AP	ONS-4	L13096-04	10/17/2007	GROSS BETA	2.71E-02	2.10E-03	4.30E-03	*
AP	ONS-5	L13096-05	10/17/2007	GROSS BETA	3.02E-02	2.20E-03	4.30E-03	*
AP	ONS-6	L13096-06	10/17/2007	GROSS BETA	2.81E-02	2.10E-03	4.20E-03	*
AP	NBF	L13096-07	10/17/2007	GROSS BETA	2.79E-02	2.20E-03	4.60E-03	*
AP	SBN	L13096-08	10/17/2007	GROSS BETA	2.89E-02	2.10E-03	4.20E-03	*
AP	DOW	L13096-09	10/17/2007	GROSS BETA	2.93E-02	2.20E-03	4.20E-03	*
AP	COL	L13096-10	10/17/2007	GROSS BETA	2.96E-02	2.20E-03	4.20E-03	*
AP	ONS-1	L13141-01	10/24/2007	GROSS BETA	3.32E-02	2.50E-03	5.60E-03	*
AP	ONS-2	L13141-02	10/24/2007	GROSS BETA	3.37E-02	2.50E-03	5.70E-03	*
AP	ONS-3	L13141-03	10/24/2007	GROSS BETA	3.61E-02	2.60E-03	5.80E-03	*
AP	ONS-4	L13141-04	10/24/2007	GROSS BETA	3.63E-02	2.60E-03	5.70E-03	*
AP	ONS-5	L13141-05	10/24/2007	GROSS BETA	3.24E-02	2.50E-03	5.60E-03	*
AP	ONS-6	L13141-06	10/24/2007	GROSS BETA	3.13E-02	2.50E-03	5.60E-03	*
AP	NBF	L13141-07	10/24/2007	GROSS BETA	4.00E-02	2.70E-03	5.70E-03	*
AP	SBN	L13141-08	10/24/2007	GROSS BETA	3.76E-02	2.60E-03	5.60E-03	*
AP	DOW	L13141-09	10/24/2007	GROSS BETA	3.29E-02	2.50E-03	5.50E-03	*
AP	COL	L13141-10	10/24/2007	GROSS BETA	3.61E-02	2.60E-03	5.70E-03	*
AP	ONS-1	L13174-01	10/31/2007	GROSS BETA	2.31E-02	2.20E-03	5.40E-03	*
AP	ONS-2	L13174-02	10/31/2007	GROSS BETA	2.76E-02	2.40E-03	5.70E-03	*
AP	ONS-3	L13174-03	10/31/2007	GROSS BETA	2.72E-02	2.30E-03	5.50E-03	*
AP	ONS-4	L13174-04	10/31/2007	GROSS BETA	2.54E-02	2.30E-03	5.50E-03	*
AP	ONS-5	L13174-05	10/31/2007	GROSS BETA	3.05E-02	2.40E-03	5.50E-03	*
AP	ONS-6	L13174-06	10/31/2007	GROSS BETA	2.21E-02	2.20E-03	5.40E-03	*
AP	NBF	L13174-07	10/31/2007	GROSS BETA	2.78E-02	2.40E-03	5.70E-03	*
AP	SBN	L13174-08	10/31/2007	GROSS BETA	2.71E-02	2.30E-03	5.40E-03	*
AP	DOW	L13174-09	10/31/2007	GROSS BETA	2.80E-02	2.30E-03	5.40E-03	*
AP	COL	L13174-10	10/31/2007	GROSS BETA	3.24E-02	2.50E-03	5.50E-03	*
AP	ONS-1	L13211-01	11/7/2007	GROSS BETA	2.73E-02	2.30E-03	5.30E-03	*
AP	ONS-2	L13211-02	11/7/2007	GROSS BETA	2.78E-02	2.30E-03	5.20E-03	*
AP	ONS-3	L13211-03	11/7/2007	GROSS BETA	2.84E-02	2.40E-03	5.50E-03	*
AP	ONS-4	L13211-04	11/7/2007	GROSS BETA	2.64E-02	2.30E-03	5.40E-03	*
AP	ONS-5	L13211-05	11/7/2007	GROSS BETA	2.73E-02	2.40E-03	5.50E-03	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	ONS-6	L13211-06	11/7/2007	GROSS BETA	2.74E-02	2.30E-03	5.50E-03	*
AP	NBF	L13211-07	11/7/2007	GROSS BETA	3.05E-02	2.40E-03	5.40E-03	*
AP	SBN	L13211-08	11/7/2007	GROSS BETA	2.95E-02	2.40E-03	5.40E-03	*
AP	DOW	L13211-09	11/7/2007	GROSS BETA	2.80E-02	2.30E-03	5.30E-03	*
AP	COL	L13211-10	11/7/2007	GROSS BETA	2.49E-02	2.30E-03	5.40E-03	*
AP	ONS-1	L13241-01	11/14/2007	GROSS BETA	4.18E-02	2.60E-03	5.40E-03	*
AP	ONS-2	L13241-02	11/14/2007	GROSS BETA	3.86E-02	2.50E-03	5.30E-03	*
AP	ONS-3	L13241-03	11/14/2007	GROSS BETA	4.32E-02	2.70E-03	5.40E-03	*
AP	ONS-4	L13241-04	11/14/2007	GROSS BETA	3.90E-02	2.70E-03	5.70E-03	*
AP	ONS-5	L13241-05	11/14/2007	GROSS BETA	4.21E-02	2.70E-03	5.60E-03	*
AP	ONS-6	L13241-06	11/14/2007	GROSS BETA	4.23E-02	2.70E-03	5.50E-03	*
AP	NBF	L13241-07	11/14/2007	GROSS BETA	4.08E-02	2.70E-03	5.70E-03	*
AP	SBN	L13241-08	11/14/2007	GROSS BETA	4.96E-02	2.80E-03	5.40E-03	*
AP	DOW	L13241-09	11/14/2007	GROSS BETA	4.16E-02	2.70E-03	5.70E-03	*
AP	COL	L13241-10	11/14/2007	GROSS BETA	4.46E-02	2.80E-03	5.70E-03	*
AP	ONS-1	L13268-01	11/21/2007	GROSS BETA	2.57E-02	1.50E-03	3.20E-03	*
AP	ONS-2	L13268-02	11/21/2007	GROSS BETA	2.78E-02	1.50E-03	3.20E-03	*
AP	ONS-3	L13268-03	11/21/2007	GROSS BETA	2.48E-02	1.50E-03	3.20E-03	*
AP	ONS-4	L13268-04	11/21/2007	GROSS BETA	2.59E-02	1.50E-03	3.20E-03	*
AP	ONS-5	L13268-05	11/21/2007	GROSS BETA	2.45E-02	1.50E-03	3.20E-03	*
AP	ONS-6	L13268-06	11/21/2007	GROSS BETA	2.73E-02	1.60E-03	3.20E-03	*
AP	NBF	L13268-07	11/21/2007	GROSS BETA	2.86E-02	1.60E-03	3.10E-03	*
AP	SBN	L13268-08	11/21/2007	GROSS BETA	3.32E-02	1.70E-03	3.20E-03	*
AP	DOW	L13268-09	11/21/2007	GROSS BETA	2.82E-02	1.50E-03	3.10E-03	*
AP	COL	L13268-10	11/21/2007	GROSS BETA	2.85E-02	1.50E-03	3.10E-03	*
AP	ONS-1	L13294-01	11/28/2007	GROSS BETA	2.86E-02	2.20E-03	4.30E-03	*
AP	ONS-2	L13294-02	11/28/2007	GROSS BETA	3.05E-02	2.20E-03	4.40E-03	*
AP	ONS-3	L13294-03	11/28/2007	GROSS BETA	2.99E-02	2.20E-03	4.40E-03	*
AP	ONS-4	L13294-04	11/28/2007	GROSS BETA	3.13E-02	2.20E-03	4.40E-03	*
AP	ONS-5	L13294-05	11/28/2007	GROSS BETA	2.61E-02	2.10E-03	4.30E-03	*
AP	ONS-6	L13294-06	11/28/2007	GROSS BETA	3.09E-02	2.20E-03	4.30E-03	*
AP	NBF	L13294-07	11/28/2007	GROSS BETA	3.03E-02	2.20E-03	4.50E-03	*
AP	SBN	L13294-08	11/28/2007	GROSS BETA	2.90E-02	2.10E-03	4.30E-03	*
AP	DOW	L13294-09	11/28/2007	GROSS BETA	2.54E-02	2.10E-03	4.30E-03	*
AP	COL	L13294-10	11/28/2007	GROSS BETA	2.78E-02	2.10E-03	4.20E-03	*
AP	ONS-1	L13331-01	12/5/2007	GROSS BETA	3.76E-02	2.60E-03	5.50E-03	*
AP	ONS-2	L13331-02	12/5/2007	GROSS BETA	3.37E-02	2.50E-03	5.70E-03	*
AP	ONS-3	L13331-03	12/5/2007	GROSS BETA	3.41E-02	2.50E-03	5.70E-03	*
AP	ONS-4	L13331-04	12/5/2007	GROSS BETA	3.67E-02	2.60E-03	5.70E-03	*
AP	ONS-5	L13331-05	12/5/2007	GROSS BETA	3.62E-02	2.50E-03	5.50E-03	*
AP	ONS-6	L13331-06	12/5/2007	GROSS BETA	3.86E-02	2.60E-03	5.60E-03	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	
AP	NBF	L13331-07	12/5/2007	GROSS BETA	3.87E-02	2.70E-03	5.70E-03	*
AP	SBN	L13331-08	12/5/2007	GROSS BETA	3.87E-02	2.60E-03	5.60E-03	*
AP	DOW	L13331-09	12/5/2007	GROSS BETA	3.34E-02	2.50E-03	5.60E-03	*
AP	COL	L13331-10	12/5/2007	GROSS BETA	3.38E-02	2.40E-03	5.30E-03	*
AP	ONS-1	L13363-01	12/12/2007	GROSS BETA	4.61E-02	2.60E-03	4.50E-03	*
AP	ONS-2	L13363-02	12/12/2007	GROSS BETA	4.11E-02	2.50E-03	4.60E-03	*
AP	ONS-3	L13363-03	12/12/2007	GROSS BETA	3.65E-02	2.40E-03	4.50E-03	*
AP	ONS-4	L13363-04	12/12/2007	GROSS BETA	4.09E-02	2.50E-03	4.50E-03	*
AP	ONS-5	L13363-05	12/12/2007	GROSS BETA	4.37E-02	2.60E-03	4.40E-03	*
AP	ONS-6	L13363-06	12/12/2007	GROSS BETA	4.35E-02	2.60E-03	4.50E-03	*
AP	NBF	L13363-07	12/12/2007	GROSS BETA	3.48E-02	2.40E-03	4.60E-03	*
AP	SBN	L13363-08	12/12/2007	GROSS BETA	3.96E-02	2.50E-03	4.50E-03	*
AP	DOW	L13363-09	12/12/2007	GROSS BETA	4.18E-02	2.50E-03	4.50E-03	*
AP	COL	L13363-10	12/12/2007	GROSS BETA	3.80E-02	2.30E-03	4.20E-03	*
AP	ONS-1	L13388-01	12/19/2007	GROSS BETA	5.63E-02	2.90E-03	5.20E-03	*
AP	ONS-2	L13388-02	12/19/2007	GROSS BETA	6.16E-02	3.00E-03	5.20E-03	*
AP	ONS-3	L13388-03	12/19/2007	GROSS BETA	5.68E-02	2.80E-03	5.00E-03	*
AP	ONS-4	L13388-04	12/19/2007	GROSS BETA	5.57E-02	2.80E-03	4.90E-03	*
AP	ONS-5	L13388-05	12/19/2007	GROSS BETA	5.67E-02	2.90E-03	5.20E-03	*
AP	ONS-6	L13388-06	12/19/2007	GROSS BETA	5.61E-02	2.80E-03	5.00E-03	*
AP	NBF	L13388-07	12/19/2007	GROSS BETA	5.08E-02	2.80E-03	5.20E-03	*
AP	SBN	L13388-08	12/19/2007	GROSS BETA	5.09E-02	2.80E-03	5.10E-03	*
AP	DOW	L13388-09	12/19/2007	GROSS BETA	5.72E-02	2.90E-03	5.10E-03	*
AP	COL	L13388-10	12/19/2007	GROSS BETA	5.11E-02	2.70E-03	4.90E-03	*
AP	ONS-1	L13417-01	12/26/2007	GROSS BETA	6.10E-02	3.00E-03	4.30E-03	*
AP	ONS-2	L13417-02	12/26/2007	GROSS BETA	6.11E-02	3.00E-03	4.30E-03	*
AP	ONS-3	L13417-03	12/26/2007	GROSS BETA	6.24E-02	3.00E-03	4.30E-03	*
AP	ONS-4	L13417-04	12/26/2007	GROSS BETA	6.02E-02	2.90E-03	4.20E-03	*
AP	ONS-5	L13417-05	12/26/2007	GROSS BETA	6.12E-02	2.90E-03	4.10E-03	*
AP	ONS-6	L13417-06	12/26/2007	GROSS BETA	6.17E-02	2.90E-03	4.20E-03	*
AP	NBF	L13417-07	12/26/2007	GROSS BETA	5.86E-02	2.80E-03	4.10E-03	*
AP	SBN	L13417-08	12/26/2007	GROSS BETA	6.62E-02	2.90E-03	4.00E-03	*
AP	DOW	L13417-09	12/26/2007	GROSS BETA	6.25E-02	2.90E-03	4.10E-03	*
AP	COL	L13417-10	12/26/2007	GROSS BETA	5.68E-02	2.90E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-1	L12311-01	3/28/2007	AcTh-228	-1.10E-04	7.80E-04	3.40E-03
AP	ONS-1	L12311-01	3/28/2007	Ag-108m	-2.10E-04	1.80E-04	7.80E-04
AP	ONS-1	L12311-01	3/28/2007	Ag-110m	1.30E-04	2.80E-04	1.20E-03
AP	ONS-1	L12311-01	3/28/2007	Ba-140	1.13E-02	8.40E-03	2.80E-02
AP	ONS-1	L12311-01	3/28/2007	Be-7	9.70E-02	1.30E-02	2.80E-02 *
AP	ONS-1	L12311-01	3/28/2007	Ce-141	-1.04E-03	8.40E-04	3.40E-03
AP	ONS-1	L12311-01	3/28/2007	Ce-144	-2.90E-04	9.50E-04	3.60E-03
AP	ONS-1	L12311-01	3/28/2007	Co-57	-1.10E-04	1.10E-04	4.60E-04
AP	ONS-1	L12311-01	3/28/2007	Co-58	-3.30E-04	4.00E-04	1.90E-03
AP	ONS-1	L12311-01	3/28/2007	Co-60	1.00E-04	2.00E-04	8.80E-04
AP	ONS-1	L12311-01	3/28/2007	Cr-51	3.40E-03	9.30E-03	3.40E-02
AP	ONS-1	L12311-01	3/28/2007	Cs-134	-3.70E-04	2.30E-04	1.20E-03
AP	ONS-1	L12311-01	3/28/2007	Cs-137	4.70E-04	2.90E-04	9.50E-04
AP	ONS-1	L12311-01	3/28/2007	Fe-59	0.00E+00	1.00E-03	4.80E-03
AP	ONS-1	L12311-01	3/28/2007	I-131	-1.00E-03	2.70E-02	1.10E-01
AP	ONS-1	L12311-01	3/28/2007	K-40	2.00E-03	3.20E-03	1.20E-02
AP	ONS-1	L12311-01	3/28/2007	La-140	1.30E-02	9.70E-03	3.20E-02
AP	ONS-1	L12311-01	3/28/2007	Mn-54	3.30E-04	2.60E-04	9.00E-04
AP	ONS-1	L12311-01	3/28/2007	Nb-95	-1.14E-03	8.80E-04	4.20E-03
AP	ONS-1	L12311-01	3/28/2007	Ru-103	-5.20E-04	5.80E-04	2.60E-03
AP	ONS-1	L12311-01	3/28/2007	Ru-106	6.00E-04	2.50E-03	9.70E-03
AP	ONS-1	L12311-01	3/28/2007	Sb-124	-1.30E-03	1.30E-03	7.30E-03
AP	ONS-1	L12311-01	3/28/2007	Sb-125	-9.30E-04	6.40E-04	2.70E-03
AP	ONS-1	L12311-01	3/28/2007	Se-75	3.70E-04	3.70E-04	1.30E-03
AP	ONS-1	L12311-01	3/28/2007	Zn-65	2.30E-04	6.80E-04	2.70E-03
AP	ONS-1	L12311-01	3/28/2007	Zr-95	-2.60E-04	9.10E-04	3.80E-03
AP	ONS-2	L12311-02	3/28/2007	AcTh-228	6.90E-04	9.70E-04	3.60E-03
AP	ONS-2	L12311-02	3/28/2007	Ag-108m	-2.60E-04	1.70E-04	7.90E-04
AP	ONS-2	L12311-02	3/28/2007	Ag-110m	1.90E-04	3.50E-04	1.40E-03
AP	ONS-2	L12311-02	3/28/2007	Ba-140	0.00E+00	6.10E-03	3.20E-02
AP	ONS-2	L12311-02	3/28/2007	Be-7	9.70E-02	1.10E-02	1.60E-02 *
AP	ONS-2	L12311-02	3/28/2007	Ce-141	-6.00E-04	7.50E-04	3.00E-03
AP	ONS-2	L12311-02	3/28/2007	Ce-144	-1.00E-04	8.50E-04	3.30E-03
AP	ONS-2	L12311-02	3/28/2007	Co-57	5.10E-05	9.50E-05	3.50E-04
AP	ONS-2	L12311-02	3/28/2007	Co-58	-5.00E-05	3.40E-04	1.60E-03
AP	ONS-2	L12311-02	3/28/2007	Co-60	1.10E-04	2.30E-04	1.00E-03
AP	ONS-2	L12311-02	3/28/2007	Cr-51	-6.40E-03	7.30E-03	3.10E-02
AP	ONS-2	L12311-02	3/28/2007	Cs-134	-1.50E-04	2.70E-04	1.20E-03
AP	ONS-2	L12311-02	3/28/2007	Cs-137	0.00E+00	2.30E-04	9.40E-04
AP	ONS-2	L12311-02	3/28/2007	Fe-59	-6.00E-04	1.70E-03	7.50E-03
AP	ONS-2	L12311-02	3/28/2007	I-131	5.00E-03	1.70E-02	7.10E-02
AP	ONS-2	L12311-02	3/28/2007	K-40	0.00E+00	2.20E-03	1.10E-02

\* Radioactivity detected in sample (i.e., concentration > 3 X standard deviation)  
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## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-2	L12311-02	3/28/2007	La-140	0.00E+00	7.00E-03	3.60E-02
AP	ONS-2	L12311-02	3/28/2007	Mn-54	-6.00E-05	2.80E-04	1.20E-03
AP	ONS-2	L12311-02	3/28/2007	Nb-95	-5.00E-05	4.60E-04	2.40E-03
AP	ONS-2	L12311-02	3/28/2007	Ru-103	-9.30E-04	7.60E-04	3.40E-03
AP	ONS-2	L12311-02	3/28/2007	Ru-106	2.00E-03	1.80E-03	6.20E-03
AP	ONS-2	L12311-02	3/28/2007	Sb-124	0.00E+00	1.60E-03	7.20E-03
AP	ONS-2	L12311-02	3/28/2007	Sb-125	-4.20E-04	4.60E-04	2.10E-03
AP	ONS-2	L12311-02	3/28/2007	Se-75	-2.20E-04	3.10E-04	1.30E-03
AP	ONS-2	L12311-02	3/28/2007	Zn-65	-5.10E-04	3.60E-04	2.40E-03
AP	ONS-2	L12311-02	3/28/2007	Zr-95	4.80E-04	7.40E-04	2.90E-03
AP	ONS-3	L12311-03	3/28/2007	AcTh-228	1.00E-04	1.10E-03	4.30E-03
AP	ONS-3	L12311-03	3/28/2007	Ag-108m	4.00E-05	1.60E-04	6.30E-04
AP	ONS-3	L12311-03	3/28/2007	Ag-110m	-2.80E-04	3.50E-04	1.70E-03
AP	ONS-3	L12311-03	3/28/2007	Ba-140	0.00E+00	0.00E+00	1.20E-02
AP	ONS-3	L12311-03	3/28/2007	Be-7	1.08E-01	1.30E-02	2.70E-02 *
AP	ONS-3	L12311-03	3/28/2007	Ce-141	-2.80E-04	7.30E-04	2.90E-03
AP	ONS-3	L12311-03	3/28/2007	Ce-144	-3.20E-04	8.00E-04	3.20E-03
AP	ONS-3	L12311-03	3/28/2007	Co-57	1.50E-04	1.10E-04	3.60E-04
AP	ONS-3	L12311-03	3/28/2007	Co-58	4.00E-04	4.90E-04	1.80E-03
AP	ONS-3	L12311-03	3/28/2007	Co-60	-1.80E-04	3.10E-04	1.50E-03
AP	ONS-3	L12311-03	3/28/2007	Cr-51	-5.40E-03	8.60E-03	3.50E-02
AP	ONS-3	L12311-03	3/28/2007	Cs-134	1.20E-04	2.00E-04	8.10E-04
AP	ONS-3	L12311-03	3/28/2007	Cs-137	4.10E-04	2.40E-04	7.40E-04
AP	ONS-3	L12311-03	3/28/2007	Fe-59	-5.80E-04	5.80E-04	4.30E-03
AP	ONS-3	L12311-03	3/28/2007	I-131	6.00E-03	2.40E-02	9.20E-02
AP	ONS-3	L12311-03	3/28/2007	K-40	-1.00E-04	3.10E-03	1.40E-02
AP	ONS-3	L12311-03	3/28/2007	La-140	0.00E+00	0.00E+00	1.40E-02
AP	ONS-3	L12311-03	3/28/2007	Mn-54	1.30E-04	2.30E-04	9.30E-04
AP	ONS-3	L12311-03	3/28/2007	Nb-95	-1.03E-03	6.70E-04	3.70E-03
AP	ONS-3	L12311-03	3/28/2007	Ru-103	-3.80E-04	6.00E-04	2.70E-03
AP	ONS-3	L12311-03	3/28/2007	Ru-106	-3.50E-03	2.40E-03	1.10E-02
AP	ONS-3	L12311-03	3/28/2007	Sb-124	0.00E+00	0.00E+00	2.10E-03
AP	ONS-3	L12311-03	3/28/2007	Sb-125	1.14E-03	6.10E-04	1.90E-03
AP	ONS-3	L12311-03	3/28/2007	Se-75	5.00E-04	3.10E-04	1.00E-03
AP	ONS-3	L12311-03	3/28/2007	Zn-65	-7.80E-04	4.50E-04	2.80E-03
AP	ONS-3	L12311-03	3/28/2007	Zr-95	6.20E-04	5.70E-04	2.00E-03
AP	ONS-4	L12311-04	3/28/2007	AcTh-228	6.00E-05	6.80E-04	2.80E-03
AP	ONS-4	L12311-04	3/28/2007	Ag-108m	0.00E+00	1.30E-04	5.10E-04
AP	ONS-4	L12311-04	3/28/2007	Ag-110m	4.70E-04	2.50E-04	6.90E-04
AP	ONS-4	L12311-04	3/28/2007	Ba-140	0.00E+00	6.60E-03	2.90E-02
AP	ONS-4	L12311-04	3/28/2007	Be-7	1.17E-01	1.00E-02	1.30E-02 *
AP	ONS-4	L12311-04	3/28/2007	Ce-141	-5.70E-04	8.20E-04	3.20E-03

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-4	L12311-04	3/28/2007	Ce-144	1.31E-03	8.90E-04	3.00E-03
AP	ONS-4	L12311-04	3/28/2007	Co-57	-1.00E-05	1.20E-04	4.40E-04
AP	ONS-4	L12311-04	3/28/2007	Co-58	0.00E+00	3.70E-04	1.50E-03
AP	ONS-4	L12311-04	3/28/2007	Co-60	-8.00E-05	1.80E-04	8.80E-04
AP	ONS-4	L12311-04	3/28/2007	Cr-51	9.40E-03	7.50E-03	2.50E-02
AP	ONS-4	L12311-04	3/28/2007	Cs-134	-1.10E-04	1.70E-04	7.90E-04
AP	ONS-4	L12311-04	3/28/2007	Cs-137	1.00E-05	1.90E-04	7.70E-04
AP	ONS-4	L12311-04	3/28/2007	Fe-59	1.08E-03	8.60E-04	2.90E-03
AP	ONS-4	L12311-04	3/28/2007	I-131	-1.80E-02	2.00E-02	8.50E-02
AP	ONS-4	L12311-04	3/28/2007	K-40	2.00E-04	2.20E-03	9.20E-03
AP	ONS-4	L12311-04	3/28/2007	La-140	0.00E+00	7.60E-03	3.30E-02
AP	ONS-4	L12311-04	3/28/2007	Mn-54	-1.20E-04	1.80E-04	8.20E-04
AP	ONS-4	L12311-04	3/28/2007	Nb-95	-2.70E-04	7.40E-04	3.10E-03
AP	ONS-4	L12311-04	3/28/2007	Ru-103	6.50E-04	6.40E-04	2.20E-03
AP	ONS-4	L12311-04	3/28/2007	Ru-106	-1.00E-03	1.90E-03	7.90E-03
AP	ONS-4	L12311-04	3/28/2007	Sb-124	5.00E-04	1.30E-03	5.20E-03
AP	ONS-4	L12311-04	3/28/2007	Sb-125	3.10E-04	4.50E-04	1.60E-03
AP	ONS-4	L12311-04	3/28/2007	Se-75	8.40E-04	3.20E-04	9.60E-04
AP	ONS-4	L12311-04	3/28/2007	Zn-65	2.50E-04	5.60E-04	2.20E-03
AP	ONS-4	L12311-04	3/28/2007	Zr-95	-7.90E-04	7.90E-04	3.40E-03
AP	ONS-5	L12311-05	3/28/2007	AcTh-228	6.50E-04	7.90E-04	3.00E-03
AP	ONS-5	L12311-05	3/28/2007	Ag-108m	5.00E-05	1.70E-04	6.80E-04
AP	ONS-5	L12311-05	3/28/2007	Ag-110m	-3.80E-04	2.70E-04	1.70E-03
AP	ONS-5	L12311-05	3/28/2007	Ba-140	1.00E-03	9.60E-03	4.40E-02
AP	ONS-5	L12311-05	3/28/2007	Be-7	1.45E-01	1.40E-02	1.50E-02
AP	ONS-5	L12311-05	3/28/2007	Ce-141	-8.00E-04	1.00E-03	4.00E-03
AP	ONS-5	L12311-05	3/28/2007	Ce-144	0.00E+00	1.20E-03	4.60E-03
AP	ONS-5	L12311-05	3/28/2007	Co-57	6.00E-05	1.20E-04	4.30E-04
AP	ONS-5	L12311-05	3/28/2007	Co-58	-5.30E-04	5.80E-04	2.70E-03
AP	ONS-5	L12311-05	3/28/2007	Co-60	1.30E-04	2.70E-04	1.20E-03
AP	ONS-5	L12311-05	3/28/2007	Cr-51	3.40E-03	8.50E-03	3.20E-02
AP	ONS-5	L12311-05	3/28/2007	Cs-134	-4.00E-05	2.40E-04	1.10E-03
AP	ONS-5	L12311-05	3/28/2007	Cs-137	8.00E-05	1.50E-04	6.20E-04
AP	ONS-5	L12311-05	3/28/2007	Fe-59	0.00E+00	0.00E+00	1.80E-03
AP	ONS-5	L12311-05	3/28/2007	I-131	-7.00E-03	2.00E-02	9.00E-02
AP	ONS-5	L12311-05	3/28/2007	K-40	-4.00E-03	3.20E-03	1.70E-02
AP	ONS-5	L12311-05	3/28/2007	La-140	1.00E-03	1.10E-02	5.10E-02
AP	ONS-5	L12311-05	3/28/2007	Mn-54	-1.60E-04	2.70E-04	1.30E-03
AP	ONS-5	L12311-05	3/28/2007	Nb-95	2.30E-04	8.40E-04	3.60E-03
AP	ONS-5	L12311-05	3/28/2007	Ru-103	-2.20E-04	6.60E-04	2.90E-03
AP	ONS-5	L12311-05	3/28/2007	Ru-106	8.00E-04	2.40E-03	9.50E-03
AP	ONS-5	L12311-05	3/28/2007	Sb-124	0.00E+00	0.00E+00	2.50E-03

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-5	L12311-05	3/28/2007	Sb-125	-1.60E-04	5.50E-04	2.30E-03
AP	ONS-5	L12311-05	3/28/2007	Se-75	-3.90E-04	3.20E-04	1.40E-03
AP	ONS-5	L12311-05	3/28/2007	Zn-65	-9.00E-04	6.70E-04	3.60E-03
AP	ONS-5	L12311-05	3/28/2007	Zr-95	-2.00E-04	1.00E-03	4.40E-03
AP	ONS-6	L12311-06	3/28/2007	AcTh-228	-6.50E-04	8.70E-04	3.90E-03
AP	ONS-6	L12311-06	3/28/2007	Ag-108m	0.00E+00	1.90E-04	7.50E-04
AP	ONS-6	L12311-06	3/28/2007	Ag-110m	1.30E-04	4.50E-04	1.80E-03
AP	ONS-6	L12311-06	3/28/2007	Ba-140	3.70E-03	6.50E-03	2.80E-02
AP	ONS-6	L12311-06	3/28/2007	Be-7	8.40E-02	1.10E-02	2.50E-02 *
AP	ONS-6	L12311-06	3/28/2007	Ce-141	2.00E-04	9.00E-04	3.30E-03
AP	ONS-6	L12311-06	3/28/2007	Ce-144	-3.40E-04	9.00E-04	3.50E-03
AP	ONS-6	L12311-06	3/28/2007	Co-57	3.20E-04	1.10E-04	3.00E-04
AP	ONS-6	L12311-06	3/28/2007	Co-58	-4.50E-04	4.10E-04	2.00E-03
AP	ONS-6	L12311-06	3/28/2007	Co-60	-3.10E-04	3.80E-04	1.70E-03
AP	ONS-6	L12311-06	3/28/2007	Cr-51	-6.70E-03	8.30E-03	3.40E-02
AP	ONS-6	L12311-06	3/28/2007	Cs-134	-7.00E-05	2.10E-04	9.50E-04
AP	ONS-6	L12311-06	3/28/2007	Cs-137	2.10E-04	2.60E-04	9.40E-04
AP	ONS-6	L12311-06	3/28/2007	Fe-59	1.50E-03	1.30E-03	4.70E-03
AP	ONS-6	L12311-06	3/28/2007	I-131	-3.50E-02	3.10E-02	1.30E-01
AP	ONS-6	L12311-06	3/28/2007	K-40	1.00E-03	3.30E-03	1.30E-02
AP	ONS-6	L12311-06	3/28/2007	La-140	4.30E-03	7.50E-03	3.20E-02
AP	ONS-6	L12311-06	3/28/2007	Mn-54	8.00E-05	2.70E-04	1.10E-03
AP	ONS-6	L12311-06	3/28/2007	Nb-95	8.70E-04	8.30E-04	3.00E-03
AP	ONS-6	L12311-06	3/28/2007	Ru-103	0.00E+00	4.90E-04	2.10E-03
AP	ONS-6	L12311-06	3/28/2007	Ru-106	-1.20E-03	2.20E-03	9.60E-03
AP	ONS-6	L12311-06	3/28/2007	Sb-124	0.00E+00	9.50E-04	4.90E-03
AP	ONS-6	L12311-06	3/28/2007	Sb-125	-1.30E-04	5.40E-04	2.20E-03
AP	ONS-6	L12311-06	3/28/2007	Se-75	-3.10E-04	3.80E-04	1.50E-03
AP	ONS-6	L12311-06	3/28/2007	Zn-65	9.00E-04	4.50E-04	6.10E-04
AP	ONS-6	L12311-06	3/28/2007	Zr-95	2.00E-04	8.50E-04	3.40E-03
AP	NBF	L12311-07	3/28/2007	AcTh-228	8.90E-04	7.50E-04	2.60E-03
AP	NBF	L12311-07	3/28/2007	Ag-108m	4.00E-05	1.30E-04	5.30E-04
AP	NBF	L12311-07	3/28/2007	Ag-110m	4.80E-04	4.10E-04	1.40E-03
AP	NBF	L12311-07	3/28/2007	Ba-140	0.00E+00	6.30E-03	3.30E-02
AP	NBF	L12311-07	3/28/2007	Be-7	1.19E-01	1.30E-02	2.30E-02 *
AP	NBF	L12311-07	3/28/2007	Ce-141	-3.00E-04	6.90E-04	2.80E-03
AP	NBF	L12311-07	3/28/2007	Ce-144	1.60E-04	7.80E-04	2.90E-03
AP	NBF	L12311-07	3/28/2007	Co-57	1.16E-04	9.90E-05	3.40E-04
AP	NBF	L12311-07	3/28/2007	Co-58	1.10E-04	3.90E-04	1.60E-03
AP	NBF	L12311-07	3/28/2007	Co-60	-1.60E-04	2.50E-04	1.30E-03
AP	NBF	L12311-07	3/28/2007	Cr-51	2.10E-03	8.20E-03	3.10E-02
AP	NBF	L12311-07	3/28/2007	Cs-134	-6.70E-04	3.00E-04	1.60E-03

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	NBF	L12311-07	3/28/2007	Cs-137	-7.00E-05	1.90E-04	8.70E-04
AP	NBF	L12311-07	3/28/2007	Fe-59	-6.00E-04	1.30E-03	6.30E-03
AP	NBF	L12311-07	3/28/2007	I-131	1.40E-02	2.20E-02	8.40E-02
AP	NBF	L12311-07	3/28/2007	K-40	1.00E-04	2.90E-03	1.30E-02
AP	NBF	L12311-07	3/28/2007	La-140	0.00E+00	7.20E-03	3.80E-02
AP	NBF	L12311-07	3/28/2007	Mn-54	1.70E-04	1.90E-04	7.40E-04
AP	NBF	L12311-07	3/28/2007	Nb-95	1.50E-04	8.70E-04	3.60E-03
AP	NBF	L12311-07	3/28/2007	Ru-103	-7.60E-04	6.00E-04	2.80E-03
AP	NBF	L12311-07	3/28/2007	Ru-106	0.00E+00	1.90E-03	8.20E-03
AP	NBF	L12311-07	3/28/2007	Sb-124	0.00E+00	1.10E-03	5.80E-03
AP	NBF	L12311-07	3/28/2007	Sb-125	-2.80E-04	5.30E-04	2.20E-03
AP	NBF	L12311-07	3/28/2007	Se-75	-6.00E-05	3.00E-04	1.20E-03
AP	NBF	L12311-07	3/28/2007	Zn-65	0.00E+00	5.20E-04	2.40E-03
AP	NBF	L12311-07	3/28/2007	Zr-95	-2.04E-03	8.30E-04	4.50E-03
AP	SBN	L12311-08	3/28/2007	AcTh-228	-4.80E-04	9.80E-04	4.30E-03
AP	SBN	L12311-08	3/28/2007	Ag-108m	1.80E-04	1.40E-04	4.80E-04
AP	SBN	L12311-08	3/28/2007	Ag-110m	-2.80E-04	3.50E-04	1.70E-03
AP	SBN	L12311-08	3/28/2007	Ba-140	4.40E-03	7.60E-03	3.20E-02
AP	SBN	L12311-08	3/28/2007	Be-7	1.01E-01	1.20E-02	1.90E-02 *
AP	SBN	L12311-08	3/28/2007	Ce-141	-5.50E-04	8.50E-04	3.30E-03
AP	SBN	L12311-08	3/28/2007	Ce-144	1.22E-03	9.00E-04	3.00E-03
AP	SBN	L12311-08	3/28/2007	Co-57	-1.20E-04	1.10E-04	4.40E-04
AP	SBN	L12311-08	3/28/2007	Co-58	5.40E-04	4.60E-04	1.60E-03
AP	SBN	L12311-08	3/28/2007	Co-60	-3.00E-05	2.80E-04	1.30E-03
AP	SBN	L12311-08	3/28/2007	Cr-51	0.00E+00	8.90E-03	3.40E-02
AP	SBN	L12311-08	3/28/2007	Cs-134	-6.00E-05	1.90E-04	9.40E-04
AP	SBN	L12311-08	3/28/2007	Cs-137	-9.00E-05	3.00E-04	1.20E-03
AP	SBN	L12311-08	3/28/2007	Fe-59	6.00E-04	1.30E-03	5.40E-03
AP	SBN	L12311-08	3/28/2007	I-131	-3.80E-02	2.50E-02	1.10E-01
AP	SBN	L12311-08	3/28/2007	K-40	1.10E-03	2.90E-03	1.20E-02
AP	SBN	L12311-08	3/28/2007	La-140	5.10E-03	8.80E-03	3.70E-02
AP	SBN	L12311-08	3/28/2007	Mn-54	3.00E-04	2.40E-04	8.10E-04
AP	SBN	L12311-08	3/28/2007	Nb-95	-4.60E-04	6.90E-04	3.40E-03
AP	SBN	L12311-08	3/28/2007	Ru-103	-5.70E-04	6.30E-04	2.90E-03
AP	SBN	L12311-08	3/28/2007	Ru-106	-2.60E-03	2.00E-03	9.90E-03
AP	SBN	L12311-08	3/28/2007	Sb-124	2.40E-03	1.80E-03	5.80E-03
AP	SBN	L12311-08	3/28/2007	Sb-125	4.30E-04	5.20E-04	1.90E-03
AP	SBN	L12311-08	3/28/2007	Se-75	-2.40E-04	2.70E-04	1.20E-03
AP	SBN	L12311-08	3/28/2007	Zn-65	-2.60E-04	4.50E-04	2.40E-03
AP	SBN	L12311-08	3/28/2007	Zr-95	4.40E-04	8.30E-04	3.20E-03
AP	DOW	L12311-09	3/28/2007	AcTh-228	4.70E-04	7.50E-04	2.80E-03
AP	DOW	L12311-09	3/28/2007	Ag-108m	1.00E-04	1.30E-04	4.60E-04

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	DOW	L12311-09	3/28/2007	Ag-110m	1.00E-04	2.50E-04	1.00E-03
AP	DOW	L12311-09	3/28/2007	Ba-140	0.00E+00	3.90E-03	2.00E-02
AP	DOW	L12311-09	3/28/2007	Be-7	1.07E-01	1.10E-02	1.90E-02 *
AP	DOW	L12311-09	3/28/2007	Ce-141	-1.27E-03	8.10E-04	3.30E-03
AP	DOW	L12311-09	3/28/2007	Ce-144	9.30E-04	8.90E-04	3.00E-03
AP	DOW	L12311-09	3/28/2007	Co-57	1.80E-04	1.10E-04	3.60E-04
AP	DOW	L12311-09	3/28/2007	Co-58	0.00E+00	3.10E-04	1.30E-03
AP	DOW	L12311-09	3/28/2007	Co-60	0.00E+00	2.00E-04	8.90E-04
AP	DOW	L12311-09	3/28/2007	Cr-51	1.40E-03	7.30E-03	2.70E-02
AP	DOW	L12311-09	3/28/2007	Cs-134	-4.90E-04	2.30E-04	1.10E-03
AP	DOW	L12311-09	3/28/2007	Cs-137	-1.10E-04	1.50E-04	7.00E-04
AP	DOW	L12311-09	3/28/2007	Fe-59	7.60E-04	5.40E-04	1.00E-03
AP	DOW	L12311-09	3/28/2007	I-131	1.90E-02	2.50E-02	8.80E-02
AP	DOW	L12311-09	3/28/2007	K-40	-2.20E-03	2.60E-03	1.20E-02
AP	DOW	L12311-09	3/28/2007	La-140	0.00E+00	4.40E-03	2.30E-02
AP	DOW	L12311-09	3/28/2007	Mn-54	6.00E-05	2.10E-04	8.20E-04
AP	DOW	L12311-09	3/28/2007	Nb-95	-1.51E-03	6.90E-04	3.50E-03
AP	DOW	L12311-09	3/28/2007	Ru-103	-5.90E-04	5.40E-04	2.40E-03
AP	DOW	L12311-09	3/28/2007	Ru-106	-3.30E-03	2.20E-03	9.60E-03
AP	DOW	L12311-09	3/28/2007	Sb-124	-1.90E-03	1.40E-03	6.80E-03
AP	DOW	L12311-09	3/28/2007	Sb-125	2.10E-04	4.40E-04	1.70E-03
AP	DOW	L12311-09	3/28/2007	Se-75	-2.00E-04	2.90E-04	1.10E-03
AP	DOW	L12311-09	3/28/2007	Zn-65	1.30E-04	4.00E-04	1.70E-03
AP	DOW	L12311-09	3/28/2007	Zr-95	-1.59E-03	8.40E-04	3.90E-03
AP	COL	L12311-10	3/28/2007	AcTh-228	1.10E-03	1.10E-03	3.90E-03
AP	COL	L12311-10	3/28/2007	Ag-108m	5.00E-05	1.90E-04	7.20E-04
AP	COL	L12311-10	3/28/2007	Ag-110m	2.70E-04	4.20E-04	1.70E-03
AP	COL	L12311-10	3/28/2007	Ba-140	5.60E-03	8.50E-03	3.60E-02
AP	COL	L12311-10	3/28/2007	Be-7	1.05E-01	1.20E-02	1.70E-02 *
AP	COL	L12311-10	3/28/2007	Ce-141	-1.14E-03	7.20E-04	3.20E-03
AP	COL	L12311-10	3/28/2007	Ce-144	-1.00E-03	9.40E-04	3.90E-03
AP	COL	L12311-10	3/28/2007	Co-57	-1.30E-04	1.10E-04	4.60E-04
AP	COL	L12311-10	3/28/2007	Co-58	-4.60E-04	4.20E-04	2.20E-03
AP	COL	L12311-10	3/28/2007	Co-60	-2.00E-05	2.30E-04	1.20E-03
AP	COL	L12311-10	3/28/2007	Cr-51	-2.20E-02	9.20E-03	4.30E-02
AP	COL	L12311-10	3/28/2007	Cs-134	-9.00E-05	3.70E-04	1.60E-03
AP	COL	L12311-10	3/28/2007	Cs-137	0.00E+00	2.60E-04	1.10E-03
AP	COL	L12311-10	3/28/2007	Fe-59	2.70E-03	2.10E-03	7.20E-03
AP	COL	L12311-10	3/28/2007	I-131	2.60E-02	3.10E-02	1.10E-01
AP	COL	L12311-10	3/28/2007	K-40	3.00E-04	4.70E-03	1.90E-02
AP	COL	L12311-10	3/28/2007	La-140	6.40E-03	9.80E-03	4.10E-02
AP	COL	L12311-10	3/28/2007	Mn-54	-2.50E-04	1.80E-04	1.10E-03

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	COL	L12311-10	3/28/2007	Nb-95	1.10E-03	1.40E-03	5.10E-03
AP	COL	L12311-10	3/28/2007	Ru-103	-6.60E-04	7.20E-04	3.30E-03
AP	COL	L12311-10	3/28/2007	Ru-106	-1.60E-03	1.90E-03	9.50E-03
AP	COL	L12311-10	3/28/2007	Sb-124	1.80E-03	1.30E-03	2.50E-03
AP	COL	L12311-10	3/28/2007	Sb-125	-1.60E-04	6.30E-04	2.60E-03
AP	COL	L12311-10	3/28/2007	Se-75	-2.70E-04	3.10E-04	1.30E-03
AP	COL	L12311-10	3/28/2007	Zn-65	6.00E-04	7.30E-04	2.80E-03
AP	COL	L12311-10	3/28/2007	Zr-95	-3.00E-04	1.20E-03	4.80E-03
AP	ONS-1	L12785-01	6/27/2007	AcTh-228	3.20E-03	1.50E-03	3.30E-03
AP	ONS-1	L12785-01	6/27/2007	Ag-108m	6.70E-04	2.70E-04	3.00E-04
AP	ONS-1	L12785-01	6/27/2007	Ag-110m	-1.32E-03	8.10E-04	4.30E-03
AP	ONS-1	L12785-01	6/27/2007	Ba-140	-3.90E-02	2.80E-02	1.80E-01
AP	ONS-1	L12785-01	6/27/2007	Be-7	1.76E-01	2.70E-02	4.60E-02 *
AP	ONS-1	L12785-01	6/27/2007	Ce-141	1.80E-03	2.80E-03	1.00E-02
AP	ONS-1	L12785-01	6/27/2007	Ce-144	2.50E-03	2.50E-03	8.80E-03
AP	ONS-1	L12785-01	6/27/2007	Co-57	-1.90E-04	2.50E-04	1.10E-03
AP	ONS-1	L12785-01	6/27/2007	Co-58	4.20E-04	4.20E-04	1.10E-03
AP	ONS-1	L12785-01	6/27/2007	Co-60	-3.70E-04	6.50E-04	3.10E-03
AP	ONS-1	L12785-01	6/27/2007	Cr-51	-1.40E-02	1.70E-02	8.20E-02
AP	ONS-1	L12785-01	6/27/2007	Cs-134	8.90E-04	5.20E-04	1.50E-03
AP	ONS-1	L12785-01	6/27/2007	Cs-137	-6.00E-05	3.70E-04	1.70E-03
AP	ONS-1	L12785-01	6/27/2007	Fe-59	-4.70E-03	3.50E-03	1.90E-02
AP	ONS-1	L12785-01	6/27/2007	I-131	2.30E-01	1.80E-01	6.10E-01
AP	ONS-1	L12785-01	6/27/2007	K-40	4.40E-03	7.40E-03	2.90E-02
AP	ONS-1	L12785-01	6/27/2007	La-140	-4.50E-02	3.20E-02	2.10E-01
AP	ONS-1	L12785-01	6/27/2007	Mn-54	5.40E-04	6.50E-04	2.40E-03
AP	ONS-1	L12785-01	6/27/2007	Nb-95	-2.40E-03	1.90E-03	1.00E-02
AP	ONS-1	L12785-01	6/27/2007	Ru-103	1.80E-03	1.30E-03	4.40E-03
AP	ONS-1	L12785-01	6/27/2007	Ru-106	4.70E-03	3.80E-03	1.30E-02
AP	ONS-1	L12785-01	6/27/2007	Sb-124	5.60E-03	3.20E-03	5.00E-03
AP	ONS-1	L12785-01	6/27/2007	Sb-125	2.52E-03	9.50E-04	9.70E-04
AP	ONS-1	L12785-01	6/27/2007	Se-75	-1.89E-03	8.00E-04	3.80E-03
AP	ONS-1	L12785-01	6/27/2007	Zn-65	-6.00E-04	1.00E-03	5.40E-03
AP	ONS-1	L12785-01	6/27/2007	Zr-95	-5.00E-04	1.60E-03	7.80E-03
AP	ONS-2	L12785-02	6/27/2007	AcTh-228	-2.40E-03	2.00E-03	9.80E-03
AP	ONS-2	L12785-02	6/27/2007	Ag-108m	2.40E-04	3.80E-04	1.40E-03
AP	ONS-2	L12785-02	6/27/2007	Ag-110m	3.50E-04	6.10E-04	2.60E-03
AP	ONS-2	L12785-02	6/27/2007	Ba-140	0.00E+00	4.20E-02	2.00E-01
AP	ONS-2	L12785-02	6/27/2007	Be-7	2.03E-01	2.90E-02	4.60E-02 *
AP	ONS-2	L12785-02	6/27/2007	Ce-141	6.40E-03	3.80E-03	1.20E-02
AP	ONS-2	L12785-02	6/27/2007	Ce-144	2.70E-03	2.70E-03	9.50E-03
AP	ONS-2	L12785-02	6/27/2007	Co-57	6.00E-04	3.40E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-2	L12785-02	6/27/2007	Co-58	-2.80E-04	9.40E-04	4.50E-03
AP	ONS-2	L12785-02	6/27/2007	Co-60	2.90E-04	2.90E-04	7.90E-04
AP	ONS-2	L12785-02	6/27/2007	Cr-51	-2.90E-02	3.10E-02	1.30E-01
AP	ONS-2	L12785-02	6/27/2007	Cs-134	-1.40E-04	4.80E-04	2.30E-03
AP	ONS-2	L12785-02	6/27/2007	Cs-137	-2.10E-04	2.10E-04	1.50E-03
AP	ONS-2	L12785-02	6/27/2007	Fe-59	3.40E-03	3.40E-03	1.20E-02
AP	ONS-2	L12785-02	6/27/2007	I-131	-2.50E-01	2.10E-01	9.80E-01
AP	ONS-2	L12785-02	6/27/2007	K-40	1.60E-03	6.30E-03	2.70E-02
AP	ONS-2	L12785-02	6/27/2007	La-140	0.00E+00	4.90E-02	2.30E-01
AP	ONS-2	L12785-02	6/27/2007	Mn-54	-1.50E-04	4.80E-04	2.30E-03
AP	ONS-2	L12785-02	6/27/2007	Nb-95	-2.20E-03	3.10E-03	1.40E-02
AP	ONS-2	L12785-02	6/27/2007	Ru-103	1.30E-03	1.60E-03	6.00E-03
AP	ONS-2	L12785-02	6/27/2007	Ru-106	6.60E-03	5.30E-03	1.80E-02
AP	ONS-2	L12785-02	6/27/2007	Sb-124	-6.00E-03	3.50E-03	2.20E-02
AP	ONS-2	L12785-02	6/27/2007	Sb-125	1.20E-03	1.00E-03	3.60E-03
AP	ONS-2	L12785-02	6/27/2007	Se-75	1.22E-03	9.10E-04	3.10E-03
AP	ONS-2	L12785-02	6/27/2007	Zn-65	-6.00E-04	1.40E-03	6.70E-03
AP	ONS-2	L12785-02	6/27/2007	Zr-95	1.00E-04	1.10E-03	5.80E-03
AP	ONS-3	L12785-03	6/27/2007	AcTh-228	-8.90E-04	7.20E-04	5.40E-03
AP	ONS-3	L12785-03	6/27/2007	Ag-108m	-1.10E-04	3.00E-04	1.30E-03
AP	ONS-3	L12785-03	6/27/2007	Ag-110m	-3.30E-04	5.70E-04	3.10E-03
AP	ONS-3	L12785-03	6/27/2007	Ba-140	0.00E+00	2.80E-02	1.50E-01
AP	ONS-3	L12785-03	6/27/2007	Be-7	1.85E-01	2.70E-02	4.00E-02 *
AP	ONS-3	L12785-03	6/27/2007	Ce-141	0.00E+00	2.90E-03	1.10E-02
AP	ONS-3	L12785-03	6/27/2007	Ce-144	5.00E-04	2.20E-03	8.50E-03
AP	ONS-3	L12785-03	6/27/2007	Co-57	1.80E-04	3.50E-04	1.30E-03
AP	ONS-3	L12785-03	6/27/2007	Co-58	1.70E-03	1.00E-03	2.90E-03
AP	ONS-3	L12785-03	6/27/2007	Co-60	-6.10E-04	4.30E-04	2.70E-03
AP	ONS-3	L12785-03	6/27/2007	Cr-51	-2.70E-02	1.70E-02	9.00E-02
AP	ONS-3	L12785-03	6/27/2007	Cs-134	-1.60E-04	3.40E-04	1.90E-03
AP	ONS-3	L12785-03	6/27/2007	Cs-137	5.10E-04	3.00E-04	4.60E-04
AP	ONS-3	L12785-03	6/27/2007	Fe-59	-3.20E-03	3.20E-03	1.70E-02
AP	ONS-3	L12785-03	6/27/2007	I-131	-4.00E-01	2.20E-01	1.00E+00
AP	ONS-3	L12785-03	6/27/2007	K-40	-5.90E-03	6.30E-03	3.20E-02
AP	ONS-3	L12785-03	6/27/2007	La-140	0.00E+00	3.20E-02	1.70E-01
AP	ONS-3	L12785-03	6/27/2007	Mn-54	-1.10E-04	5.30E-04	2.40E-03
AP	ONS-3	L12785-03	6/27/2007	Nb-95	-1.20E-03	2.70E-03	1.20E-02
AP	ONS-3	L12785-03	6/27/2007	Ru-103	0.00E+00	1.20E-03	5.60E-03
AP	ONS-3	L12785-03	6/27/2007	Ru-106	6.70E-03	3.30E-03	4.50E-03
AP	ONS-3	L12785-03	6/27/2007	Sb-124	1.90E-03	4.90E-03	2.00E-02
AP	ONS-3	L12785-03	6/27/2007	Sb-125	-7.00E-04	1.10E-03	5.10E-03
AP	ONS-3	L12785-03	6/27/2007	Se-75	-7.60E-04	7.60E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-3	L12785-03	6/27/2007	Zn-65	-6.00E-04	1.00E-03	5.40E-03
AP	ONS-3	L12785-03	6/27/2007	Zr-95	2.50E-03	2.00E-03	6.80E-03
AP	ONS-4	L12785-04	6/27/2007	AcTh-228	-9.00E-04	1.50E-03	7.40E-03
AP	ONS-4	L12785-04	6/27/2007	Ag-108m	-1.10E-04	3.70E-04	1.60E-03
AP	ONS-4	L12785-04	6/27/2007	Ag-110m	3.20E-04	3.20E-04	8.80E-04
AP	ONS-4	L12785-04	6/27/2007	Ba-140	1.90E-02	1.90E-02	5.20E-02
AP	ONS-4	L12785-04	6/27/2007	Be-7	1.97E-01	2.80E-02	4.50E-02 *
AP	ONS-4	L12785-04	6/27/2007	Ce-141	-4.60E-03	3.20E-03	1.30E-02
AP	ONS-4	L12785-04	6/27/2007	Ce-144	-2.50E-03	2.20E-03	9.40E-03
AP	ONS-4	L12785-04	6/27/2007	Co-57	8.00E-05	2.30E-04	9.00E-04
AP	ONS-4	L12785-04	6/27/2007	Co-58	1.00E-04	7.80E-04	3.60E-03
AP	ONS-4	L12785-04	6/27/2007	Co-60	5.30E-04	3.80E-04	7.20E-04
AP	ONS-4	L12785-04	6/27/2007	Cr-51	-1.30E-02	2.70E-02	1.10E-01
AP	ONS-4	L12785-04	6/27/2007	Cs-134	5.00E-05	4.00E-04	1.80E-03
AP	ONS-4	L12785-04	6/27/2007	Cs-137	-3.90E-04	2.80E-04	1.70E-03
AP	ONS-4	L12785-04	6/27/2007	Fe-59	-1.50E-03	2.70E-03	1.40E-02
AP	ONS-4	L12785-04	6/27/2007	I-131	2.20E-01	1.60E-01	5.20E-01
AP	ONS-4	L12785-04	6/27/2007	K-40	-8.70E-03	4.30E-03	2.80E-02
AP	ONS-4	L12785-04	6/27/2007	La-140	2.20E-02	2.20E-02	6.00E-02
AP	ONS-4	L12785-04	6/27/2007	Mn-54	8.00E-05	4.90E-04	2.10E-03
AP	ONS-4	L12785-04	6/27/2007	Nb-95	-6.00E-04	1.90E-03	9.30E-03
AP	ONS-4	L12785-04	6/27/2007	Ru-103	0.00E+00	1.90E-03	7.80E-03
AP	ONS-4	L12785-04	6/27/2007	Ru-106	4.40E-03	4.50E-03	1.70E-02
AP	ONS-4	L12785-04	6/27/2007	Sb-124	-1.80E-03	3.20E-03	1.70E-02
AP	ONS-4	L12785-04	6/27/2007	Sb-125	-4.00E-04	1.10E-03	4.70E-03
AP	ONS-4	L12785-04	6/27/2007	Se-75	1.49E-03	7.50E-04	2.20E-03
AP	ONS-4	L12785-04	6/27/2007	Zr-95	2.40E-03	1.70E-03	5.30E-03
AP	ONS-5	L12785-05	6/27/2007	AcTh-228	-1.60E-03	1.40E-03	7.60E-03
AP	ONS-5	L12785-05	6/27/2007	Ag-108m	-2.20E-04	3.20E-04	1.50E-03
AP	ONS-5	L12785-05	6/27/2007	Ag-110m	6.60E-04	4.70E-04	8.90E-04
AP	ONS-5	L12785-05	6/27/2007	Ba-140	-2.00E-02	3.40E-02	1.80E-01
AP	ONS-5	L12785-05	6/27/2007	Be-7	2.09E-01	2.80E-02	4.00E-02 *
AP	ONS-5	L12785-05	6/27/2007	Ce-141	1.20E-03	3.50E-03	1.30E-02
AP	ONS-5	L12785-05	6/27/2007	Ce-144	2.50E-03	2.60E-03	9.20E-03
AP	ONS-5	L12785-05	6/27/2007	Co-57	5.70E-04	2.60E-04	7.60E-04
AP	ONS-5	L12785-05	6/27/2007	Co-58	-1.11E-03	6.40E-04	4.20E-03
AP	ONS-5	L12785-05	6/27/2007	Co-60	-9.20E-04	5.30E-04	3.10E-03
AP	ONS-5	L12785-05	6/27/2007	Cr-51	1.40E-02	1.90E-02	7.40E-02
AP	ONS-5	L12785-05	6/27/2007	Cs-134	-1.60E-04	3.40E-04	1.90E-03
AP	ONS-5	L12785-05	6/27/2007	Cs-137	1.10E-04	4.10E-04	1.70E-03
AP	ONS-5	L12785-05	6/27/2007	Fe-59	-1.60E-03	3.50E-03	1.70E-02
AP	ONS-5	L12785-05	6/27/2007	I-131	1.10E-01	1.80E-01	6.90E-01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-5	L12785-05	6/27/2007	K-40	-1.10E-03	5.30E-03	2.50E-02
AP	ONS-5	L12785-05	6/27/2007	La-140	-2.30E-02	3.90E-02	2.10E-01
AP	ONS-5	L12785-05	6/27/2007	Mn-54	2.40E-04	3.60E-04	1.50E-03
AP	ONS-5	L12785-05	6/27/2007	Nb-95	-5.80E-03	2.20E-03	1.30E-02
AP	ONS-5	L12785-05	6/27/2007	Ru-103	-1.21E-03	8.60E-04	5.60E-03
AP	ONS-5	L12785-05	6/27/2007	Ru-106	-3.30E-03	6.00E-03	2.60E-02
AP	ONS-5	L12785-05	6/27/2007	Sb-124	0.00E+00	3.70E-03	1.70E-02
AP	ONS-5	L12785-05	6/27/2007	Sb-125	-7.00E-04	1.00E-03	4.70E-03
AP	ONS-5	L12785-05	6/27/2007	Se-75	-1.90E-04	8.70E-04	3.50E-03
AP	ONS-5	L12785-05	6/27/2007	Zn-65	6.00E-04	1.00E-03	4.30E-03
AP	ONS-5	L12785-05	6/27/2007	Zr-95	9.00E-04	1.30E-03	5.40E-03
AP	ONS-6	L12785-06	6/27/2007	AcTh-228	-2.00E-04	1.00E-03	5.40E-03
AP	ONS-6	L12785-06	6/27/2007	Ag-108m	0.00E+00	3.20E-04	1.40E-03
AP	ONS-6	L12785-06	6/27/2007	Ag-110m	-3.40E-04	7.50E-04	3.60E-03
AP	ONS-6	L12785-06	6/27/2007	Ba-140	0.00E+00	2.80E-02	1.50E-01
AP	ONS-6	L12785-06	6/27/2007	Be-7	2.08E-01	2.90E-02	4.90E-02 *
AP	ONS-6	L12785-06	6/27/2007	Ce-141	-4.20E-03	3.10E-03	1.30E-02
AP	ONS-6	L12785-06	6/27/2007	Ce-144	5.20E-03	2.10E-03	5.60E-03
AP	ONS-6	L12785-06	6/27/2007	Co-57	1.70E-04	2.80E-04	1.00E-03
AP	ONS-6	L12785-06	6/27/2007	Co-58	-3.20E-04	6.80E-04	3.70E-03
AP	ONS-6	L12785-06	6/27/2007	Co-60	-3.10E-04	3.10E-04	2.20E-03
AP	ONS-6	L12785-06	6/27/2007	Cr-51	2.80E-02	2.00E-02	6.50E-02
AP	ONS-6	L12785-06	6/27/2007	Cs-134	-3.30E-04	4.90E-04	2.40E-03
AP	ONS-6	L12785-06	6/27/2007	Cs-137	-6.60E-04	5.10E-04	2.50E-03
AP	ONS-6	L12785-06	6/27/2007	Fe-59	0.00E+00	2.30E-03	1.20E-02
AP	ONS-6	L12785-06	6/27/2007	I-131	-2.90E-01	1.90E-01	9.30E-01
AP	ONS-6	L12785-06	6/27/2007	K-40	4.50E-03	7.50E-03	2.90E-02
AP	ONS-6	L12785-06	6/27/2007	La-140	0.00E+00	3.30E-02	1.70E-01
AP	ONS-6	L12785-06	6/27/2007	Mn-54	3.00E-05	2.90E-04	1.50E-03
AP	ONS-6	L12785-06	6/27/2007	Nb-95	2.80E-03	1.70E-03	3.80E-03
AP	ONS-6	L12785-06	6/27/2007	Ru-103	1.20E-03	1.70E-03	6.60E-03
AP	ONS-6	L12785-06	6/27/2007	Ru-106	1.10E-03	4.00E-03	1.70E-02
AP	ONS-6	L12785-06	6/27/2007	Sb-124	-3.80E-03	4.60E-03	2.30E-02
AP	ONS-6	L12785-06	6/27/2007	Sb-125	1.10E-03	1.30E-03	4.80E-03
AP	ONS-6	L12785-06	6/27/2007	Se-75	-1.90E-04	7.50E-04	3.10E-03
AP	ONS-6	L12785-06	6/27/2007	Zn-65	1.20E-03	1.20E-03	4.30E-03
AP	ONS-6	L12785-06	6/27/2007	Zr-95	1.80E-03	1.90E-03	6.90E-03
AP	NBF	L12785-07	6/27/2007	AcTh-228	1.20E-03	1.70E-03	6.80E-03
AP	NBF	L12785-07	6/27/2007	Ag-108m	4.60E-04	3.30E-04	1.10E-03
AP	NBF	L12785-07	6/27/2007	Ag-110m	-3.40E-04	5.90E-04	3.20E-03
AP	NBF	L12785-07	6/27/2007	Ba-140	0.00E+00	2.90E-02	1.50E-01
AP	NBF	L12785-07	6/27/2007	Be-7	2.14E-01	3.10E-02	5.90E-02 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	NBF	L12785-07	6/27/2007	Ce-141	0.00E+00	3.20E-03	1.20E-02
AP	NBF	L12785-07	6/27/2007	Ce-144	-5.80E-03	2.30E-03	1.10E-02
AP	NBF	L12785-07	6/27/2007	Co-57	1.80E-04	2.80E-04	1.00E-03
AP	NBF	L12785-07	6/27/2007	Co-58	-2.00E-04	1.20E-03	5.30E-03
AP	NBF	L12785-07	6/27/2007	Co-60	-7.00E-05	6.00E-04	2.80E-03
AP	NBF	L12785-07	6/27/2007	Cr-51	0.00E+00	2.50E-02	1.00E-01
AP	NBF	L12785-07	6/27/2007	Cs-134	-1.40E-04	4.60E-04	2.20E-03
AP	NBF	L12785-07	6/27/2007	Cs-137	2.90E-04	4.50E-04	1.80E-03
AP	NBF	L12785-07	6/27/2007	Fe-59	1.60E-03	2.80E-03	1.20E-02
AP	NBF	L12785-07	6/27/2007	I-131	6.00E-02	1.80E-01	7.20E-01
AP	NBF	L12785-07	6/27/2007	K-40	-6.00E-04	7.50E-03	3.20E-02
AP	NBF	L12785-07	6/27/2007	La-140	0.00E+00	3.30E-02	1.70E-01
AP	NBF	L12785-07	6/27/2007	Mn-54	4.70E-04	4.30E-04	1.50E-03
AP	NBF	L12785-07	6/27/2007	Nb-95	1.00E-03	1.60E-03	6.90E-03
AP	NBF	L12785-07	6/27/2007	Ru-103	1.20E-03	2.00E-03	7.50E-03
AP	NBF	L12785-07	6/27/2007	Ru-106	-1.10E-03	5.30E-03	2.30E-02
AP	NBF	L12785-07	6/27/2007	Sb-124	-1.90E-03	1.90E-03	1.40E-02
AP	NBF	L12785-07	6/27/2007	Sb-125	-2.20E-03	1.20E-03	5.90E-03
AP	NBF	L12785-07	6/27/2007	Se-75	3.90E-04	8.80E-04	3.30E-03
AP	NBF	L12785-07	6/27/2007	Zn-65	0.00E+00	8.40E-04	4.40E-03
AP	NBF	L12785-07	6/27/2007	Zr-95	-3.20E-03	2.40E-03	1.20E-02
AP	SBN	L12785-08	6/27/2007	AcTh-228	4.80E-04	7.20E-04	3.30E-03
AP	SBN	L12785-08	6/27/2007	Ag-108m	-2.20E-04	2.80E-04	1.40E-03
AP	SBN	L12785-08	6/27/2007	Ag-110m	0.00E+00	0.00E+00	9.30E-04
AP	SBN	L12785-08	6/27/2007	Ba-140	0.00E+00	5.40E-02	2.80E-01
AP	SBN	L12785-08	6/27/2007	Be-7	2.12E-01	3.00E-02	3.40E-02 *
AP	SBN	L12785-08	6/27/2007	Ce-141	-7.00E-04	4.50E-03	1.70E-02
AP	SBN	L12785-08	6/27/2007	Ce-144	-3.10E-03	2.30E-03	1.00E-02
AP	SBN	L12785-08	6/27/2007	Co-57	-1.90E-04	2.70E-04	1.20E-03
AP	SBN	L12785-08	6/27/2007	Co-58	-7.00E-04	1.10E-03	5.30E-03
AP	SBN	L12785-08	6/27/2007	Co-60	-3.10E-04	3.10E-04	2.10E-03
AP	SBN	L12785-08	6/27/2007	Cr-51	0.00E+00	2.60E-02	1.10E-01
AP	SBN	L12785-08	6/27/2007	Cs-134	-5.50E-04	4.40E-04	2.40E-03
AP	SBN	L12785-08	6/27/2007	Cs-137	2.30E-04	5.80E-04	2.30E-03
AP	SBN	L12785-08	6/27/2007	Fe-59	0.00E+00	5.40E-03	2.30E-02
AP	SBN	L12785-08	6/27/2007	I-131	1.60E-01	3.60E-01	1.50E+00
AP	SBN	L12785-08	6/27/2007	K-40	4.20E-03	6.50E-03	2.50E-02
AP	SBN	L12785-08	6/27/2007	La-140	0.00E+00	6.20E-02	3.20E-01
AP	SBN	L12785-08	6/27/2007	Mn-54	5.30E-04	6.00E-04	2.20E-03
AP	SBN	L12785-08	6/27/2007	Nb-95	4.80E-03	2.90E-03	8.40E-03
AP	SBN	L12785-08	6/27/2007	Ru-103	-3.00E-03	2.10E-03	1.10E-02
AP	SBN	L12785-08	6/27/2007	Ru-106	6.30E-03	5.00E-03	1.70E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	SBN	L12785-08	6/27/2007	Sb-124	-6.40E-03	4.80E-03	2.60E-02
AP	SBN	L12785-08	6/27/2007	Sb-125	-3.70E-04	9.70E-04	4.40E-03
AP	SBN	L12785-08	6/27/2007	Se-75	0.00E+00	7.10E-04	2.90E-03
AP	SBN	L12785-08	6/27/2007	Zn-65	-6.00E-04	1.00E-03	5.60E-03
AP	SBN	L12785-08	6/27/2007	Zr-95	1.10E-03	1.90E-03	7.70E-03
AP	DOW	L12785-09	6/27/2007	AcTh-228	3.20E-03	1.80E-03	5.30E-03
AP	DOW	L12785-09	6/27/2007	Ag-108m	3.30E-04	2.90E-04	1.00E-03
AP	DOW	L12785-09	6/27/2007	Ag-110m	7.00E-04	1.00E-03	3.90E-03
AP	DOW	L12785-09	6/27/2007	Ba-140	0.00E+00	0.00E+00	5.40E-02
AP	DOW	L12785-09	6/27/2007	Be-7	1.37E-01	2.70E-02	6.10E-02 *
AP	DOW	L12785-09	6/27/2007	Ce-141	-2.30E-03	3.00E-03	1.20E-02
AP	DOW	L12785-09	6/27/2007	Ce-144	-2.00E-03	2.70E-03	1.10E-02
AP	DOW	L12785-09	6/27/2007	Co-57	7.00E-05	2.90E-04	1.10E-03
AP	DOW	L12785-09	6/27/2007	Co-58	2.10E-03	9.40E-04	1.10E-03
AP	DOW	L12785-09	6/27/2007	Co-60	2.70E-04	2.70E-04	7.30E-04
AP	DOW	L12785-09	6/27/2007	Cr-51	-2.70E-02	2.20E-02	1.00E-01
AP	DOW	L12785-09	6/27/2007	Cs-134	3.00E-05	2.80E-04	1.50E-03
AP	DOW	L12785-09	6/27/2007	Cs-137	2.00E-04	6.30E-04	2.40E-03
AP	DOW	L12785-09	6/27/2007	Fe-59	-1.60E-03	2.70E-03	1.50E-02
AP	DOW	L12785-09	6/27/2007	I-131	-6.00E-02	1.90E-01	8.10E-01
AP	DOW	L12785-09	6/27/2007	K-40	4.20E-03	6.40E-03	2.50E-02
AP	DOW	L12785-09	6/27/2007	La-140	0.00E+00	0.00E+00	6.20E-02
AP	DOW	L12785-09	6/27/2007	Mn-54	-3.00E-04	5.60E-04	2.60E-03
AP	DOW	L12785-09	6/27/2007	Nb-95	4.60E-03	2.10E-03	3.80E-03
AP	DOW	L12785-09	6/27/2007	Ru-103	3.00E-03	1.60E-03	4.40E-03
AP	DOW	L12785-09	6/27/2007	Ru-106	6.30E-03	4.20E-03	1.30E-02
AP	DOW	L12785-09	6/27/2007	Sb-124	1.90E-03	1.90E-03	5.00E-03
AP	DOW	L12785-09	6/27/2007	Sb-125	1.40E-03	1.10E-03	3.90E-03
AP	DOW	L12785-09	6/27/2007	Se-75	-1.13E-03	7.60E-04	3.40E-03
AP	DOW	L12785-09	6/27/2007	Zn-65	0.00E+00	1.20E-03	5.30E-03
AP	DOW	L12785-09	6/27/2007	Zr-95	1.00E-04	1.00E-03	5.40E-03
AP	COL	L12785-10	6/27/2007	AcTh-228	5.00E-04	1.90E-03	8.00E-03
AP	COL	L12785-10	6/27/2007	Ag-108m	2.40E-04	3.30E-04	1.30E-03
AP	COL	L12785-10	6/27/2007	Ag-110m	1.05E-03	6.00E-04	9.40E-04
AP	COL	L12785-10	6/27/2007	Ba-140	0.00E+00	3.00E-02	1.50E-01
AP	COL	L12785-10	6/27/2007	Be-7	1.89E-01	2.90E-02	5.30E-02 *
AP	COL	L12785-10	6/27/2007	Ce-141	-2.50E-03	2.80E-03	1.20E-02
AP	COL	L12785-10	6/27/2007	Ce-144	1.10E-03	2.60E-03	9.70E-03
AP	COL	L12785-10	6/27/2007	Co-57	1.90E-04	3.00E-04	1.10E-03
AP	COL	L12785-10	6/27/2007	Co-58	7.00E-04	1.30E-03	5.00E-03
AP	COL	L12785-10	6/27/2007	Co-60	5.70E-04	4.10E-04	7.80E-04
AP	COL	L12785-10	6/27/2007	Cr-51	-3.60E-02	3.00E-02	1.30E-01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	COL	L12785-10	6/27/2007	Cs-134	-4.00E-04	2.80E-04	2.00E-03
AP	COL	L12785-10	6/27/2007	Cs-137	-3.00E-04	5.20E-04	2.40E-03
AP	COL	L12785-10	6/27/2007	Fe-59	-1.70E-03	3.70E-03	1.80E-02
AP	COL	L12785-10	6/27/2007	I-131	-6.00E-02	2.20E-01	9.20E-01
AP	COL	L12785-10	6/27/2007	K-40	-6.00E-03	7.60E-03	3.60E-02
AP	COL	L12785-10	6/27/2007	La-140	0.00E+00	3.40E-02	1.80E-01
AP	COL	L12785-10	6/27/2007	Mn-54	-1.10E-04	5.60E-04	2.50E-03
AP	COL	L12785-10	6/27/2007	Nb-95	-9.40E-04	9.10E-04	7.00E-03
AP	COL	L12785-10	6/27/2007	Ru-103	-3.20E-03	1.40E-03	8.40E-03
AP	COL	L12785-10	6/27/2007	Ru-106	-5.00E-03	5.50E-03	2.50E-02
AP	COL	L12785-10	6/27/2007	Sb-124	-2.00E-03	4.40E-03	2.10E-02
AP	COL	L12785-10	6/27/2007	Sb-125	7.60E-04	9.40E-04	3.50E-03
AP	COL	L12785-10	6/27/2007	Se-75	2.00E-04	7.80E-04	3.00E-03
AP	COL	L12785-10	6/27/2007	Zn-65	-1.80E-03	1.40E-03	7.40E-03
AP	COL	L12785-10	6/27/2007	Zr-95	-1.40E-03	1.00E-03	7.20E-03
AP	ONS-1	L13142-01	9/26/2007	AcTh-228	-7.00E-04	1.20E-03	6.40E-03
AP	ONS-1	L13142-01	9/26/2007	Ag-108m	-3.40E-04	3.00E-04	1.50E-03
AP	ONS-1	L13142-01	9/26/2007	Ag-110m	-3.20E-04	7.10E-04	3.40E-03
AP	ONS-1	L13142-01	9/26/2007	Ba-140	-9.00E-03	1.50E-02	8.20E-02
AP	ONS-1	L13142-01	9/26/2007	Be-7	1.51E-01	2.50E-02	5.50E-02 *
AP	ONS-1	L13142-01	9/26/2007	Ce-141	9.00E-04	2.30E-03	8.50E-03
AP	ONS-1	L13142-01	9/26/2007	Ce-144	-3.40E-03	2.30E-03	9.90E-03
AP	ONS-1	L13142-01	9/26/2007	Co-57	3.60E-04	3.00E-04	1.00E-03
AP	ONS-1	L13142-01	9/26/2007	Co-58	4.10E-04	6.10E-04	2.50E-03
AP	ONS-1	L13142-01	9/26/2007	Co-60	-3.10E-04	3.10E-04	2.10E-03
AP	ONS-1	L13142-01	9/26/2007	Cr-51	2.40E-02	1.90E-02	6.70E-02
AP	ONS-1	L13142-01	9/26/2007	Cs-134	4.80E-04	5.00E-04	1.90E-03
AP	ONS-1	L13142-01	9/26/2007	Cs-137	-4.80E-04	5.40E-04	2.50E-03
AP	ONS-1	L13142-01	9/26/2007	Fe-59	2.50E-03	1.80E-03	3.40E-03
AP	ONS-1	L13142-01	9/26/2007	I-131	-4.70E-02	6.10E-02	2.60E-01
AP	ONS-1	L13142-01	9/26/2007	K-40	1.00E-03	5.30E-03	2.40E-02
AP	ONS-1	L13142-01	9/26/2007	La-140	-1.00E-02	1.80E-02	9.40E-02
AP	ONS-1	L13142-01	9/26/2007	Mn-54	4.20E-04	6.70E-04	2.50E-03
AP	ONS-1	L13142-01	9/26/2007	Nb-95	-1.80E-03	2.10E-03	9.60E-03
AP	ONS-1	L13142-01	9/26/2007	Ru-103	-9.00E-04	1.10E-03	5.60E-03
AP	ONS-1	L13142-01	9/26/2007	Ru-106	-2.70E-03	4.70E-03	2.10E-02
AP	ONS-1	L13142-01	9/26/2007	Sb-124	1.60E-03	2.70E-03	1.20E-02
AP	ONS-1	L13142-01	9/26/2007	Sb-125	0.00E+00	1.20E-03	5.10E-03
AP	ONS-1	L13142-01	9/26/2007	Se-75	1.23E-03	8.80E-04	2.90E-03
AP	ONS-1	L13142-01	9/26/2007	Zn-65	-5.00E-03	1.90E-03	9.70E-03
AP	ONS-1	L13142-01	9/26/2007	Zr-95	-1.10E-03	1.20E-03	6.70E-03
AP	ONS-2	L13142-02	9/26/2007	AcTh-228	7.00E-04	1.60E-03	6.50E-03

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-2	L13142-02	9/26/2007	Ag-108m	-3.40E-04	3.40E-04	1.60E-03
AP	ONS-2	L13142-02	9/26/2007	Ag-110m	3.20E-04	5.60E-04	2.40E-03
AP	ONS-2	L13142-02	9/26/2007	Ba-140	0.00E+00	0.00E+00	2.40E-02
AP	ONS-2	L13142-02	9/26/2007	Be-7	1.40E-01	2.30E-02	4.40E-02 *
AP	ONS-2	L13142-02	9/26/2007	Ce-141	9.00E-04	2.30E-03	8.60E-03
AP	ONS-2	L13142-02	9/26/2007	Ce-144	5.00E-04	2.60E-03	9.70E-03
AP	ONS-2	L13142-02	9/26/2007	Co-57	-5.00E-05	2.80E-04	1.10E-03
AP	ONS-2	L13142-02	9/26/2007	Co-58	-2.30E-04	7.70E-04	3.70E-03
AP	ONS-2	L13142-02	9/26/2007	Co-60	2.40E-04	5.00E-04	2.10E-03
AP	ONS-2	L13142-02	9/26/2007	Cr-51	-3.40E-02	2.30E-02	9.90E-02
AP	ONS-2	L13142-02	9/26/2007	Cs-134	-9.20E-04	5.10E-04	2.80E-03
AP	ONS-2	L13142-02	9/26/2007	Cs-137	-2.30E-04	3.30E-04	1.80E-03
AP	ONS-2	L13142-02	9/26/2007	Fe-59	6.40E-03	2.80E-03	3.40E-03
AP	ONS-2	L13142-02	9/26/2007	I-131	0.00E+00	5.10E-02	2.10E-01
AP	ONS-2	L13142-02	9/26/2007	K-40	6.10E-03	5.50E-03	1.90E-02
AP	ONS-2	L13142-02	9/26/2007	La-140	0.00E+00	0.00E+00	2.80E-02
AP	ONS-2	L13142-02	9/26/2007	Mn-54	-2.10E-04	5.70E-04	2.60E-03
AP	ONS-2	L13142-02	9/26/2007	Nb-95	-5.80E-03	2.00E-03	1.10E-02
AP	ONS-2	L13142-02	9/26/2007	Ru-103	0.00E+00	1.20E-03	5.10E-03
AP	ONS-2	L13142-02	9/26/2007	Ru-106	-8.00E-04	4.40E-03	1.90E-02
AP	ONS-2	L13142-02	9/26/2007	Sb-124	-3.20E-03	2.30E-03	1.50E-02
AP	ONS-2	L13142-02	9/26/2007	Sb-125	7.00E-04	1.30E-03	4.80E-03
AP	ONS-2	L13142-02	9/26/2007	Se-75	2.00E-04	1.10E-03	3.90E-03
AP	ONS-2	L13142-02	9/26/2007	Zn-65	-2.30E-03	1.10E-03	6.80E-03
AP	ONS-2	L13142-02	9/26/2007	Zr-95	-2.90E-03	1.60E-03	8.80E-03
AP	ONS-3	L13142-03	9/26/2007	AcTh-228	2.70E-03	1.40E-03	1.80E-03
AP	ONS-3	L13142-03	9/26/2007	Ag-108m	-4.40E-04	4.20E-04	1.90E-03
AP	ONS-3	L13142-03	9/26/2007	Ag-110m	-1.26E-03	6.30E-04	3.80E-03
AP	ONS-3	L13142-03	9/26/2007	Ba-140	-2.60E-02	1.90E-02	1.00E-01
AP	ONS-3	L13142-03	9/26/2007	Be-7	1.89E-01	2.50E-02	3.90E-02 *
AP	ONS-3	L13142-03	9/26/2007	Ce-141	-2.50E-03	2.20E-03	9.20E-03
AP	ONS-3	L13142-03	9/26/2007	Ce-144	1.50E-03	2.40E-03	8.80E-03
AP	ONS-3	L13142-03	9/26/2007	Co-57	-9.00E-05	2.80E-04	1.10E-03
AP	ONS-3	L13142-03	9/26/2007	Co-58	1.40E-04	8.30E-04	3.60E-03
AP	ONS-3	L13142-03	9/26/2007	Co-60	-3.00E-05	4.00E-04	2.10E-03
AP	ONS-3	L13142-03	9/26/2007	Cr-51	9.00E-03	1.60E-02	6.10E-02
AP	ONS-3	L13142-03	9/26/2007	Cs-134	2.60E-04	4.50E-04	1.80E-03
AP	ONS-3	L13142-03	9/26/2007	Cs-137	2.30E-04	5.70E-04	2.20E-03
AP	ONS-3	L13142-03	9/26/2007	Fe-59	4.90E-03	2.50E-03	3.30E-03
AP	ONS-3	L13142-03	9/26/2007	I-131	-1.60E-02	6.40E-02	2.60E-01
AP	ONS-3	L13142-03	9/26/2007	K-40	6.20E-03	6.40E-03	2.30E-02
AP	ONS-3	L13142-03	9/26/2007	La-140	-3.00E-02	2.20E-02	1.20E-01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-3	L13142-03	9/26/2007	Mn-54	0.00E+00	5.10E-04	2.20E-03
AP	ONS-3	L13142-03	9/26/2007	Nb-95	1.00E-04	1.70E-03	7.50E-03
AP	ONS-3	L13142-03	9/26/2007	Ru-103	0.00E+00	1.10E-03	4.90E-03
AP	ONS-3	L13142-03	9/26/2007	Ru-106	-5.90E-03	4.10E-03	2.10E-02
AP	ONS-3	L13142-03	9/26/2007	Sb-124	3.10E-03	2.20E-03	4.20E-03
AP	ONS-3	L13142-03	9/26/2007	Sb-125	-1.80E-03	1.30E-03	5.90E-03
AP	ONS-3	L13142-03	9/26/2007	Se-75	-1.21E-03	8.60E-04	3.70E-03
AP	ONS-3	L13142-03	9/26/2007	Zn-65	-2.20E-03	1.60E-03	7.80E-03
AP	ONS-3	L13142-03	9/26/2007	Zr-95	-2.70E-03	1.80E-03	9.10E-03
AP	ONS-4	L13142-04	9/26/2007	AcTh-228	-7.00E-04	1.20E-03	6.40E-03
AP	ONS-4	L13142-04	9/26/2007	Ag-108m	1.10E-04	4.90E-04	1.90E-03
AP	ONS-4	L13142-04	9/26/2007	Ag-110m	-1.60E-03	8.50E-04	4.50E-03
AP	ONS-4	L13142-04	9/26/2007	Ba-140	-9.00E-03	1.50E-02	8.20E-02
AP	ONS-4	L13142-04	9/26/2007	Be-7	1.46E-01	2.20E-02	3.60E-02 *
AP	ONS-4	L13142-04	9/26/2007	Ce-141	9.00E-04	1.70E-03	6.20E-03
AP	ONS-4	L13142-04	9/26/2007	Ce-144	1.00E-03	2.30E-03	8.60E-03
AP	ONS-4	L13142-04	9/26/2007	Co-57	-2.20E-04	2.80E-04	1.20E-03
AP	ONS-4	L13142-04	9/26/2007	Co-58	-1.19E-03	9.40E-04	4.80E-03
AP	ONS-4	L13142-04	9/26/2007	Co-60	5.10E-04	5.60E-04	2.10E-03
AP	ONS-4	L13142-04	9/26/2007	Cr-51	-3.80E-02	1.90E-02	8.90E-02
AP	ONS-4	L13142-04	9/26/2007	Cs-134	8.90E-04	5.20E-04	1.50E-03
AP	ONS-4	L13142-04	9/26/2007	Cs-137	1.40E-04	3.20E-04	1.40E-03
AP	ONS-4	L13142-04	9/26/2007	Fe-59	-1.30E-03	3.30E-03	1.50E-02
AP	ONS-4	L13142-04	9/26/2007	I-131	1.60E-02	4.20E-02	1.70E-01
AP	ONS-4	L13142-04	9/26/2007	K-40	7.00E-04	3.90E-03	1.90E-02
AP	ONS-4	L13142-04	9/26/2007	La-140	-1.00E-02	1.80E-02	9.40E-02
AP	ONS-4	L13142-04	9/26/2007	Mn-54	2.10E-04	3.70E-04	1.60E-03
AP	ONS-4	L13142-04	9/26/2007	Nb-95	2.80E-03	2.10E-03	6.90E-03
AP	ONS-4	L13142-04	9/26/2007	Ru-103	-1.90E-03	1.10E-03	6.10E-03
AP	ONS-4	L13142-04	9/26/2007	Ru-106	1.60E-03	1.60E-03	4.40E-03
AP	ONS-4	L13142-04	9/26/2007	Sb-124	-1.60E-03	3.50E-03	1.70E-02
AP	ONS-4	L13142-04	9/26/2007	Sb-125	-7.00E-04	1.40E-03	6.00E-03
AP	ONS-4	L13142-04	9/26/2007	Se-75	-1.41E-03	7.50E-04	3.40E-03
AP	ONS-4	L13142-04	9/26/2007	Zn-65	1.70E-03	1.30E-03	4.10E-03
AP	ONS-4	L13142-04	9/26/2007	Zr-95	1.10E-03	2.10E-03	8.10E-03
AP	ONS-5	L13142-05	9/26/2007	AcTh-228	2.10E-03	2.10E-03	7.70E-03
AP	ONS-5	L13142-05	9/26/2007	Ag-108m	-4.70E-04	3.30E-04	1.60E-03
AP	ONS-5	L13142-05	9/26/2007	Ag-110m	-3.30E-04	5.70E-04	3.10E-03
AP	ONS-5	L13142-05	9/26/2007	Ba-140	-2.70E-02	1.60E-02	9.80E-02
AP	ONS-5	L13142-05	9/26/2007	Be-7	1.42E-01	2.30E-02	4.50E-02 *
AP	ONS-5	L13142-05	9/26/2007	Ce-141	-9.00E-04	2.00E-03	8.20E-03
AP	ONS-5	L13142-05	9/26/2007	Ce-144	-3.10E-03	2.20E-03	9.60E-03

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-5	L13142-05	9/26/2007	Co-57	3.00E-05	2.40E-04	9.60E-04
AP	ONS-5	L13142-05	9/26/2007	Co-58	4.30E-04	6.30E-04	2.60E-03
AP	ONS-5	L13142-05	9/26/2007	Co-60	5.60E-04	4.00E-04	7.60E-04
AP	ONS-5	L13142-05	9/26/2007	Cr-51	1.00E-02	1.80E-02	6.90E-02
AP	ONS-5	L13142-05	9/26/2007	Cs-134	-1.10E-04	5.50E-04	2.50E-03
AP	ONS-5	L13142-05	9/26/2007	Cs-137	-9.00E-05	4.70E-04	2.10E-03
AP	ONS-5	L13142-05	9/26/2007	Fe-59	-2.60E-03	2.60E-03	1.40E-02
AP	ONS-5	L13142-05	9/26/2007	I-131	0.00E+00	4.00E-02	1.80E-01
AP	ONS-5	L13142-05	9/26/2007	K-40	6.60E-03	6.70E-03	2.50E-02
AP	ONS-5	L13142-05	9/26/2007	La-140	-3.10E-02	1.80E-02	1.10E-01
AP	ONS-5	L13142-05	9/26/2007	Mn-54	-1.09E-03	5.80E-04	3.10E-03
AP	ONS-5	L13142-05	9/26/2007	Nb-95	2.90E-03	2.10E-03	7.10E-03
AP	ONS-5	L13142-05	9/26/2007	Ru-103	1.90E-03	1.50E-03	5.20E-03
AP	ONS-5	L13142-05	9/26/2007	Ru-106	4.80E-03	3.90E-03	1.30E-02
AP	ONS-5	L13142-05	9/26/2007	Sb-124	1.60E-03	1.60E-03	4.40E-03
AP	ONS-5	L13142-05	9/26/2007	Sb-125	0.00E+00	1.20E-03	4.90E-03
AP	ONS-5	L13142-05	9/26/2007	Se-75	-9.10E-04	8.70E-04	3.70E-03
AP	ONS-5	L13142-05	9/26/2007	Zn-65	-1.70E-03	1.30E-03	7.00E-03
AP	ONS-5	L13142-05	9/26/2007	Zr-95	8.00E-04	1.20E-03	4.80E-03
AP	ONS-6	L13142-06	9/26/2007	AcTh-228	7.00E-04	1.50E-03	6.40E-03
AP	ONS-6	L13142-06	9/26/2007	Ag-108m	6.70E-04	4.50E-04	1.50E-03
AP	ONS-6	L13142-06	9/26/2007	Ag-110m	9.50E-04	5.50E-04	8.60E-04
AP	ONS-6	L13142-06	9/26/2007	Ba-140	-1.80E-02	1.20E-02	8.20E-02
AP	ONS-6	L13142-06	9/26/2007	Be-7	1.78E-01	2.20E-02	7.50E-03 *
AP	ONS-6	L13142-06	9/26/2007	Ce-141	-4.00E-04	2.10E-03	8.20E-03
AP	ONS-6	L13142-06	9/26/2007	Ce-144	2.50E-03	2.80E-03	9.90E-03
AP	ONS-6	L13142-06	9/26/2007	Co-57	-7.00E-05	2.50E-04	1.00E-03
AP	ONS-6	L13142-06	9/26/2007	Co-58	1.90E-03	1.10E-03	3.20E-03
AP	ONS-6	L13142-06	9/26/2007	Co-60	-3.00E-05	4.10E-04	2.10E-03
AP	ONS-6	L13142-06	9/26/2007	Cr-51	1.90E-02	1.60E-02	5.70E-02
AP	ONS-6	L13142-06	9/26/2007	Cs-134	6.90E-04	5.40E-04	1.80E-03
AP	ONS-6	L13142-06	9/26/2007	Cs-137	-4.00E-04	2.80E-04	1.70E-03
AP	ONS-6	L13142-06	9/26/2007	Fe-59	-2.50E-03	2.50E-03	1.30E-02
AP	ONS-6	L13142-06	9/26/2007	I-131	4.70E-02	5.70E-02	2.10E-01
AP	ONS-6	L13142-06	9/26/2007	K-40	1.00E-03	5.30E-03	2.40E-02
AP	ONS-6	L13142-06	9/26/2007	La-140	-2.00E-02	1.40E-02	9.40E-02
AP	ONS-6	L13142-06	9/26/2007	Mn-54	-6.30E-04	7.00E-04	3.20E-03
AP	ONS-6	L13142-06	9/26/2007	Nb-95	-1.80E-03	2.00E-03	9.50E-03
AP	ONS-6	L13142-06	9/26/2007	Ru-103	-1.40E-03	1.20E-03	6.10E-03
AP	ONS-6	L13142-06	9/26/2007	Ru-106	-2.40E-03	4.00E-03	1.90E-02
AP	ONS-6	L13142-06	9/26/2007	Sb-124	3.10E-03	3.10E-03	1.20E-02
AP	ONS-6	L13142-06	9/26/2007	Sb-125	-4.00E-04	1.10E-03	4.70E-03

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

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



## Summary of 2007 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	L13142-06	9/26/2007	Se-75	-2.44E-03	8.90E-04	4.10E-03
AP	ONS-6	L13142-06	9/26/2007	Zn-65	0.00E+00	1.40E-03	6.00E-03
AP	ONS-6	L13142-06	9/26/2007	Zr-95	8.00E-05	8.80E-04	4.60E-03
AP	NBF	L13142-07	9/26/2007	AcTh-228	-7.00E-04	1.20E-03	6.40E-03
AP	NBF	L13142-07	9/26/2007	Ag-108m	0.00E+00	2.80E-04	1.20E-03
AP	NBF	L13142-07	9/26/2007	Ag-110m	9.50E-04	7.10E-04	2.30E-03
AP	NBF	L13142-07	9/26/2007	Ba-140	-8.90E-03	8.90E-03	6.60E-02
AP	NBF	L13142-07	9/26/2007	Be-7	1.72E-01	2.40E-02	4.00E-02 *
AP	NBF	L13142-07	9/26/2007	Ce-141	-2.10E-03	2.40E-03	9.60E-03
AP	NBF	L13142-07	9/26/2007	Ce-144	-3.00E-03	2.60E-03	1.10E-02
AP	NBF	L13142-07	9/26/2007	Co-57	5.90E-04	3.00E-04	9.30E-04
AP	NBF	L13142-07	9/26/2007	Co-58	-3.20E-04	3.20E-04	2.50E-03
AP	NBF	L13142-07	9/26/2007	Co-60	2.00E-04	6.40E-04	2.70E-03
AP	NBF	L13142-07	9/26/2007	Cr-51	-5.00E-03	1.70E-02	7.10E-02
AP	NBF	L13142-07	9/26/2007	Cs-134	-1.30E-04	4.40E-04	2.10E-03
AP	NBF	L13142-07	9/26/2007	Cs-137	3.40E-04	2.40E-04	4.60E-04
AP	NBF	L13142-07	9/26/2007	Fe-59	3.80E-03	2.80E-03	9.30E-03
AP	NBF	L13142-07	9/26/2007	I-131	-4.90E-02	6.30E-02	2.70E-01
AP	NBF	L13142-07	9/26/2007	K-40	6.00E-03	5.40E-03	1.90E-02
AP	NBF	L13142-07	9/26/2007	La-140	-1.00E-02	1.00E-02	7.60E-02
AP	NBF	L13142-07	9/26/2007	Mn-54	2.10E-04	3.60E-04	1.50E-03
AP	NBF	L13142-07	9/26/2007	Nb-95	-1.40E-03	1.10E-03	6.90E-03
AP	NBF	L13142-07	9/26/2007	Ru-103	-3.70E-03	1.70E-03	8.50E-03
AP	NBF	L13142-07	9/26/2007	Ru-106	2.20E-03	5.50E-03	2.10E-02
AP	NBF	L13142-07	9/26/2007	Sb-124	0.00E+00	2.20E-03	1.20E-02
AP	NBF	L13142-07	9/26/2007	Sb-125	-3.60E-04	6.20E-04	3.30E-03
AP	NBF	L13142-07	9/26/2007	Se-75	1.05E-03	7.40E-04	2.50E-03
AP	NBF	L13142-07	9/26/2007	Zn-65	-6.00E-04	1.20E-03	6.00E-03
AP	NBF	L13142-07	9/26/2007	Zr-95	-5.00E-04	1.10E-03	5.80E-03
AP	SBN	L13142-08	9/26/2007	AcTh-228	7.00E-04	1.80E-03	7.20E-03
AP	SBN	L13142-08	9/26/2007	Ag-108m	2.20E-04	2.70E-04	1.00E-03
AP	SBN	L13142-08	9/26/2007	Ag-110m	0.00E+00	6.20E-04	2.90E-03
AP	SBN	L13142-08	9/26/2007	Ba-140	1.70E-02	1.20E-02	2.40E-02
AP	SBN	L13142-08	9/26/2007	Be-7	1.70E-01	2.50E-02	5.00E-02 *
AP	SBN	L13142-08	9/26/2007	Ce-141	-4.00E-04	2.20E-03	8.40E-03
AP	SBN	L13142-08	9/26/2007	Ce-144	-3.40E-03	2.20E-03	9.70E-03
AP	SBN	L13142-08	9/26/2007	Co-57	2.40E-04	2.90E-04	1.00E-03
AP	SBN	L13142-08	9/26/2007	Co-58	-1.21E-03	7.90E-04	4.30E-03
AP	SBN	L13142-08	9/26/2007	Co-60	2.70E-04	2.70E-04	7.20E-04
AP	SBN	L13142-08	9/26/2007	Cr-51	-9.00E-03	2.00E-02	8.10E-02
AP	SBN	L13142-08	9/26/2007	Cs-134	-4.70E-04	5.80E-04	2.70E-03
AP	SBN	L13142-08	9/26/2007	Cs-137	-2.20E-04	3.20E-04	1.70E-03

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	SBN	L13142-08	9/26/2007	Fe-59	1.20E-03	2.10E-03	9.10E-03
AP	SBN	L13142-08	9/26/2007	I-131	-6.30E-02	5.00E-02	2.40E-01
AP	SBN	L13142-08	9/26/2007	K-40	-6.60E-03	4.30E-03	2.70E-02
AP	SBN	L13142-08	9/26/2007	La-140	2.00E-02	1.40E-02	2.70E-02
AP	SBN	L13142-08	9/26/2007	Mn-54	-4.10E-04	6.50E-04	2.90E-03
AP	SBN	L13142-08	9/26/2007	Nb-95	2.10E-03	2.10E-03	7.50E-03
AP	SBN	L13142-08	9/26/2007	Ru-103	-9.00E-04	1.30E-03	6.00E-03
AP	SBN	L13142-08	9/26/2007	Ru-106	-4.20E-03	4.30E-03	2.10E-02
AP	SBN	L13142-08	9/26/2007	Sb-124	1.50E-03	3.50E-03	1.40E-02
AP	SBN	L13142-08	9/26/2007	Sb-125	-7.00E-04	1.00E-03	4.60E-03
AP	SBN	L13142-08	9/26/2007	Se-75	-1.70E-04	7.10E-04	2.90E-03
AP	SBN	L13142-08	9/26/2007	Zn-65	-2.20E-03	1.50E-03	7.70E-03
AP	SBN	L13142-08	9/26/2007	Zr-95	-5.00E-04	1.00E-03	5.70E-03
AP	DOW	L13142-09	9/26/2007	AcTh-228	0.00E+00	1.30E-03	6.30E-03
AP	DOW	L13142-09	9/26/2007	Ag-108m	1.10E-04	3.30E-04	1.30E-03
AP	DOW	L13142-09	9/26/2007	Ag-110m	9.40E-04	8.30E-04	2.90E-03
AP	DOW	L13142-09	9/26/2007	Ba-140	-8.70E-03	8.70E-03	6.40E-02
AP	DOW	L13142-09	9/26/2007	Be-7	1.63E-01	2.30E-02	3.80E-02 *
AP	DOW	L13142-09	9/26/2007	Ce-141	-5.50E-03	2.40E-03	1.10E-02
AP	DOW	L13142-09	9/26/2007	Ce-144	5.00E-04	2.60E-03	9.70E-03
AP	DOW	L13142-09	9/26/2007	Co-57	-1.80E-04	3.00E-04	1.20E-03
AP	DOW	L13142-09	9/26/2007	Co-58	1.53E-03	9.90E-04	3.10E-03
AP	DOW	L13142-09	9/26/2007	Co-60	5.30E-04	3.80E-04	7.20E-04
AP	DOW	L13142-09	9/26/2007	Cr-51	-5.00E-03	1.50E-02	6.60E-02
AP	DOW	L13142-09	9/26/2007	Cs-134	-8.00E-05	5.90E-04	2.50E-03
AP	DOW	L13142-09	9/26/2007	Cs-137	-2.50E-04	4.10E-04	2.00E-03
AP	DOW	L13142-09	9/26/2007	Fe-59	0.00E+00	2.50E-03	1.10E-02
AP	DOW	L13142-09	9/26/2007	I-131	-6.30E-02	6.70E-02	2.90E-01
AP	DOW	L13142-09	9/26/2007	K-40	-6.40E-03	5.60E-03	3.00E-02
AP	DOW	L13142-09	9/26/2007	La-140	-1.00E-02	1.00E-02	7.40E-02
AP	DOW	L13142-09	9/26/2007	Mn-54	6.20E-04	5.50E-04	1.90E-03
AP	DOW	L13142-09	9/26/2007	Nb-95	-2.60E-03	1.40E-03	8.20E-03
AP	DOW	L13142-09	9/26/2007	Ru-103	-9.20E-04	9.20E-04	4.90E-03
AP	DOW	L13142-09	9/26/2007	Ru-106	-4.30E-03	4.40E-03	2.10E-02
AP	DOW	L13142-09	9/26/2007	Sb-124	0.00E+00	3.10E-03	1.40E-02
AP	DOW	L13142-09	9/26/2007	Sb-125	7.00E-04	1.10E-03	4.20E-03
AP	DOW	L13142-09	9/26/2007	Se-75	3.40E-04	7.30E-04	2.70E-03
AP	DOW	L13142-09	9/26/2007	Zn-65	-1.09E-03	7.70E-04	5.10E-03
AP	DOW	L13142-09	9/26/2007	Zr-95	-2.00E-03	1.90E-03	9.10E-03
AP	COL	L13142-10	9/26/2007	AcTh-228	7.00E-04	2.10E-03	8.30E-03
AP	COL	L13142-10	9/26/2007	Ag-108m	-2.30E-04	3.20E-04	1.50E-03
AP	COL	L13142-10	9/26/2007	Ag-110m	-3.20E-04	7.10E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	COL	L13142-10	9/26/2007	Ba-140	0.00E+00	1.30E-02	6.50E-02
AP	COL	L13142-10	9/26/2007	Be-7	1.71E-01	2.40E-02	4.40E-02 *
AP	COL	L13142-10	9/26/2007	Ce-141	2.70E-03	2.60E-03	8.80E-03
AP	COL	L13142-10	9/26/2007	Ce-144	-2.00E-03	2.20E-03	9.30E-03
AP	COL	L13142-10	9/26/2007	Co-57	-3.60E-04	2.30E-04	1.10E-03
AP	COL	L13142-10	9/26/2007	Co-58	-9.20E-04	7.40E-04	4.10E-03
AP	COL	L13142-10	9/26/2007	Co-60	-3.40E-04	5.10E-04	2.70E-03
AP	COL	L13142-10	9/26/2007	Cr-51	0.00E+00	2.00E-02	7.90E-02
AP	COL	L13142-10	9/26/2007	Cs-134	-3.20E-04	4.80E-04	2.40E-03
AP	COL	L13142-10	9/26/2007	Cs-137	-1.10E-04	5.30E-04	2.30E-03
AP	COL	L13142-10	9/26/2007	Fe-59	1.30E-03	2.20E-03	9.30E-03
AP	COL	L13142-10	9/26/2007	I-131	-1.60E-02	5.80E-02	2.40E-01
AP	COL	L13142-10	9/26/2007	K-40	-6.80E-03	4.40E-03	2.70E-02
AP	COL	L13142-10	9/26/2007	La-140	0.00E+00	1.40E-02	7.50E-02
AP	COL	L13142-10	9/26/2007	Mn-54	-4.20E-04	6.70E-04	3.00E-03
AP	COL	L13142-10	9/26/2007	Nb-95	6.00E-04	1.40E-03	5.90E-03
AP	COL	L13142-10	9/26/2007	Ru-103	-5.00E-04	1.00E-03	5.00E-03
AP	COL	L13142-10	9/26/2007	Ru-106	-4.90E-03	5.70E-03	2.50E-02
AP	COL	L13142-10	9/26/2007	Sb-124	0.00E+00	3.90E-03	1.70E-02
AP	COL	L13142-10	9/26/2007	Sb-125	0.00E+00	8.80E-04	3.90E-03
AP	COL	L13142-10	9/26/2007	Se-75	3.50E-04	8.60E-04	3.20E-03
AP	COL	L13142-10	9/26/2007	Zn-65	6.00E-04	1.20E-03	5.20E-03
AP	COL	L13142-10	9/26/2007	Zr-95	-4.00E-04	1.40E-03	6.70E-03
AP	ONS-1	L13509-01	1/2/2008	AcTh-228	1.00E-04	1.60E-03	6.60E-03
AP	ONS-1	L13509-01	1/2/2008	Ag-108m	-9.00E-05	2.90E-04	1.20E-03
AP	ONS-1	L13509-01	1/2/2008	Ag-110m	1.00E-03	9.30E-04	3.30E-03
AP	ONS-1	L13509-01	1/2/2008	Ba-140	1.70E-02	1.20E-02	2.30E-02
AP	ONS-1	L13509-01	1/2/2008	Be-7	9.50E-02	1.60E-02	2.90E-02 *
AP	ONS-1	L13509-01	1/2/2008	Ce-141	-2.00E-04	2.00E-03	7.80E-03
AP	ONS-1	L13509-01	1/2/2008	Ce-144	1.20E-03	2.50E-03	8.80E-03
AP	ONS-1	L13509-01	1/2/2008	Co-57	2.00E-04	2.10E-04	7.40E-04
AP	ONS-1	L13509-01	1/2/2008	Co-58	-2.20E-04	4.70E-04	2.60E-03
AP	ONS-1	L13509-01	1/2/2008	Co-60	-3.00E-05	3.10E-04	1.60E-03
AP	ONS-1	L13509-01	1/2/2008	Cr-51	1.20E-02	1.50E-02	5.40E-02
AP	ONS-1	L13509-01	1/2/2008	Cs-134	-8.00E-05	4.10E-04	1.80E-03
AP	ONS-1	L13509-01	1/2/2008	Cs-137	1.10E-04	2.40E-04	1.00E-03
AP	ONS-1	L13509-01	1/2/2008	Fe-59	-2.10E-03	2.10E-03	1.10E-02
AP	ONS-1	L13509-01	1/2/2008	I-131	-3.40E-02	4.80E-02	2.20E-01
AP	ONS-1	L13509-01	1/2/2008	K-40	7.00E-04	3.60E-03	1.70E-02
AP	ONS-1	L13509-01	1/2/2008	La-140	2.00E-02	1.40E-02	2.70E-02
AP	ONS-1	L13509-01	1/2/2008	Mn-54	0.00E+00	2.30E-04	1.20E-03
AP	ONS-1	L13509-01	1/2/2008	Nb-95	-9.00E-04	1.40E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-1	L13509-01	1/2/2008	Ru-103	-4.00E-04	8.80E-04	4.30E-03
AP	ONS-1	L13509-01	1/2/2008	Ru-106	-4.60E-03	3.20E-03	1.70E-02
AP	ONS-1	L13509-01	1/2/2008	Sb-124	0.00E+00	2.60E-03	1.20E-02
AP	ONS-1	L13509-01	1/2/2008	Sb-125	-1.40E-03	1.10E-03	4.80E-03
AP	ONS-1	L13509-01	1/2/2008	Se-75	1.40E-04	6.70E-04	2.50E-03
AP	ONS-1	L13509-01	1/2/2008	Zn-65	-8.70E-04	8.70E-04	4.70E-03
AP	ONS-1	L13509-01	1/2/2008	Zr-95	2.30E-03	1.50E-03	4.70E-03
AP	ONS-2	L13509-02	1/2/2008	AcTh-228	2.00E-03	1.80E-03	6.40E-03
AP	ONS-2	L13509-02	1/2/2008	Ag-108m	0.00E+00	3.70E-04	1.70E-03
AP	ONS-2	L13509-02	1/2/2008	Ag-110m	-1.41E-03	9.90E-04	6.10E-03
AP	ONS-2	L13509-02	1/2/2008	Ba-140	2.40E-02	2.40E-02	6.40E-02
AP	ONS-2	L13509-02	1/2/2008	Be-7	1.07E-01	2.60E-02	5.00E-02 *
AP	ONS-2	L13509-02	1/2/2008	Ce-141	-9.00E-04	2.00E-03	8.80E-03
AP	ONS-2	L13509-02	1/2/2008	Ce-144	-1.00E-04	1.80E-03	7.90E-03
AP	ONS-2	L13509-02	1/2/2008	Co-57	1.40E-04	2.30E-04	9.00E-04
AP	ONS-2	L13509-02	1/2/2008	Co-58	1.40E-03	9.90E-04	1.90E-03
AP	ONS-2	L13509-02	1/2/2008	Co-60	5.50E-04	5.50E-04	1.50E-03
AP	ONS-2	L13509-02	1/2/2008	Cr-51	-1.00E-03	2.20E-02	9.50E-02
AP	ONS-2	L13509-02	1/2/2008	Cs-134	0.00E+00	0.00E+00	1.10E-03
AP	ONS-2	L13509-02	1/2/2008	Cs-137	-3.10E-04	5.30E-04	2.80E-03
AP	ONS-2	L13509-02	1/2/2008	Fe-59	-2.60E-03	2.60E-03	1.90E-02
AP	ONS-2	L13509-02	1/2/2008	I-131	-5.00E-02	3.50E-02	2.50E-01
AP	ONS-2	L13509-02	1/2/2008	K-40	2.40E-03	5.50E-03	2.80E-02
AP	ONS-2	L13509-02	1/2/2008	La-140	2.40E-02	2.40E-02	6.40E-02
AP	ONS-2	L13509-02	1/2/2008	Mn-54	-7.00E-05	6.10E-04	3.10E-03
AP	ONS-2	L13509-02	1/2/2008	Nb-95	0.00E+00	0.00E+00	3.70E-03
AP	ONS-2	L13509-02	1/2/2008	Ru-103	-8.00E-04	1.50E-03	7.80E-03
AP	ONS-2	L13509-02	1/2/2008	Ru-106	-2.90E-03	6.50E-03	3.10E-02
AP	ONS-2	L13509-02	1/2/2008	Sb-124	-3.40E-03	6.00E-03	3.20E-02
AP	ONS-2	L13509-02	1/2/2008	Sb-125	1.20E-03	1.20E-03	4.40E-03
AP	ONS-2	L13509-02	1/2/2008	Se-75	-1.80E-04	4.20E-04	2.30E-03
AP	ONS-2	L13509-02	1/2/2008	Zn-65	0.00E+00	1.60E-03	8.10E-03
AP	ONS-2	L13509-02	1/2/2008	Zr-95	-2.00E-04	2.00E-03	1.00E-02
AP	ONS-3	L13509-03	1/2/2008	AcTh-228	7.00E-04	1.30E-03	6.40E-03
AP	ONS-3	L13509-03	1/2/2008	Ag-108m	-1.90E-04	1.90E-04	1.40E-03
AP	ONS-3	L13509-03	1/2/2008	Ag-110m	-7.00E-04	7.00E-04	4.80E-03
AP	ONS-3	L13509-03	1/2/2008	Ba-140	2.40E-02	2.40E-02	6.40E-02
AP	ONS-3	L13509-03	1/2/2008	Be-7	9.60E-02	2.70E-02	6.50E-02 *
AP	ONS-3	L13509-03	1/2/2008	Ce-141	-5.00E-04	1.80E-03	7.80E-03
AP	ONS-3	L13509-03	1/2/2008	Ce-144	-2.00E-04	1.60E-03	7.30E-03
AP	ONS-3	L13509-03	1/2/2008	Co-57	-7.00E-05	2.60E-04	1.10E-03
AP	ONS-3	L13509-03	1/2/2008	Co-58	7.00E-04	7.00E-04	1.90E-03

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-3	L13509-03	1/2/2008	Co-60	-1.23E-03	8.70E-04	5.40E-03
AP	ONS-3	L13509-03	1/2/2008	Cr-51	-9.00E-03	2.10E-02	9.50E-02
AP	ONS-3	L13509-03	1/2/2008	Cs-134	-1.30E-04	8.60E-04	4.00E-03
AP	ONS-3	L13509-03	1/2/2008	Cs-137	6.10E-04	4.30E-04	8.30E-04
AP	ONS-3	L13509-03	1/2/2008	Fe-59	-2.60E-03	2.60E-03	1.90E-02
AP	ONS-3	L13509-03	1/2/2008	I-131	-4.50E-02	5.20E-02	2.90E-01
AP	ONS-3	L13509-03	1/2/2008	K-40	7.90E-03	7.70E-03	2.80E-02
AP	ONS-3	L13509-03	1/2/2008	La-140	2.40E-02	2.40E-02	6.40E-02
AP	ONS-3	L13509-03	1/2/2008	Mn-54	-4.60E-04	4.60E-04	3.10E-03
AP	ONS-3	L13509-03	1/2/2008	Nb-95	-1.60E-03	1.60E-03	1.10E-02
AP	ONS-3	L13509-03	1/2/2008	Ru-103	-8.00E-04	1.50E-03	7.80E-03
AP	ONS-3	L13509-03	1/2/2008	Ru-106	0.00E+00	0.00E+00	7.80E-03
AP	ONS-3	L13509-03	1/2/2008	Sb-124	0.00E+00	0.00E+00	9.30E-03
AP	ONS-3	L13509-03	1/2/2008	Sb-125	6.00E-04	6.00E-04	1.60E-03
AP	ONS-3	L13509-03	1/2/2008	Se-75	-5.50E-04	7.30E-04	3.50E-03
AP	ONS-3	L13509-03	1/2/2008	Zn-65	0.00E+00	0.00E+00	3.00E-03
AP	ONS-3	L13509-03	1/2/2008	Zr-95	1.30E-03	1.30E-03	3.40E-03
AP	ONS-4	L13509-04	1/2/2008	AcTh-228	-1.70E-03	1.10E-03	9.70E-03
AP	ONS-4	L13509-04	1/2/2008	Ag-108m	1.90E-04	1.90E-04	5.10E-04
AP	ONS-4	L13509-04	1/2/2008	Ag-110m	5.00E-04	1.10E-03	4.80E-03
AP	ONS-4	L13509-04	1/2/2008	Ba-140	0.00E+00	0.00E+00	6.40E-02
AP	ONS-4	L13509-04	1/2/2008	Be-7	1.57E-01	2.90E-02	3.90E-02 *
AP	ONS-4	L13509-04	1/2/2008	Ce-141	-4.00E-04	1.90E-03	8.30E-03
AP	ONS-4	L13509-04	1/2/2008	Ce-144	1.60E-03	1.60E-03	5.70E-03
AP	ONS-4	L13509-04	1/2/2008	Co-57	-1.50E-04	2.50E-04	1.10E-03
AP	ONS-4	L13509-04	1/2/2008	Co-58	-1.00E-04	1.10E-03	5.60E-03
AP	ONS-4	L13509-04	1/2/2008	Co-60	0.00E+00	0.00E+00	1.50E-03
AP	ONS-4	L13509-04	1/2/2008	Cr-51	-2.60E-02	1.70E-02	9.50E-02
AP	ONS-4	L13509-04	1/2/2008	Cs-134	-7.00E-05	6.10E-04	3.10E-03
AP	ONS-4	L13509-04	1/2/2008	Cs-137	6.10E-04	4.30E-04	8.30E-04
AP	ONS-4	L13509-04	1/2/2008	Fe-59	-2.60E-03	2.60E-03	1.90E-02
AP	ONS-4	L13509-04	1/2/2008	I-131	1.00E-02	5.50E-02	2.50E-01
AP	ONS-4	L13509-04	1/2/2008	K-40	2.40E-03	5.50E-03	2.80E-02
AP	ONS-4	L13509-04	1/2/2008	La-140	0.00E+00	0.00E+00	6.40E-02
AP	ONS-4	L13509-04	1/2/2008	Mn-54	3.90E-04	3.90E-04	1.10E-03
AP	ONS-4	L13509-04	1/2/2008	Nb-95	1.40E-03	1.40E-03	3.70E-03
AP	ONS-4	L13509-04	1/2/2008	Ru-103	1.70E-03	1.20E-03	2.30E-03
AP	ONS-4	L13509-04	1/2/2008	Ru-106	0.00E+00	4.10E-03	2.10E-02
AP	ONS-4	L13509-04	1/2/2008	Sb-124	0.00E+00	0.00E+00	9.30E-03
AP	ONS-4	L13509-04	1/2/2008	Sb-125	6.00E-04	1.00E-03	4.40E-03
AP	ONS-4	L13509-04	1/2/2008	Se-75	-3.70E-04	6.00E-04	3.00E-03
AP	ONS-4	L13509-04	1/2/2008	Zn-65	-2.20E-03	1.60E-03	1.00E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-4	L13509-04	1/2/2008	Zr-95	-3.00E-03	2.10E-03	1.30E-02
AP	ONS-5	L13509-05	1/2/2008	AcTh-228	7.00E-04	1.30E-03	6.40E-03
AP	ONS-5	L13509-05	1/2/2008	Ag-108m	0.00E+00	2.60E-04	1.40E-03
AP	ONS-5	L13509-05	1/2/2008	Ag-110m	0.00E+00	0.00E+00	1.60E-03
AP	ONS-5	L13509-05	1/2/2008	Ba-140	0.00E+00	0.00E+00	6.40E-02
AP	ONS-5	L13509-05	1/2/2008	Be-7	8.50E-02	2.60E-02	6.50E-02 *
AP	ONS-5	L13509-05	1/2/2008	Ce-141	7.00E-04	1.80E-03	7.20E-03
AP	ONS-5	L13509-05	1/2/2008	Ce-144	-2.40E-03	2.00E-03	9.50E-03
AP	ONS-5	L13509-05	1/2/2008	Co-57	-1.10E-04	1.80E-04	8.90E-04
AP	ONS-5	L13509-05	1/2/2008	Co-58	-2.40E-03	1.40E-03	8.20E-03
AP	ONS-5	L13509-05	1/2/2008	Co-60	-6.10E-04	6.10E-04	4.20E-03
AP	ONS-5	L13509-05	1/2/2008	Cr-51	3.00E-03	1.50E-02	6.80E-02
AP	ONS-5	L13509-05	1/2/2008	Cs-134	-4.60E-04	4.60E-04	3.10E-03
AP	ONS-5	L13509-05	1/2/2008	Cs-137	0.00E+00	0.00E+00	8.20E-04
AP	ONS-5	L13509-05	1/2/2008	Fe-59	0.00E+00	0.00E+00	7.00E-03
AP	ONS-5	L13509-05	1/2/2008	I-131	-4.50E-02	5.20E-02	2.90E-01
AP	ONS-5	L13509-05	1/2/2008	K-40	7.80E-03	7.70E-03	2.80E-02
AP	ONS-5	L13509-05	1/2/2008	La-140	0.00E+00	0.00E+00	6.40E-02
AP	ONS-5	L13509-05	1/2/2008	Mn-54	7.90E-04	5.60E-04	1.10E-03
AP	ONS-5	L13509-05	1/2/2008	Nb-95	0.00E+00	0.00E+00	3.70E-03
AP	ONS-5	L13509-05	1/2/2008	Ru-103	0.00E+00	1.70E-03	7.80E-03
AP	ONS-5	L13509-05	1/2/2008	Ru-106	5.80E-03	4.10E-03	7.80E-03
AP	ONS-5	L13509-05	1/2/2008	Sb-124	0.00E+00	0.00E+00	9.30E-03
AP	ONS-5	L13509-05	1/2/2008	Sb-125	1.19E-03	8.40E-04	1.60E-03
AP	ONS-5	L13509-05	1/2/2008	Se-75	1.40E-04	6.20E-04	2.70E-03
AP	ONS-5	L13509-05	1/2/2008	Zn-65	0.00E+00	0.00E+00	3.00E-03
AP	ONS-5	L13509-05	1/2/2008	Zr-95	2.50E-03	1.80E-03	3.40E-03
AP	ONS-6	L13509-06	1/2/2008	AcTh-228	1.00E-03	2.70E-03	1.20E-02
AP	ONS-6	L13509-06	1/2/2008	Ag-108m	1.80E-04	3.20E-04	1.40E-03
AP	ONS-6	L13509-06	1/2/2008	Ag-110m	-1.39E-03	9.80E-04	6.00E-03
AP	ONS-6	L13509-06	1/2/2008	Ba-140	0.00E+00	0.00E+00	6.40E-02
AP	ONS-6	L13509-06	1/2/2008	Be-7	1.26E-01	2.60E-02	3.90E-02 *
AP	ONS-6	L13509-06	1/2/2008	Ce-141	-4.00E-04	1.90E-03	8.20E-03
AP	ONS-6	L13509-06	1/2/2008	Ce-144	1.70E-03	1.80E-03	6.40E-03
AP	ONS-6	L13509-06	1/2/2008	Co-57	-4.00E-05	3.00E-04	1.20E-03
AP	ONS-6	L13509-06	1/2/2008	Co-58	-8.10E-04	8.10E-04	5.50E-03
AP	ONS-6	L13509-06	1/2/2008	Co-60	0.00E+00	0.00E+00	1.50E-03
AP	ONS-6	L13509-06	1/2/2008	Cr-51	-1.90E-02	1.60E-02	8.70E-02
AP	ONS-6	L13509-06	1/2/2008	Cs-134	-6.00E-05	6.00E-04	3.10E-03
AP	ONS-6	L13509-06	1/2/2008	Cs-137	-3.00E-04	3.00E-04	2.20E-03
AP	ONS-6	L13509-06	1/2/2008	Fe-59	-2.50E-03	2.50E-03	1.90E-02
AP	ONS-6	L13509-06	1/2/2008	I-131	6.90E-02	6.90E-02	2.50E-01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	ONS-6	L13509-06	1/2/2008	K-40	7.80E-03	7.60E-03	2.80E-02
AP	ONS-6	L13509-06	1/2/2008	La-140	0.00E+00	0.00E+00	6.40E-02
AP	ONS-6	L13509-06	1/2/2008	Mn-54	-4.50E-04	4.50E-04	3.10E-03
AP	ONS-6	L13509-06	1/2/2008	Nb-95	1.30E-03	1.30E-03	3.60E-03
AP	ONS-6	L13509-06	1/2/2008	Ru-103	8.00E-04	1.40E-03	6.10E-03
AP	ONS-6	L13509-06	1/2/2008	Ru-106	0.00E+00	0.00E+00	7.70E-03
AP	ONS-6	L13509-06	1/2/2008	Sb-124	0.00E+00	0.00E+00	9.20E-03
AP	ONS-6	L13509-06	1/2/2008	Sb-125	1.80E-03	1.30E-03	4.30E-03
AP	ONS-6	L13509-06	1/2/2008	Se-75	9.00E-05	5.00E-04	2.30E-03
AP	ONS-6	L13509-06	1/2/2008	Zn-65	0.00E+00	1.50E-03	8.00E-03
AP	ONS-6	L13509-06	1/2/2008	Zr-95	0.00E+00	0.00E+00	3.40E-03
AP	NBF	L13509-07	1/2/2008	AcTh-228	-1.60E-03	2.10E-03	1.20E-02
AP	NBF	L13509-07	1/2/2008	Ag-108m	-3.70E-04	2.60E-04	1.70E-03
AP	NBF	L13509-07	1/2/2008	Ag-110m	1.21E-03	8.50E-04	1.60E-03
AP	NBF	L13509-07	1/2/2008	Ba-140	-2.20E-02	2.20E-02	1.70E-01
AP	NBF	L13509-07	1/2/2008	Be-7	8.40E-02	2.00E-02	1.30E-02 *
AP	NBF	L13509-07	1/2/2008	Ce-141	-2.00E-03	2.20E-03	9.80E-03
AP	NBF	L13509-07	1/2/2008	Ce-144	4.00E-04	1.70E-03	7.30E-03
AP	NBF	L13509-07	1/2/2008	Co-57	-1.20E-04	1.50E-04	8.10E-04
AP	NBF	L13509-07	1/2/2008	Co-58	-1.00E-04	1.10E-03	5.60E-03
AP	NBF	L13509-07	1/2/2008	Co-60	4.80E-04	9.90E-04	4.30E-03
AP	NBF	L13509-07	1/2/2008	Cr-51	3.50E-02	2.20E-02	6.90E-02
AP	NBF	L13509-07	1/2/2008	Cs-134	-9.20E-04	6.50E-04	4.00E-03
AP	NBF	L13509-07	1/2/2008	Cs-137	0.00E+00	6.10E-04	2.80E-03
AP	NBF	L13509-07	1/2/2008	Fe-59	2.60E-03	2.60E-03	7.00E-03
AP	NBF	L13509-07	1/2/2008	I-131	-2.00E-02	4.70E-02	2.60E-01
AP	NBF	L13509-07	1/2/2008	K-40	-3.70E-03	8.20E-03	4.60E-02
AP	NBF	L13509-07	1/2/2008	La-140	-2.20E-02	2.20E-02	1.70E-01
AP	NBF	L13509-07	1/2/2008	Mn-54	0.00E+00	0.00E+00	1.10E-03
AP	NBF	L13509-07	1/2/2008	Nb-95	-4.80E-03	2.80E-03	1.60E-02
AP	NBF	L13509-07	1/2/2008	Ru-103	0.00E+00	0.00E+00	2.30E-03
AP	NBF	L13509-07	1/2/2008	Ru-106	-2.90E-03	2.90E-03	2.10E-02
AP	NBF	L13509-07	1/2/2008	Sb-124	0.00E+00	0.00E+00	9.40E-03
AP	NBF	L13509-07	1/2/2008	Sb-125	0.00E+00	1.50E-03	6.40E-03
AP	NBF	L13509-07	1/2/2008	Se-75	-9.00E-05	6.60E-04	3.00E-03
AP	NBF	L13509-07	1/2/2008	Zn-65	2.20E-03	1.60E-03	3.00E-03
AP	NBF	L13509-07	1/2/2008	Zr-95	2.30E-03	2.70E-03	1.00E-02
AP	SBN	L13509-08	1/2/2008	AcTh-228	-5.87E-04	9.20E-05	3.30E-03
AP	SBN	L13509-08	1/2/2008	Ag-108m	8.00E-05	2.30E-04	9.20E-04
AP	SBN	L13509-08	1/2/2008	Ag-110m	-8.00E-05	5.40E-04	2.50E-03
AP	SBN	L13509-08	1/2/2008	Ba-140	-1.10E-02	1.10E-02	8.90E-02
AP	SBN	L13509-08	1/2/2008	Be-7	1.19E-01	1.70E-02	2.30E-02 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	SBN	L13509-08	1/2/2008	Ce-141	-1.72E-03	8.90E-04	4.50E-03
AP	SBN	L13509-08	1/2/2008	Ce-144	0.00E+00	1.10E-03	4.50E-03
AP	SBN	L13509-08	1/2/2008	Co-57	-1.70E-04	1.30E-04	5.90E-04
AP	SBN	L13509-08	1/2/2008	Co-58	-1.00E-04	6.50E-04	3.00E-03
AP	SBN	L13509-08	1/2/2008	Co-60	4.50E-04	3.20E-04	6.00E-04
AP	SBN	L13509-08	1/2/2008	Cr-51	-7.00E-03	1.10E-02	5.00E-02
AP	SBN	L13509-08	1/2/2008	Cs-134	4.30E-04	4.50E-04	1.60E-03
AP	SBN	L13509-08	1/2/2008	Cs-137	-1.20E-04	2.20E-04	1.20E-03
AP	SBN	L13509-08	1/2/2008	Fe-59	0.00E+00	2.30E-03	1.10E-02
AP	SBN	L13509-08	1/2/2008	I-131	1.60E-02	5.50E-02	2.20E-01
AP	SBN	L13509-08	1/2/2008	K-40	-2.98E-03	3.60E-04	1.50E-02
AP	SBN	L13509-08	1/2/2008	La-140	-1.10E-02	1.10E-02	8.90E-02
AP	SBN	L13509-08	1/2/2008	Mn-54	-5.70E-04	3.30E-04	1.90E-03
AP	SBN	L13509-08	1/2/2008	Nb-95	2.50E-03	1.20E-03	1.70E-03
AP	SBN	L13509-08	1/2/2008	Ru-103	3.80E-04	8.40E-04	3.50E-03
AP	SBN	L13509-08	1/2/2008	Ru-106	2.40E-03	2.90E-03	1.10E-02
AP	SBN	L13509-08	1/2/2008	Sb-124	0.00E+00	0.00E+00	4.00E-03
AP	SBN	L13509-08	1/2/2008	Sb-125	-4.90E-04	6.00E-04	2.90E-03
AP	SBN	L13509-08	1/2/2008	Se-75	6.00E-05	4.30E-04	1.70E-03
AP	SBN	L13509-08	1/2/2008	Zn-65	4.60E-04	4.60E-04	1.20E-03
AP	SBN	L13509-08	1/2/2008	Zr-95	-8.00E-04	1.40E-03	6.40E-03
AP	DOW	L13509-09	1/2/2008	AcTh-228	3.20E-03	2.20E-03	6.30E-03
AP	DOW	L13509-09	1/2/2008	Ag-108m	0.00E+00	0.00E+00	5.00E-04
AP	DOW	L13509-09	1/2/2008	Ag-110m	-1.00E-04	9.10E-04	4.70E-03
AP	DOW	L13509-09	1/2/2008	Ba-140	2.40E-02	2.40E-02	6.40E-02
AP	DOW	L13509-09	1/2/2008	Be-7	7.80E-02	1.90E-02	1.30E-02 *
AP	DOW	L13509-09	1/2/2008	Ce-141	-1.00E-04	1.40E-03	6.40E-03
AP	DOW	L13509-09	1/2/2008	Ce-144	-1.40E-03	1.50E-03	7.80E-03
AP	DOW	L13509-09	1/2/2008	Co-57	1.20E-04	2.00E-04	7.90E-04
AP	DOW	L13509-09	1/2/2008	Co-58	-9.00E-04	1.30E-03	7.00E-03
AP	DOW	L13509-09	1/2/2008	Co-60	0.00E+00	0.00E+00	1.50E-03
AP	DOW	L13509-09	1/2/2008	Cr-51	-2.00E-02	1.20E-02	7.80E-02
AP	DOW	L13509-09	1/2/2008	Cs-134	7.80E-04	5.50E-04	1.10E-03
AP	DOW	L13509-09	1/2/2008	Cs-137	0.00E+00	0.00E+00	8.10E-04
AP	DOW	L13509-09	1/2/2008	Fe-59	0.00E+00	0.00E+00	6.90E-03
AP	DOW	L13509-09	1/2/2008	I-131	1.00E-02	5.50E-02	2.50E-01
AP	DOW	L13509-09	1/2/2008	K-40	-9.00E-03	6.00E-03	4.50E-02
AP	DOW	L13509-09	1/2/2008	La-140	2.40E-02	2.40E-02	6.40E-02
AP	DOW	L13509-09	1/2/2008	Mn-54	0.00E+00	0.00E+00	1.10E-03
AP	DOW	L13509-09	1/2/2008	Nb-95	-3.10E-03	2.20E-03	1.40E-02
AP	DOW	L13509-09	1/2/2008	Ru-103	-1.70E-03	1.20E-03	7.70E-03
AP	DOW	L13509-09	1/2/2008	Ru-106	0.00E+00	5.70E-03	2.60E-02

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

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
AP	DOW	L13509-09	1/2/2008	Sb-124	3.40E-03	3.40E-03	9.20E-03
AP	DOW	L13509-09	1/2/2008	Sb-125	-6.00E-04	1.30E-03	6.30E-03
AP	DOW	L13509-09	1/2/2008	Se-75	1.30E-04	6.10E-04	2.60E-03
AP	DOW	L13509-09	1/2/2008	Zn-65	0.00E+00	1.50E-03	8.00E-03
AP	DOW	L13509-09	1/2/2008	Zr-95	-2.00E-04	1.90E-03	9.90E-03
AP	COL	L13509-10	1/2/2008	AcTh-228	-1.70E-03	1.10E-03	9.50E-03
AP	COL	L13509-10	1/2/2008	Ag-108m	0.00E+00	0.00E+00	5.00E-04
AP	COL	L13509-10	1/2/2008	Ag-110m	-6.90E-04	6.90E-04	4.70E-03
AP	COL	L13509-10	1/2/2008	Ba-140	2.00E-03	3.20E-02	1.70E-01
AP	COL	L13509-10	1/2/2008	Be-7	8.80E-02	2.30E-02	4.50E-02 *
AP	COL	L13509-10	1/2/2008	Ce-141	7.00E-04	1.80E-03	7.10E-03
AP	COL	L13509-10	1/2/2008	Ce-144	-2.50E-03	1.70E-03	8.90E-03
AP	COL	L13509-10	1/2/2008	Co-57	5.00E-05	2.10E-04	8.80E-04
AP	COL	L13509-10	1/2/2008	Co-58	-2.00E-04	1.50E-03	7.00E-03
AP	COL	L13509-10	1/2/2008	Co-60	0.00E+00	0.00E+00	1.50E-03
AP	COL	L13509-10	1/2/2008	Cr-51	1.20E-02	2.00E-02	7.80E-02
AP	COL	L13509-10	1/2/2008	Cs-134	0.00E+00	0.00E+00	1.10E-03
AP	COL	L13509-10	1/2/2008	Cs-137	-9.00E-04	6.70E-04	3.60E-03
AP	COL	L13509-10	1/2/2008	Fe-59	2.50E-03	2.50E-03	6.90E-03
AP	COL	L13509-10	1/2/2008	I-131	-4.50E-02	5.20E-02	2.90E-01
AP	COL	L13509-10	1/2/2008	K-40	-3.70E-03	8.10E-03	4.50E-02
AP	COL	L13509-10	1/2/2008	La-140	2.00E-03	3.20E-02	1.70E-01
AP	COL	L13509-10	1/2/2008	Mn-54	7.80E-04	5.50E-04	1.00E-03
AP	COL	L13509-10	1/2/2008	Nb-95	-1.60E-03	1.60E-03	1.10E-02
AP	COL	L13509-10	1/2/2008	Ru-103	8.00E-04	1.40E-03	6.10E-03
AP	COL	L13509-10	1/2/2008	Ru-106	0.00E+00	0.00E+00	7.70E-03
AP	COL	L13509-10	1/2/2008	Sb-124	0.00E+00	0.00E+00	9.20E-03
AP	COL	L13509-10	1/2/2008	Sb-125	6.00E-04	1.00E-03	4.30E-03
AP	COL	L13509-10	1/2/2008	Se-75	3.10E-04	4.40E-04	1.80E-03
AP	COL	L13509-10	1/2/2008	Zn-65	-1.10E-03	1.10E-03	8.00E-03
AP	COL	L13509-10	1/2/2008	Zr-95	-1.70E-03	2.40E-03	1.30E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-1	L11893-01	1/3/2007	I-131	1.80E-02	7.50E-03	2.20E-02
CF	ONS-2	L11893-02	1/3/2007	I-131	-2.70E-03	7.20E-03	2.80E-02
CF	ONS-3	L11893-03	1/3/2007	I-131	8.00E-03	5.70E-03	1.90E-02
CF	ONS-4	L11893-04	1/3/2007	I-131	-1.08E-02	6.40E-03	2.80E-02
CF	ONS-5	L11893-05	1/3/2007	I-131	-4.00E-03	6.60E-03	2.70E-02
CF	ONS-6	L11893-06	1/3/2007	I-131	4.00E-03	4.90E-03	1.80E-02
CF	NBF	L11893-07	1/3/2007	I-131	-1.18E-02	8.10E-03	3.40E-02
CF	SBN	L11893-08	1/3/2007	I-131	0.00E+00	7.70E-03	2.90E-02
CF	DOW	L11893-09	1/3/2007	I-131	-1.16E-02	7.60E-03	3.20E-02
CF	COL	L11893-10	1/3/2007	I-131	-8.90E-03	6.30E-03	2.80E-02
CF	ONS-1	L11910-01	1/10/2007	I-131	9.10E-03	6.50E-03	2.20E-02
CF	ONS-2	L11910-02	1/10/2007	I-131	-3.80E-03	7.00E-03	2.80E-02
CF	ONS-3	L11910-03	1/10/2007	I-131	-2.60E-03	4.80E-03	2.00E-02
CF	ONS-4	L11910-04	1/10/2007	I-131	-3.90E-03	7.30E-03	2.90E-02
CF	ONS-5	L11910-05	1/10/2007	I-131	-6.20E-03	6.40E-03	2.60E-02
CF	ONS-6	L11910-06	1/10/2007	I-131	8.60E-03	6.20E-03	2.10E-02
CF	NBF	L11910-07	1/10/2007	I-131	8.10E-03	6.90E-03	2.30E-02
CF	SBN	L11910-08	1/10/2007	I-131	0.00E+00	7.00E-03	2.70E-02
CF	DOW	L11910-09	1/10/2007	I-131	-9.00E-03	5.60E-03	2.50E-02
CF	COL	L11910-10	1/10/2007	I-131	-5.30E-03	6.70E-03	2.70E-02
CF	ONS-1	L11935-01	1/17/2007	I-131	-4.90E-03	6.70E-03	2.70E-02
CF	ONS-2	L11935-02	1/17/2007	I-131	-4.90E-03	6.30E-03	2.50E-02
CF	ONS-3	L11935-03	1/17/2007	I-131	-1.20E-03	6.70E-03	2.60E-02
CF	ONS-4	L11935-04	1/17/2007	I-131	7.70E-03	6.30E-03	2.10E-02
CF	ONS-5	L11935-05	1/17/2007	I-131	0.00E+00	6.30E-03	2.40E-02
CF	ONS-6	L11935-06	1/17/2007	I-131	4.90E-03	5.70E-03	2.00E-02
CF	NBF	L11935-07	1/17/2007	I-131	7.70E-03	7.30E-03	2.50E-02
CF	SBN	L11935-08	1/17/2007	I-131	-1.30E-03	6.50E-03	2.50E-02
CF	DOW	L11935-09	1/17/2007	I-131	3.80E-03	7.00E-03	2.50E-02
CF	COL	L11935-10	1/17/2007	I-131	4.20E-03	6.60E-03	2.40E-02
CF	ONS-1	L11949-01	1/24/2007	I-131	3.50E-03	4.20E-03	1.50E-02
CF	ONS-2	L11949-02	1/24/2007	I-131	-3.60E-03	3.60E-03	1.60E-02
CF	ONS-3	L11949-03	1/24/2007	I-131	-4.70E-03	4.80E-03	2.00E-02
CF	ONS-4	L11949-04	1/24/2007	I-131	3.80E-03	4.60E-03	1.60E-02
CF	ONS-5	L11949-05	1/24/2007	I-131	4.80E-03	4.80E-03	1.70E-02
CF	ONS-6	L11949-06	1/24/2007	I-131	-2.70E-03	4.80E-03	1.90E-02
CF	NBF	L11949-07	1/24/2007	I-131	1.90E-03	4.00E-03	1.50E-02
CF	SBN	L11949-08	1/24/2007	I-131	8.40E-03	4.50E-03	1.40E-02
CF	DOW	L11949-09	1/24/2007	I-131	-1.00E-02	4.20E-03	1.90E-02
CF	COL	L11949-10	1/24/2007	I-131	-5.00E-03	5.10E-03	2.10E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-1	L11983-01	1/31/2007	I-131	1.30E-03	7.00E-03	2.60E-02
CF	ONS-2	L11983-02	1/31/2007	I-131	1.30E-03	5.80E-03	2.20E-02
CF	ONS-3	L11983-03	1/31/2007	I-131	3.60E-03	7.10E-03	2.60E-02
CF	ONS-4	L11983-04	1/31/2007	I-131	-1.20E-03	5.80E-03	2.30E-02
CF	ONS-5	L11983-05	1/31/2007	I-131	-7.80E-03	7.40E-03	3.00E-02
CF	ONS-6	L11983-06	1/31/2007	I-131	-5.70E-03	5.50E-03	2.30E-02
CF	NBF	L11983-07	1/31/2007	I-131	1.30E-03	6.70E-03	2.50E-02
CF	SBN	L11983-08	1/31/2007	I-131	1.30E-03	5.80E-03	2.20E-02
CF	DOW	L11983-09	1/31/2007	I-131	9.10E-03	6.00E-03	2.00E-02
CF	COL	L11983-10	1/31/2007	I-131	0.00E+00	6.40E-03	2.50E-02
CF	ONS-1	L12006-01	2/7/2007	I-131	-7.00E-03	5.00E-03	2.10E-02
CF	ONS-2	L12006-02	2/7/2007	I-131	3.00E-03	4.50E-03	1.70E-02
CF	ONS-3	L12006-03	2/7/2007	I-131	7.00E-03	5.00E-03	1.70E-02
CF	ONS-4	L12006-04	2/7/2007	I-131	1.90E-03	5.00E-03	1.80E-02
CF	ONS-5	L12006-05	2/7/2007	I-131	0.00E+00	4.20E-03	1.70E-02
CF	ONS-6	L12006-06	2/7/2007	I-131	9.00E-03	5.00E-03	1.60E-02
CF	NBF	L12006-07	2/7/2007	I-131	-7.30E-03	4.50E-03	2.00E-02
CF	SBN	L12006-08	2/7/2007	I-131	8.20E-03	5.60E-03	1.90E-02
CF	DOW	L12006-09	2/7/2007	I-131	-4.00E-03	4.50E-03	1.90E-02
CF	COL	L12006-10	2/7/2007	I-131	1.00E-03	5.30E-03	2.00E-02
CF	ONS-1	L12029-01	2/14/2007	I-131	-4.10E-03	6.90E-03	2.80E-02
CF	ONS-2	L12029-02	2/14/2007	I-131	-8.20E-03	6.70E-03	2.80E-02
CF	ONS-3	L12029-03	2/14/2007	I-131	1.09E-02	6.70E-03	2.20E-02
CF	ONS-4	L12029-04	2/14/2007	I-131	1.22E-02	6.80E-03	2.20E-02
CF	ONS-5	L12029-05	2/14/2007	I-131	1.09E-02	7.50E-03	2.50E-02
CF	ONS-6	L12029-06	2/14/2007	I-131	-1.23E-02	6.20E-03	2.80E-02
CF	NBF	L12029-07	2/14/2007	I-131	2.80E-03	6.60E-03	2.50E-02
CF	SBN	L12029-08	2/14/2007	I-131	1.00E-02	7.90E-03	2.70E-02
CF	DOW	L12029-09	2/14/2007	I-131	-2.80E-03	6.90E-03	2.70E-02
CF	COL	L12029-10	2/14/2007	I-131	-4.20E-03	6.80E-03	2.70E-02
CF	ONS-1	L12063-01	2/21/2007	I-131	2.80E-03	6.60E-03	2.40E-02
CF	ONS-2	L12063-02	2/21/2007	I-131	0.00E+00	7.30E-03	2.80E-02
CF	ONS-3	L12063-03	2/21/2007	I-131	0.00E+00	7.80E-03	3.00E-02
CF	ONS-4	L12063-04	2/21/2007	I-131	-1.40E-03	6.30E-03	2.50E-02
CF	ONS-5	L12063-05	2/21/2007	I-131	2.28E-02	8.80E-03	2.60E-02
CF	ONS-6	L12063-06	2/21/2007	I-131	-7.20E-03	6.30E-03	2.70E-02
CF	NBF	L12063-07	2/21/2007	I-131	-9.10E-03	7.10E-03	3.00E-02
CF	SBN	L12063-08	2/21/2007	I-131	2.90E-03	6.60E-03	2.40E-02
CF	DOW	L12063-09	2/21/2007	I-131	7.20E-03	7.50E-03	2.60E-02
CF	COL	L12063-10	2/21/2007	I-131	-4.10E-03	6.30E-03	2.60E-02
CF	ONS-1	L12081-01	2/28/2007	I-131	3.90E-03	6.30E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-2	L12081-02	2/28/2007	I-131	-3.90E-03	7.80E-03	3.00E-02
CF	ONS-3	L12081-03	2/28/2007	I-131	3.90E-03	6.80E-03	2.50E-02
CF	ONS-4	L12081-04	2/28/2007	I-131	-5.00E-03	6.40E-03	2.60E-02
CF	ONS-5	L12081-05	2/28/2007	I-131	7.90E-03	7.50E-03	2.60E-02
CF	ONS-6	L12081-06	2/28/2007	I-131	1.30E-03	7.60E-03	2.80E-02
CF	NBF	L12081-07	2/28/2007	I-131	-4.30E-03	7.70E-03	3.00E-02
CF	SBN	L12081-08	2/28/2007	I-131	4.00E-03	8.40E-03	3.00E-02
CF	DOW	L12081-09	2/28/2007	I-131	2.70E-03	5.00E-03	1.90E-02
CF	COL	L12081-10	2/28/2007	I-131	3.80E-03	8.00E-03	2.90E-02
CF	ONS-1	L12120-01	3/7/2007	I-131	3.80E-03	6.50E-03	2.40E-02
CF	ONS-2	L12120-02	3/7/2007	I-131	-7.60E-03	5.40E-03	2.40E-02
CF	ONS-3	L12120-03	3/7/2007	I-131	-6.40E-03	6.70E-03	2.70E-02
CF	ONS-4	L12120-04	3/7/2007	I-131	5.00E-03	6.10E-03	2.20E-02
CF	ONS-5	L12120-05	3/7/2007	I-131	0.00E+00	6.10E-03	2.30E-02
CF	ONS-6	L12120-06	3/7/2007	I-131	-7.60E-03	5.40E-03	2.40E-02
CF	NBF	L12120-07	3/7/2007	I-131	-1.40E-03	6.60E-03	2.60E-02
CF	SBN	L12120-08	3/7/2007	I-131	-6.50E-03	6.00E-03	2.50E-02
CF	DOW	L12120-09	3/7/2007	I-131	-1.30E-03	6.10E-03	2.40E-02
CF	COL	L12120-10	3/7/2007	I-131	5.20E-03	6.10E-03	2.20E-02
CF	ONS-1	L12138-01	3/14/2007	I-131	-1.30E-03	5.90E-03	2.30E-02
CF	ONS-2	L12138-02	3/14/2007	I-131	5.20E-03	6.30E-03	2.30E-02
CF	ONS-3	L12138-03	3/14/2007	I-131	1.03E-02	6.30E-03	2.00E-02
CF	ONS-4	L12138-04	3/14/2007	I-131	-1.14E-02	6.80E-03	2.90E-02
CF	ONS-5	L12138-05	3/14/2007	I-131	9.00E-03	6.50E-03	2.20E-02
CF	ONS-6	L12138-06	3/14/2007	I-131	1.30E-03	5.90E-03	2.30E-02
CF	NBF	L12138-07	3/14/2007	I-131	4.00E-03	6.10E-03	2.20E-02
CF	SBN	L12138-08	3/14/2007	I-131	1.30E-03	6.30E-03	2.40E-02
CF	DOW	L12138-09	3/14/2007	I-131	2.60E-03	5.90E-03	2.20E-02
CF	COL	L12138-10	3/14/2007	I-131	5.10E-03	6.70E-03	2.40E-02
CF	ONS-1	L12181-01	3/21/2007	I-131	-9.20E-03	3.90E-03	1.90E-02
CF	ONS-2	L12181-02	3/21/2007	I-131	-1.00E-03	4.60E-03	1.80E-02
CF	ONS-3	L12181-03	3/21/2007	I-131	3.00E-03	3.80E-03	1.40E-02
CF	ONS-4	L12181-04	3/21/2007	I-131	6.70E-03	4.80E-03	1.60E-02
CF	ONS-5	L12181-05	3/21/2007	I-131	2.00E-03	4.40E-03	1.70E-02
CF	ONS-6	L12181-06	3/21/2007	I-131	7.00E-03	4.10E-03	1.30E-02
CF	NBF	L12181-07	3/21/2007	I-131	-4.00E-03	4.70E-03	2.00E-02
CF	SBN	L12181-08	3/21/2007	I-131	5.10E-03	4.90E-03	1.70E-02
CF	DOW	L12181-09	3/21/2007	I-131	-3.10E-03	5.50E-03	2.20E-02
CF	COL	L12181-10	3/21/2007	I-131	-3.90E-03	4.60E-03	1.90E-02
CF	ONS-1	L12204-01	3/28/2007	I-131	-5.70E-03	4.70E-03	2.00E-02
CF	ONS-2	L12204-02	3/28/2007	I-131	3.00E-03	4.60E-03	1.70E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-3	L12204-03	3/28/2007	I-131	-5.90E-03	5.40E-03	2.20E-02
CF	ONS-4	L12204-04	3/28/2007	I-131	4.80E-03	4.60E-03	1.60E-02
CF	ONS-5	L12204-05	3/28/2007	I-131	-5.90E-03	5.00E-03	2.10E-02
CF	ONS-6	L12204-06	3/28/2007	I-131	-2.00E-03	4.50E-03	1.80E-02
CF	NBF	L12204-07	3/28/2007	I-131	-2.00E-03	4.00E-03	1.60E-02
CF	SBN	L12204-08	3/28/2007	I-131	1.00E-03	5.00E-03	1.90E-02
CF	DOW	L12204-09	3/28/2007	I-131	-2.00E-03	5.30E-03	2.10E-02
CF	COL	L12204-10	3/28/2007	I-131	-3.90E-03	5.20E-03	2.10E-02
CF	ONS-1	L12238-01	4/4/2007	I-131	-3.10E-03	5.90E-03	2.30E-02
CF	ONS-2	L12238-02	4/4/2007	I-131	-1.28E-02	6.00E-03	2.60E-02
CF	ONS-3	L12238-03	4/4/2007	I-131	-1.10E-03	5.30E-03	2.10E-02
CF	ONS-4	L12238-04	4/4/2007	I-131	-1.10E-03	5.10E-03	2.00E-02
CF	ONS-5	L12238-05	4/4/2007	I-131	4.30E-03	5.00E-03	1.80E-02
CF	ONS-6	L12238-06	4/4/2007	I-131	6.50E-03	4.80E-03	1.60E-02
CF	NBF	L12238-07	4/4/2007	I-131	0.00E+00	6.00E-03	2.30E-02
CF	SBN	L12238-08	4/4/2007	I-131	4.30E-03	5.30E-03	1.90E-02
CF	DOW	L12238-09	4/4/2007	I-131	3.30E-03	6.00E-03	2.20E-02
CF	COL	L12238-10	4/4/2007	I-131	7.40E-03	5.50E-03	1.80E-02
CF	ONS-1	L12265-01	4/11/2007	I-131	-1.40E-03	6.20E-03	2.50E-02
CF	ONS-2	L12265-02	4/11/2007	I-131	-2.60E-03	6.60E-03	2.60E-02
CF	ONS-3	L12265-03	4/11/2007	I-131	-8.40E-03	6.60E-03	2.80E-02
CF	ONS-4	L12265-04	4/11/2007	I-131	7.60E-03	5.50E-03	1.80E-02
CF	ONS-5	L12265-05	4/11/2007	I-131	1.40E-03	7.20E-03	2.70E-02
CF	ONS-6	L12265-06	4/11/2007	I-131	-4.60E-03	8.10E-03	3.20E-02
CF	NBF	L12265-07	4/11/2007	I-131	-9.20E-03	7.20E-03	3.10E-02
CF	SBN	L12265-08	4/11/2007	I-131	-2.80E-03	7.00E-03	2.80E-02
CF	DOW	L12265-09	4/11/2007	I-131	0.00E+00	6.30E-03	2.50E-02
CF	COL	L12265-10	4/11/2007	I-131	7.20E-03	6.60E-03	2.30E-02
CF	ONS-1	L12293-01	4/18/2007	I-131	-7.90E-03	5.20E-03	2.40E-02
CF	ONS-2	L12293-02	4/18/2007	I-131	6.60E-03	6.60E-03	2.30E-02
CF	ONS-3	L12293-03	4/18/2007	I-131	4.70E-03	5.00E-03	1.80E-02
CF	ONS-4	L12293-04	4/18/2007	I-131	-1.30E-03	5.20E-03	2.10E-02
CF	ONS-5	L12293-05	4/18/2007	I-131	-1.19E-02	5.40E-03	2.60E-02
CF	ONS-6	L12293-06	4/18/2007	I-131	1.27E-02	6.80E-03	2.10E-02
CF	NBF	L12293-07	4/18/2007	I-131	-1.40E-03	6.10E-03	2.50E-02
CF	SBN	L12293-08	4/18/2007	I-131	4.20E-03	6.70E-03	2.40E-02
CF	DOW	L12293-09	4/18/2007	I-131	1.30E-03	6.40E-03	2.40E-02
CF	COL	L12293-10	4/18/2007	I-131	4.00E-03	5.80E-03	2.10E-02
CF	ONS-1	L12341-01	4/25/2007	I-131	-4.20E-03	7.50E-03	3.00E-02
CF	ONS-2	L12341-02	4/25/2007	I-131	4.30E-03	6.90E-03	2.50E-02
CF	ONS-3	L12341-03	4/25/2007	I-131	-4.20E-03	7.80E-03	3.10E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-4	L12341-04	4/25/2007	I-131	1.40E-03	5.40E-03	2.10E-02
CF	ONS-5	L12341-05	4/25/2007	I-131	0.00E+00	6.30E-03	2.50E-02
CF	ONS-6	L12341-06	4/25/2007	I-131	1.01E-02	6.90E-03	2.30E-02
CF	NBF	L12341-07	4/25/2007	I-131	-1.05E-02	5.80E-03	2.70E-02
CF	SBN	L12341-08	4/25/2007	I-131	-1.50E-03	6.30E-03	2.50E-02
CF	DOW	L12341-09	4/25/2007	I-131	-4.30E-03	7.50E-03	3.00E-02
CF	COL	L12341-10	4/25/2007	I-131	-2.80E-03	6.70E-03	2.70E-02
CF	ONS-1	L12364-01	5/2/2007	I-131	4.40E-03	7.30E-03	2.60E-02
CF	ONS-2	L12364-02	5/2/2007	I-131	-1.50E-03	7.80E-03	3.00E-02
CF	ONS-3	L12364-03	5/2/2007	I-131	-4.30E-03	6.30E-03	2.60E-02
CF	ONS-4	L12364-04	5/2/2007	I-131	-1.40E-03	6.50E-03	2.60E-02
CF	ONS-5	L12364-05	5/2/2007	I-131	1.32E-02	6.10E-03	1.80E-02
CF	ONS-6	L12364-06	5/2/2007	I-131	0.00E+00	8.50E-03	3.40E-02
CF	NBF	L12364-07	5/2/2007	I-131	0.00E+00	8.00E-03	3.20E-02
CF	SBN	L12364-08	5/2/2007	I-131	1.07E-02	9.80E-03	3.40E-02
CF	DOW	L12364-09	5/2/2007	I-131	4.10E-03	7.10E-03	2.70E-02
CF	COL	L12364-10	5/2/2007	I-131	-6.10E-03	6.80E-03	3.10E-02
CF	ONS-1	L12399-01	5/9/2007	I-131	0.00E+00	5.60E-03	2.20E-02
CF	ONS-2	L12399-02	5/9/2007	I-131	0.00E+00	6.20E-03	2.40E-02
CF	ONS-3	L12399-03	5/9/2007	I-131	1.30E-03	6.50E-03	2.40E-02
CF	ONS-4	L12399-04	5/9/2007	I-131	-1.03E-02	5.40E-03	2.50E-02
CF	ONS-5	L12399-05	5/9/2007	I-131	-2.60E-03	5.60E-03	2.30E-02
CF	ONS-6	L12399-06	5/9/2007	I-131	-1.07E-02	6.80E-03	2.90E-02
CF	NBF	L12399-07	5/9/2007	I-131	1.30E-02	6.30E-03	1.90E-02
CF	SBN	L12399-08	5/9/2007	I-131	-9.60E-03	6.00E-03	2.70E-02
CF	DOW	L12399-09	5/9/2007	I-131	-5.30E-03	6.50E-03	2.70E-02
CF	COL	L12399-10	5/9/2007	I-131	9.20E-03	5.70E-03	1.90E-02
CF	ONS-1	L12426-01	5/16/2007	I-131	-7.80E-03	6.40E-03	2.80E-02
CF	ONS-2	L12426-02	5/16/2007	I-131	1.50E-03	6.40E-03	2.50E-02
CF	ONS-3	L12426-03	5/16/2007	I-131	-4.30E-03	7.20E-03	2.90E-02
CF	ONS-4	L12426-04	5/16/2007	I-131	1.00E-02	6.20E-03	2.00E-02
CF	ONS-5	L12426-05	5/16/2007	I-131	1.50E-03	7.30E-03	2.70E-02
CF	ONS-6	L12426-06	5/16/2007	I-131	-1.50E-03	6.30E-03	2.50E-02
CF	NBF	L12426-07	5/16/2007	I-131	-9.40E-03	7.40E-03	3.20E-02
CF	SBN	L12426-08	5/16/2007	I-131	3.10E-03	6.60E-03	2.50E-02
CF	DOW	L12426-09	5/16/2007	I-131	2.90E-03	6.80E-03	2.50E-02
CF	COL	L12426-10	5/16/2007	I-131	1.50E-03	6.70E-03	2.60E-02
CF	ONS-1	L12463-01	5/23/2007	I-131	1.30E-03	6.50E-03	2.40E-02
CF	ONS-2	L12463-02	5/23/2007	I-131	-5.30E-03	5.60E-03	2.40E-02
CF	ONS-3	L12463-03	5/23/2007	I-131	9.80E-03	7.00E-03	2.30E-02
CF	ONS-4	L12463-04	5/23/2007	I-131	0.00E+00	6.90E-03	2.60E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-5	L12463-05	5/23/2007	I-131	0.00E+00	7.60E-03	2.90E-02
CF	ONS-6	L12463-06	5/23/2007	I-131	1.37E-02	5.80E-03	1.60E-02
CF	NBF	L12463-07	5/23/2007	I-131	-2.90E-03	7.10E-03	2.80E-02
CF	SBN	L12463-08	5/23/2007	I-131	1.40E-03	5.50E-03	2.10E-02
CF	DOW	L12463-09	5/23/2007	I-131	1.14E-02	7.20E-03	2.40E-02
CF	COL	L12463-10	5/23/2007	I-131	5.40E-03	6.00E-03	2.10E-02
CF	ONS-1	L12486-01	5/30/2007	I-131	-6.30E-03	8.10E-03	3.30E-02
CF	ONS-2	L12486-02	5/30/2007	I-131	2.90E+00	3.50E+00	1.30E+01 +
CF	ONS-3	L12486-03	5/30/2007	I-131	3.30E-03	7.10E-03	2.70E-02
CF	ONS-4	L12486-04	5/30/2007	I-131	1.00E-02	7.80E-03	2.60E-02
CF	ONS-5	L12486-05	5/30/2007	I-131	-4.90E-03	7.20E-03	3.00E-02
CF	ONS-6	L12486-06	5/30/2007	I-131	1.43E-02	6.20E-03	1.70E-02
CF	NBF	L12486-07	5/30/2007	I-131	-6.90E-03	9.10E-03	3.70E-02
CF	SBN	L12486-08	5/30/2007	I-131	1.60E-03	7.10E-03	2.70E-02
CF	DOW	L12486-09	5/30/2007	I-131	-6.70E-03	7.80E-03	3.20E-02
CF	COL	L12486-10	5/30/2007	I-131	-8.90E+00	5.20E+00	2.20E+01 +
CF	ONS-1	L12508-01	6/6/2007	I-131	-1.60E-03	6.10E-03	2.60E-02
CF	ONS-2	L12508-02	6/6/2007	I-131	-1.16E-02	6.30E-03	3.20E-02
CF	ONS-3	L12508-03	6/6/2007	I-131	-3.10E-03	7.90E-03	3.10E-02
CF	ONS-4	L12508-04	6/6/2007	I-131	-6.90E-03	8.00E-03	3.50E-02
CF	ONS-5	L12508-05	6/6/2007	I-131	7.90E-03	7.60E-03	2.60E-02
CF	ONS-6	L12508-06	6/6/2007	I-131	-6.20E-03	7.20E-03	3.10E-02
CF	NBF	L12508-07	6/6/2007	I-131	-3.90E-03	6.80E-03	3.00E-02
CF	SBN	L12508-08	6/6/2007	I-131	-1.60E-03	6.40E-03	2.60E-02
CF	DOW	L12508-09	6/6/2007	I-131	-7.80E-03	8.10E-03	3.60E-02
CF	COL	L12508-10	6/6/2007	I-131	3.70E-03	6.60E-03	2.40E-02
CF	ONS-1	L12543-01	6/13/2007	I-131	1.20E-03	3.90E-03	1.50E-02
CF	ONS-2	L12543-02	6/13/2007	I-131	-1.10E-03	4.60E-03	1.90E-02
CF	ONS-3	L12543-03	6/13/2007	I-131	5.00E-03	5.60E-03	1.90E-02
CF	ONS-4	L12543-04	6/13/2007	I-131	2.80E-03	4.70E-03	1.80E-02
CF	ONS-5	L12543-05	6/13/2007	I-131	4.20E-03	4.80E-03	1.70E-02
CF	ONS-6	L12543-06	6/13/2007	I-131	-6.00E-03	4.80E-03	2.20E-02
CF	NBF	L12543-07	6/13/2007	I-131	-6.50E-03	4.90E-03	2.30E-02
CF	SBN	L12543-08	6/13/2007	I-131	-1.00E-03	5.10E-03	2.00E-02
CF	DOW	L12543-09	6/13/2007	I-131	1.50E-03	4.70E-03	1.90E-02
CF	COL	L12543-10	6/13/2007	I-131	-4.00E-04	4.20E-03	1.60E-02
CF	ONS-1	L12571-01	6/20/2007	I-131	5.00E-03	4.50E-03	1.60E-02
CF	ONS-2	L12571-02	6/20/2007	I-131	2.00E-04	4.30E-03	1.80E-02
CF	ONS-3	L12571-03	6/20/2007	I-131	-2.00E-03	4.70E-03	1.90E-02
CF	ONS-4	L12571-04	6/20/2007	I-131	-2.80E-03	3.80E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-5	L12571-05	6/20/2007	I-131	-8.00E-04	4.80E-03	1.90E-02
CF	ONS-6	L12571-06	6/20/2007	I-131	-9.80E-03	4.30E-03	2.20E-02
CF	NBF	L12571-07	6/20/2007	I-131	3.00E-03	4.80E-03	1.80E-02
CF	SBN	L12571-08	6/20/2007	I-131	-5.00E-03	5.90E-03	2.30E-02
CF	DOW	L12571-09	6/20/2007	I-131	-2.00E-03	5.60E-03	2.30E-02
CF	COL	L12571-10	6/20/2007	I-131	3.50E-03	4.30E-03	1.50E-02
CF	ONS-1	L12627-01	6/27/2007	I-131	-1.00E-02	1.10E-02	4.40E-02
CF	ONS-2	L12627-02	6/27/2007	I-131	3.90E-03	9.50E-03	3.50E-02
CF	ONS-3	L12627-03	6/27/2007	I-131	8.00E-03	1.10E-02	4.00E-02
CF	ONS-4	L12627-04	6/27/2007	I-131	-2.00E-03	1.10E-02	4.10E-02
CF	ONS-5	L12627-05	6/27/2007	I-131	-6.00E-03	1.30E-02	4.90E-02
CF	ONS-6	L12627-06	6/27/2007	I-131	1.90E-03	7.00E-03	2.70E-02
CF	NBF	L12627-07	6/27/2007	I-131	1.00E-02	1.10E-02	3.70E-02
CF	SBN	L12627-08	6/27/2007	I-131	-6.00E-03	1.10E-02	4.30E-02
CF	DOW	L12627-09	6/27/2007	I-131	-4.00E-03	1.10E-02	4.40E-02
CF	COL	L12627-10	6/27/2007	I-131	2.00E-03	1.00E-02	3.80E-02
CF	ONS-1	L12647-01	7/5/2007	I-131	0.00E+00	7.80E-03	3.10E-02
CF	ONS-2	L12647-02	7/5/2007	I-131	-8.50E-03	9.00E-03	3.80E-02
CF	ONS-3	L12647-03	7/5/2007	I-131	-1.40E-02	1.10E-02	4.50E-02
CF	ONS-4	L12647-04	7/5/2007	I-131	-7.80E-03	7.30E-03	3.30E-02
CF	ONS-5	L12647-05	7/5/2007	I-131	-6.00E-03	1.10E-02	4.50E-02
CF	ONS-6	L12647-06	7/5/2007	I-131	-1.06E-02	9.70E-03	4.10E-02
CF	NBF	L12647-07	7/5/2007	I-131	2.40E-02	1.20E-02	3.80E-02
CF	SBN	L12647-08	7/5/2007	I-131	-4.20E-03	9.80E-03	3.90E-02
CF	DOW	L12647-09	7/5/2007	I-131	-4.00E-03	1.00E-02	4.10E-02
CF	COL	L12647-10	7/5/2007	I-131	-2.10E-03	9.40E-03	3.70E-02
CF	ONS-1	L12671-01	7/11/2007	I-131	0.00E+00	6.30E-03	2.40E-02
CF	ONS-2	L12671-02	7/11/2007	I-131	-1.24E-02	6.30E-03	2.70E-02
CF	ONS-3	L12671-03	7/11/2007	I-131	1.10E-03	7.20E-03	2.60E-02
CF	ONS-4	L12671-04	7/11/2007	I-131	-2.20E-03	6.50E-03	2.50E-02
CF	ONS-5	L12671-05	7/11/2007	I-131	8.60E-03	7.30E-03	2.50E-02
CF	ONS-6	L12671-06	7/11/2007	I-131	0.00E+00	6.40E-03	2.40E-02
CF	NBF	L12671-07	7/11/2007	I-131	-1.07E-02	7.60E-03	3.10E-02
CF	SBN	L12671-08	7/11/2007	I-131	1.20E-03	6.50E-03	2.40E-02
CF	DOW	L12671-09	7/11/2007	I-131	0.00E+00	7.20E-03	2.80E-02
CF	COL	L12671-10	7/11/2007	I-131	-1.28E-02	6.90E-03	2.90E-02
CF	ONS-1	L12705-01	7/18/2007	I-131	6.00E-03	1.00E-02	3.60E-02
CF	ONS-2	L12705-02	7/18/2007	I-131	6.70E-03	9.20E-03	3.30E-02
CF	ONS-3	L12705-03	7/18/2007	I-131	-8.40E-03	7.90E-03	3.50E-02
CF	ONS-4	L12705-04	7/18/2007	I-131	4.20E-03	5.90E-03	2.30E-02
CF	ONS-5	L12705-05	7/18/2007	I-131	3.90E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-6	L12705-06	7/18/2007	I-131	3.40E-03	7.50E-03	3.10E-02
CF	NBF	L12705-07	7/18/2007	I-131	1.40E-02	1.20E-02	4.20E-02
CF	SBN	L12705-08	7/18/2007	I-131	3.00E-03	1.00E-02	4.00E-02
CF	DOW	L12705-09	7/18/2007	I-131	-3.00E-03	1.10E-02	4.60E-02
CF	COL	L12705-10	7/18/2007	I-131	1.70E-02	1.10E-02	3.70E-02
CF	ONS-1	L12735-01	7/25/2007	I-131	3.70E-03	5.80E-03	2.20E-02
CF	ONS-2	L12735-02	7/25/2007	I-131	-1.19E-02	6.60E-03	3.10E-02
CF	ONS-3	L12735-03	7/25/2007	I-131	1.70E-03	7.60E-03	2.90E-02
CF	ONS-4	L12735-04	7/25/2007	I-131	1.70E-03	6.60E-03	2.60E-02
CF	ONS-5	L12735-05	7/25/2007	I-131	-1.80E-03	6.50E-03	2.70E-02
CF	ONS-6	L12735-06	7/25/2007	I-131	6.90E-03	6.00E-03	2.10E-02
CF	NBF	L12735-07	7/25/2007	I-131	7.10E-03	7.50E-03	2.70E-02
CF	SBN	L12735-08	7/25/2007	I-131	-1.21E-02	7.50E-03	3.40E-02
CF	DOW	L12735-09	7/25/2007	I-131	-1.80E-03	7.70E-03	3.10E-02
CF	COL	L12735-10	7/25/2007	I-131	-7.00E-03	7.80E-03	3.30E-02
CF	ONS-1	L12768-01	8/1/2007	I-131	4.80E-03	8.20E-03	3.10E-02
CF	ONS-2	L12768-02	8/1/2007	I-131	1.50E-02	1.10E-02	3.50E-02
CF	ONS-3	L12768-03	8/1/2007	I-131	4.80E-03	8.20E-03	3.10E-02
CF	ONS-4	L12768-04	8/1/2007	I-131	7.50E-03	8.30E-03	3.00E-02
CF	ONS-5	L12768-05	8/1/2007	I-131	-2.50E-03	9.70E-03	4.00E-02
CF	ONS-6	L12768-06	8/1/2007	I-131	4.90E-03	9.20E-03	3.50E-02
CF	NBF	L12768-07	8/1/2007	I-131	-7.00E-03	1.10E-02	4.50E-02
CF	SBN	L12768-08	8/1/2007	I-131	4.70E-03	5.70E-03	2.20E-02
CF	DOW	L12768-09	8/1/2007	I-131	2.40E-03	8.00E-03	3.20E-02
CF	COL	L12768-10	8/1/2007	I-131	0.00E+00	6.20E-03	2.70E-02
CF	ONS-1	L12809-01	8/8/2007	I-131	5.40E-03	6.50E-03	2.40E-02
CF	ONS-2	L12809-02	8/8/2007	I-131	-4.10E-03	7.50E-03	3.00E-02
CF	ONS-3	L12809-03	8/8/2007	I-131	-6.80E-03	8.30E-03	3.40E-02
CF	ONS-4	L12809-04	8/8/2007	I-131	1.80E-03	6.60E-03	2.60E-02
CF	ONS-5	L12809-05	8/8/2007	I-131	6.60E-03	9.10E-03	3.30E-02
CF	ONS-6	L12809-06	8/8/2007	I-131	1.63E-02	7.50E-03	2.20E-02
CF	NBF	L12809-07	8/8/2007	I-131	-1.30E-02	7.70E-03	3.50E-02
CF	SBN	L12809-08	8/8/2007	I-131	3.40E-03	6.00E-03	2.30E-02
CF	DOW	L12809-09	8/8/2007	I-131	-5.30E-03	8.80E-03	3.60E-02
CF	COL	L12809-10	8/8/2007	I-131	1.90E-03	7.70E-03	2.90E-02
CF	ONS-1	L12841-01	8/15/2007	I-131	0.00E+00	9.00E-03	3.60E-02
CF	ONS-2	L12841-02	8/15/2007	I-131	9.00E-03	1.00E-02	3.60E-02
CF	ONS-3	L12841-03	8/15/2007	I-131	8.70E-03	6.80E-03	2.30E-02
CF	ONS-4	L12841-04	8/15/2007	I-131	0.00E+00	7.40E-03	3.00E-02
CF	ONS-5	L12841-05	8/15/2007	I-131	0.00E+00	8.20E-03	3.30E-02
CF	ONS-6	L12841-06	8/15/2007	I-131	-2.10E-03	6.80E-03	2.90E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	NBF	L12841-07	8/15/2007	I-131	-2.20E-03	8.00E-03	3.30E-02
CF	SBN	L12841-08	8/15/2007	I-131	6.50E-03	6.50E-03	2.30E-02
CF	DOW	L12841-09	8/15/2007	I-131	2.20E-03	7.30E-03	2.90E-02
CF	COL	L12841-10	8/15/2007	I-131	2.20E-03	6.60E-03	2.60E-02
CF	ONS-1	L12870-01	8/22/2007	I-131	9.00E-04	5.30E-03	2.00E-02
CF	ONS-2	L12870-02	8/22/2007	I-131	-7.00E-03	5.40E-03	2.20E-02
CF	ONS-3	L12870-03	8/22/2007	I-131	-4.70E-03	4.50E-03	1.90E-02
CF	ONS-4	L12870-04	8/22/2007	I-131	4.00E-03	4.90E-03	1.70E-02
CF	ONS-5	L12870-05	8/22/2007	I-131	2.00E-03	4.90E-03	1.80E-02
CF	ONS-6	L12870-06	8/22/2007	I-131	5.60E-03	4.40E-03	1.50E-02
CF	NBF	L12870-07	8/22/2007	I-131	-2.90E-03	3.70E-03	1.60E-02
CF	SBN	L12870-08	8/22/2007	I-131	8.60E-03	4.40E-03	1.30E-02
CF	DOW	L12870-09	8/22/2007	I-131	-9.10E-03	5.20E-03	2.20E-02
CF	COL	L12870-10	8/22/2007	I-131	9.50E-03	4.70E-03	1.40E-02
CF	ONS-1	L12909-01	8/29/2007	I-131	-6.00E-03	1.10E-02	4.70E-02
CF	ONS-2	L12909-02	8/29/2007	I-131	-9.90E-03	8.70E-03	3.70E-02
CF	ONS-3	L12909-03	8/29/2007	I-131	-3.80E-03	7.10E-03	3.00E-02
CF	ONS-4	L12909-04	8/29/2007	I-131	6.00E-03	9.10E-03	3.30E-02
CF	ONS-5	L12909-05	8/29/2007	I-131	0.00E+00	8.00E-03	3.20E-02
CF	ONS-6	L12909-06	8/29/2007	I-131	-1.90E-03	7.90E-03	3.20E-02
CF	NBF	L12909-07	8/29/2007	I-131	-5.80E-03	7.50E-03	3.20E-02
CF	SBN	L12909-08	8/29/2007	I-131	0.00E+00	6.20E-03	2.60E-02
CF	DOW	L12909-09	8/29/2007	I-131	5.80E-03	8.90E-03	3.20E-02
CF	COL	L12909-10	8/29/2007	I-131	1.38E-02	7.60E-03	2.40E-02
CF	ONS-1	L12925-01	9/5/2007	I-131	6.60E-03	5.80E-03	2.00E-02
CF	ONS-2	L12925-02	9/5/2007	I-131	7.10E-03	6.50E-03	2.20E-02
CF	ONS-3	L12925-03	9/5/2007	I-131	-5.50E-03	5.80E-03	2.50E-02
CF	ONS-4	L12925-04	9/5/2007	I-131	4.30E-03	7.10E-03	2.60E-02
CF	ONS-5	L12925-05	9/5/2007	I-131	-5.70E-03	6.70E-03	2.80E-02
CF	ONS-6	L12925-06	9/5/2007	I-131	-8.10E-03	5.40E-03	2.50E-02
CF	NBF	L12925-07	9/5/2007	I-131	-4.20E-03	7.80E-03	3.10E-02
CF	SBN	L12925-08	9/5/2007	I-131	-5.80E-03	6.80E-03	2.80E-02
CF	DOW	L12925-09	9/5/2007	I-131	-1.31E-02	7.30E-03	3.20E-02
CF	COL	L12925-10	9/5/2007	I-131	1.02E-02	7.00E-03	2.30E-02
CF	ONS-1	L12946-01	9/12/2007	I-131	-1.25E-02	6.60E-03	3.00E-02
CF	ONS-2	L12946-02	9/12/2007	I-131	-9.80E-03	6.10E-03	2.90E-02
CF	ONS-3	L12946-03	9/12/2007	I-131	-4.80E-03	5.40E-03	2.40E-02
CF	ONS-4	L12946-04	9/12/2007	I-131	3.10E-03	5.40E-03	2.00E-02
CF	ONS-5	L12946-05	9/12/2007	I-131	-3.30E-03	8.10E-03	3.20E-02
CF	ONS-6	L12946-06	9/12/2007	I-131	8.20E-03	5.90E-03	2.00E-02
CF	NBF	L12946-07	9/12/2007	I-131	-6.50E-03	7.30E-03	3.10E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	SBN	L12946-08	9/12/2007	I-131	9.90E-03	7.00E-03	2.30E-02
CF	DOW	L12946-09	9/12/2007	I-131	0.00E+00	5.70E-03	2.30E-02
CF	COL	L12946-10	9/12/2007	I-131	3.30E-03	4.60E-03	1.80E-02
CF	ONS-1	L12981-01	9/19/2007	I-131	0.00E+00	5.30E-03	2.20E-02
CF	ONS-2	L12981-02	9/19/2007	I-131	1.60E-03	5.70E-03	2.20E-02
CF	ONS-3	L12981-03	9/19/2007	I-131	-6.20E-03	6.50E-03	2.80E-02
CF	ONS-4	L12981-04	9/19/2007	I-131	0.00E+00	6.50E-03	2.60E-02
CF	ONS-5	L12981-05	9/19/2007	I-131	-4.90E-03	5.40E-03	2.40E-02
CF	ONS-6	L12981-06	9/19/2007	I-131	-6.50E-03	5.10E-03	2.40E-02
CF	NBF	L12981-07	9/19/2007	I-131	-4.70E-03	5.70E-03	2.50E-02
CF	SBN	L12981-08	9/19/2007	I-131	-1.60E-03	5.80E-03	2.40E-02
CF	DOW	L12981-09	9/19/2007	I-131	1.60E-03	6.20E-03	2.40E-02
CF	COL	L12981-10	9/19/2007	I-131	3.10E-03	4.90E-03	1.90E-02
CF	ONS-1	L13030-01	9/26/2007	I-131	-4.00E-03	6.10E-03	2.50E-02
CF	ONS-2	L13030-02	9/26/2007	I-131	-1.30E-03	6.10E-03	2.40E-02
CF	ONS-3	L13030-03	9/26/2007	I-131	-2.80E-03	5.90E-03	2.40E-02
CF	ONS-4	L13030-04	9/26/2007	I-131	-5.60E-03	5.60E-03	2.40E-02
CF	ONS-5	L13030-05	9/26/2007	I-131	2.80E-03	6.60E-03	2.50E-02
CF	ONS-6	L13030-06	9/26/2007	I-131	5.30E-03	6.30E-03	2.20E-02
CF	NBF	L13030-07	9/26/2007	I-131	-9.90E-03	7.30E-03	3.10E-02
CF	SBN	L13030-08	9/26/2007	I-131	0.00E+00	6.10E-03	2.40E-02
CF	DOW	L13030-09	9/26/2007	I-131	-1.12E-02	5.90E-03	2.70E-02
CF	COL	L13030-10	9/26/2007	I-131	9.80E-03	5.40E-03	1.70E-02
CF	ONS-1	L13046-01	10/3/2007	I-131	3.50E-03	7.80E-03	2.90E-02
CF	ONS-2	L13046-02	10/3/2007	I-131	-9.00E-03	8.70E-03	3.60E-02
CF	ONS-3	L13046-03	10/3/2007	I-131	0.00E+00	7.40E-03	2.90E-02
CF	ONS-4	L13046-04	10/3/2007	I-131	-7.40E-03	8.20E-03	3.50E-02
CF	ONS-5	L13046-05	10/3/2007	I-131	7.90E-03	7.90E-03	2.80E-02
CF	ONS-6	L13046-06	10/3/2007	I-131	0.00E+00	7.40E-03	2.90E-02
CF	NBF	L13046-07	10/3/2007	I-131	5.30E-03	6.90E-03	2.50E-02
CF	SBN	L13046-08	10/3/2007	I-131	0.00E+00	7.10E-03	2.80E-02
CF	DOW	L13046-09	10/3/2007	I-131	9.20E-03	7.60E-03	2.60E-02
CF	COL	L13046-10	10/3/2007	I-131	1.11E-02	6.90E-03	2.20E-02
CF	ONS-1	L13076-01	10/10/2007	I-131	1.10E-03	5.40E-03	2.10E-02
CF	ONS-2	L13076-02	10/10/2007	I-131	7.60E-03	4.70E-03	1.50E-02
CF	ONS-3	L13076-03	10/10/2007	I-131	-3.30E-03	4.70E-03	2.00E-02
CF	ONS-4	L13076-04	10/10/2007	I-131	-1.10E-03	5.50E-03	2.10E-02
CF	ONS-5	L13076-05	10/10/2007	I-131	1.10E-03	6.10E-03	2.30E-02
CF	ONS-6	L13076-06	10/10/2007	I-131	0.00E+00	4.40E-03	1.70E-02
CF	NBF	L13076-07	10/10/2007	I-131	4.20E-03	5.20E-03	1.80E-02
CF	SBN	L13076-08	10/10/2007	I-131	7.60E-03	4.50E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV (pCi/m3)	MDC (pCi/m3)
CF	DOW	L13076-09	10/10/2007	I-131	-1.10E-03	5.10E-03	2.00E-02
CF	COL	L13076-10	10/10/2007	I-131	9.80E-03	5.00E-03	1.50E-02
CF	ONS-1	L13096-01	10/17/2007	I-131	-7.30E-03	4.30E-03	1.90E-02
CF	ONS-2	L13096-02	10/17/2007	I-131	4.60E-03	4.40E-03	1.50E-02
CF	ONS-3	L13096-03	10/17/2007	I-131	-9.00E-03	1.10E-02	4.50E-02
CF	ONS-4	L13096-04	10/17/2007	I-131	-1.90E-03	4.20E-03	1.70E-02
CF	ONS-5	L13096-05	10/17/2007	I-131	-9.00E-04	4.90E-03	1.90E-02
CF	ONS-6	L13096-06	10/17/2007	I-131	6.50E-03	3.60E-03	1.10E-02
CF	NBF	L13096-07	10/17/2007	I-131	0.00E+00	4.80E-03	1.80E-02
CF	SBN	L13096-08	10/17/2007	I-131	3.70E-03	4.60E-03	1.60E-02
CF	DOW	L13096-09	10/17/2007	I-131	-8.50E-03	4.10E-03	1.90E-02
CF	COL	L13096-10	10/17/2007	I-131	1.90E-03	4.00E-03	1.50E-02
CF	ONS-1	L13141-01	10/24/2007	I-131	5.20E-03	6.60E-03	2.40E-02
CF	ONS-2	L13141-02	10/24/2007	I-131	-4.00E-03	7.60E-03	3.00E-02
CF	ONS-3	L13141-03	10/24/2007	I-131	8.00E-03	4.60E-03	1.40E-02
CF	ONS-4	L13141-04	10/24/2007	I-131	1.30E-03	5.80E-03	2.20E-02
CF	ONS-5	L13141-05	10/24/2007	I-131	-1.30E-03	5.70E-03	2.30E-02
CF	ONS-6	L13141-06	10/24/2007	I-131	5.20E-03	5.20E-03	1.80E-02
CF	NBF	L13141-07	10/24/2007	I-131	-1.40E-03	6.80E-03	2.60E-02
CF	SBN	L13141-08	10/24/2007	I-131	-1.30E-03	6.00E-03	2.40E-02
CF	DOW	L13141-09	10/24/2007	I-131	6.50E-03	5.90E-03	2.10E-02
CF	COL	L13141-10	10/24/2007	I-131	8.00E-03	3.80E-03	9.80E-03
CF	ONS-1	L13174-01	10/31/2007	I-131	9.00E-04	4.50E-03	1.70E-02
CF	ONS-2	L13174-02	10/31/2007	I-131	-2.70E-03	4.20E-03	1.70E-02
CF	ONS-3	L13174-03	10/31/2007	I-131	-7.00E-03	4.50E-03	1.90E-02
CF	ONS-4	L13174-04	10/31/2007	I-131	9.00E-04	3.70E-03	1.40E-02
CF	ONS-5	L13174-05	10/31/2007	I-131	2.60E-03	4.20E-03	1.50E-02
CF	ONS-6	L13174-06	10/31/2007	I-131	1.70E-03	4.10E-03	1.50E-02
CF	NBF	L13174-07	10/31/2007	I-131	3.80E-03	4.60E-03	1.60E-02
CF	SBN	L13174-08	10/31/2007	I-131	-9.00E-04	4.10E-03	1.60E-02
CF	DOW	L13174-09	10/31/2007	I-131	-7.00E-03	3.70E-03	1.70E-02
CF	COL	L13174-10	10/31/2007	I-131	9.00E-04	4.50E-03	1.70E-02
CF	ONS-1	L13211-01	11/7/2007	I-131	1.34E-02	6.80E-03	2.10E-02
CF	ONS-2	L13211-02	11/7/2007	I-131	-4.80E-03	7.40E-03	2.90E-02
CF	ONS-3	L13211-03	11/7/2007	I-131	0.00E+00	7.20E-03	2.70E-02
CF	ONS-4	L13211-04	11/7/2007	I-131	5.00E-03	6.40E-03	2.30E-02
CF	ONS-5	L13211-05	11/7/2007	I-131	1.30E-03	6.40E-03	2.40E-02
CF	ONS-6	L13211-06	11/7/2007	I-131	1.30E-03	5.90E-03	2.20E-02
CF	NBF	L13211-07	11/7/2007	I-131	1.30E-03	6.60E-03	2.50E-02
CF	SBN	L13211-08	11/7/2007	I-131	1.41E-02	7.60E-03	2.40E-02
CF	DOW	L13211-09	11/7/2007	I-131	3.70E-03	7.40E-03	2.70E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	COL	L13211-10	11/7/2007	I-131	-1.28E-02	7.20E-03	3.10E-02
CF	ONS-1	L13241-01	11/14/2007	I-131	1.20E-03	6.50E-03	2.40E-02
CF	ONS-2	L13241-02	11/14/2007	I-131	-6.10E-03	6.60E-03	2.70E-02
CF	ONS-3	L13241-03	11/14/2007	I-131	-3.70E-03	6.50E-03	2.60E-02
CF	ONS-4	L13241-04	11/14/2007	I-131	-1.30E-03	6.00E-03	2.40E-02
CF	ONS-5	L13241-05	11/14/2007	I-131	-1.30E-03	6.50E-03	2.50E-02
CF	ONS-6	L13241-06	11/14/2007	I-131	-7.60E-03	6.20E-03	2.60E-02
CF	NBF	L13241-07	11/14/2007	I-131	-1.07E-02	6.30E-03	2.80E-02
CF	SBN	L13241-08	11/14/2007	I-131	8.90E-03	5.60E-03	1.80E-02
CF	DOW	L13241-09	11/14/2007	I-131	-1.07E-02	6.20E-03	2.80E-02
CF	COL	L13241-10	11/14/2007	I-131	-6.70E-03	6.70E-03	2.80E-02
CF	ONS-1	L13268-01	11/21/2007	I-131	2.50E-03	5.60E-03	2.10E-02
CF	ONS-2	L13268-02	11/21/2007	I-131	8.70E-03	6.00E-03	2.00E-02
CF	ONS-3	L13268-03	11/21/2007	I-131	-1.30E-03	4.90E-03	2.00E-02
CF	ONS-4	L13268-04	11/21/2007	I-131	-1.14E-02	5.50E-03	2.50E-02
CF	ONS-5	L13268-05	11/21/2007	I-131	-1.30E-03	5.80E-03	2.30E-02
CF	ONS-6	L13268-06	11/21/2007	I-131	0.00E+00	6.40E-03	2.50E-02
CF	NBF	L13268-07	11/21/2007	I-131	6.30E-03	6.80E-03	2.40E-02
CF	SBN	L13268-08	11/21/2007	I-131	3.90E-03	7.00E-03	2.50E-02
CF	DOW	L13268-09	11/21/2007	I-131	-6.30E-03	6.80E-03	2.80E-02
CF	COL	L13268-10	11/21/2007	I-131	2.50E-03	6.60E-03	2.40E-02
CF	ONS-1	L13294-01	11/28/2007	I-131	-1.40E-03	7.50E-03	2.90E-02
CF	ONS-2	L13294-02	11/28/2007	I-131	-9.60E-03	8.80E-03	3.70E-02
CF	ONS-3	L13294-03	11/28/2007	I-131	7.50E-03	8.00E-03	2.80E-02
CF	ONS-4	L13294-04	11/28/2007	I-131	7.60E-03	7.60E-03	2.70E-02
CF	ONS-5	L13294-05	11/28/2007	I-131	-1.12E-02	9.10E-03	3.90E-02
CF	ONS-6	L13294-06	11/28/2007	I-131	3.70E-03	9.50E-03	3.50E-02
CF	NBF	L13294-07	11/28/2007	I-131	-4.00E-03	8.90E-03	3.60E-02
CF	SBN	L13294-08	11/28/2007	I-131	-3.80E-03	7.60E-03	3.20E-02
CF	DOW	L13294-09	11/28/2007	I-131	5.70E-03	8.30E-03	3.00E-02
CF	COL	L13294-10	11/28/2007	I-131	-9.00E-03	1.00E-02	4.20E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)
CF	ONS-1	L13331-01	12/5/2007	I-131	2.00E-03	1.00E-02	3.90E-02
CF	ONS-2	L13331-02	12/5/2007	I-131	1.00E-02	1.10E-02	4.10E-02
CF	ONS-3	L13331-03	12/5/2007	I-131	2.40E-03	9.40E-03	3.60E-02
CF	ONS-4	L13331-04	12/5/2007	I-131	-4.80E-03	9.70E-03	4.00E-02
CF	ONS-5	L13331-05	12/5/2007	I-131	1.20E-02	1.00E-02	3.50E-02
CF	ONS-6	L13331-06	12/5/2007	I-131	-5.00E-03	1.10E-02	4.50E-02
CF	NBF	L13331-07	12/5/2007	I-131	-3.00E-03	1.20E-02	4.60E-02
CF	SBN	L13331-08	12/5/2007	I-131	1.50E-02	1.10E-02	3.90E-02
CF	DOW	L13331-09	12/5/2007	I-131	-7.00E-03	1.10E-02	4.40E-02
CF	COL	L13331-10	12/5/2007	I-131	-5.00E-03	1.00E-02	4.20E-02
CF	ONS-1	L13363-01	12/12/2007	I-131	1.60E-03	8.60E-03	3.20E-02
CF	ONS-2	L13363-02	12/12/2007	I-131	-9.90E-03	7.40E-03	3.20E-02
CF	ONS-3	L13363-03	12/12/2007	I-131	8.10E-03	8.50E-03	3.00E-02
CF	ONS-4	L13363-04	12/12/2007	I-131	-4.90E-03	9.00E-03	3.60E-02
CF	ONS-5	L13363-05	12/12/2007	I-131	-8.00E-03	7.00E-03	3.00E-02
CF	ONS-6	L13363-06	12/12/2007	I-131	-4.90E-03	8.10E-03	3.30E-02
CF	NBF	L13363-07	12/12/2007	I-131	-8.40E-03	9.10E-03	3.70E-02
CF	SBN	L13363-08	12/12/2007	I-131	3.30E-03	8.50E-03	3.10E-02
CF	DOW	L13363-09	12/12/2007	I-131	3.30E-03	8.40E-03	3.10E-02
CF	COL	L13363-10	12/12/2007	I-131	1.86E-02	8.80E-03	2.70E-02
CF	ONS-1	L13388-01	12/19/2007	I-131	4.00E-03	1.10E-02	4.00E-02
CF	ONS-2	L13388-02	12/19/2007	I-131	-4.00E-03	1.30E-02	4.90E-02
CF	ONS-3	L13388-03	12/19/2007	I-131	4.00E-03	1.00E-02	3.80E-02
CF	ONS-4	L13388-04	12/19/2007	I-131	-2.10E-03	9.90E-03	3.90E-02
CF	ONS-5	L13388-05	12/19/2007	I-131	-9.00E-03	1.10E-02	4.40E-02
CF	ONS-6	L13388-06	12/19/2007	I-131	-2.00E-03	1.20E-02	4.60E-02
CF	NBF	L13388-07	12/19/2007	I-131	6.80E-03	9.80E-03	3.60E-02
CF	SBN	L13388-08	12/19/2007	I-131	4.00E-03	1.30E-02	4.80E-02
CF	DOW	L13388-09	12/19/2007	I-131	-1.80E-02	1.30E-02	5.30E-02
CF	ONS-1	L13417-01	12/26/2007	I-131	8.00E-03	1.20E-02	4.40E-02
CF	ONS-2	L13417-02	12/26/2007	I-131	3.00E-03	1.30E-02	5.00E-02
CF	ONS-3	L13417-03	12/26/2007	I-131	-5.00E-03	1.10E-02	4.60E-02
CF	ONS-4	L13417-04	12/26/2007	I-131	0.00E+00	1.20E-02	4.60E-02
CF	ONS-5	L13417-05	12/26/2007	I-131	1.00E-02	1.10E-02	4.00E-02
CF	ONS-6	L13417-06	12/26/2007	I-131	-8.00E-03	1.30E-02	5.20E-02
CF	NBF	L13417-07	12/26/2007	I-131	3.00E-03	1.20E-02	4.50E-02
CF	SBN	L13417-08	12/26/2007	I-131	-2.50E-03	9.70E-03	4.00E-02
CF	DOW	L13417-09	12/26/2007	I-131	2.80E-02	1.10E-02	2.80E-02
CF	COL	L13417-10	12/26/2007	I-131	1.10E-02	1.40E-02	4.80E-02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	OFS-N	L12565-01	6/15/2007	AcTh-228	-4.60E+01	3.30E+01	1.40E+02
FH	OFS-N	L12565-01	6/15/2007	Ag-108m	0.00E+00	6.80E+00	2.50E+01
FH	OFS-N	L12565-01	6/15/2007	Ag-110m	-9.00E+00	1.00E+01	4.30E+01
FH	OFS-N	L12565-01	6/15/2007	Ba-140	-5.00E+01	2.90E+01	1.40E+02
FH	OFS-N	L12565-01	6/15/2007	Be-7	-4.80E+01	7.90E+01	3.10E+02
FH	OFS-N	L12565-01	6/15/2007	Ce-141	-8.00E+00	1.80E+01	6.50E+01
FH	OFS-N	L12565-01	6/15/2007	Ce-144	3.70E+01	4.70E+01	1.60E+02
FH	OFS-N	L12565-01	6/15/2007	Co-57	-6.00E-01	5.70E+00	2.00E+01
FH	OFS-N	L12565-01	6/15/2007	Co-58	2.40E+01	1.00E+01	3.10E+01
FH	OFS-N	L12565-01	6/15/2007	Co-60	4.20E+00	9.90E+00	3.70E+01
FH	OFS-N	L12565-01	6/15/2007	Cr-51	1.00E+01	1.30E+02	4.60E+02
FH	OFS-N	L12565-01	6/15/2007	Cs-134	8.00E+00	1.20E+01	4.20E+01
FH	OFS-N	L12565-01	6/15/2007	Cs-137	2.90E+01	1.10E+01	3.20E+01
FH	OFS-N	L12565-01	6/15/2007	Fe-59	5.00E+00	2.10E+01	8.20E+01
FH	OFS-N	L12565-01	6/15/2007	I-131	-1.38E+02	7.20E+01	2.90E+02
FH	OFS-N	L12565-01	6/15/2007	K-40	2.89E+03	2.70E+02	4.10E+02 *
FH	OFS-N	L12565-01	6/15/2007	La-140	-5.80E+01	3.30E+01	1.60E+02
FH	OFS-N	L12565-01	6/15/2007	Mn-54	-1.60E+00	9.70E+00	3.70E+01
FH	OFS-N	L12565-01	6/15/2007	Nb-95	5.00E+00	1.50E+01	5.40E+01
FH	OFS-N	L12565-01	6/15/2007	Ru-103	-5.00E+00	1.10E+01	4.20E+01
FH	OFS-N	L12565-01	6/15/2007	Ru-106	-1.14E+02	9.00E+01	3.60E+02
FH	OFS-N	L12565-01	6/15/2007	Sb-124	-3.90E+01	2.20E+01	1.10E+02
FH	OFS-N	L12565-01	6/15/2007	Sb-125	-8.00E+00	2.30E+01	8.50E+01
FH	OFS-N	L12565-01	6/15/2007	Se-75	4.00E+00	1.20E+01	4.10E+01
FH	OFS-N	L12565-01	6/15/2007	Zn-65	-6.00E+00	2.00E+01	7.90E+01
FH	OFS-N	L12565-01	6/15/2007	Zr-95	-2.60E+01	1.70E+01	7.20E+01
FH	ONS-N	L12565-02	6/15/2007	AcTh-228	1.90E+01	4.70E+01	1.80E+02
FH	ONS-N	L12565-02	6/15/2007	Ag-108m	-6.10E+00	9.40E+00	3.80E+01
FH	ONS-N	L12565-02	6/15/2007	Ag-110m	5.00E+00	1.80E+01	7.10E+01
FH	ONS-N	L12565-02	6/15/2007	Ba-140	-8.80E+01	4.40E+01	2.60E+02
FH	ONS-N	L12565-02	6/15/2007	Be-7	-1.10E+02	1.20E+02	5.10E+02
FH	ONS-N	L12565-02	6/15/2007	Ce-141	-1.20E+01	2.00E+01	7.60E+01
FH	ONS-N	L12565-02	6/15/2007	Ce-144	4.90E+01	4.90E+01	1.70E+02
FH	ONS-N	L12565-02	6/15/2007	Co-57	2.20E+00	6.00E+00	2.20E+01
FH	ONS-N	L12565-02	6/15/2007	Co-58	1.90E+01	1.30E+01	4.20E+01
FH	ONS-N	L12565-02	6/15/2007	Co-60	-8.00E+00	1.60E+01	7.10E+01
FH	ONS-N	L12565-02	6/15/2007	Cr-51	1.40E+02	1.40E+02	4.80E+02
FH	ONS-N	L12565-02	6/15/2007	Cs-134	1.30E+01	1.30E+01	4.50E+01
FH	ONS-N	L12565-02	6/15/2007	Cs-137	-9.00E+00	1.10E+01	5.00E+01
FH	ONS-N	L12565-02	6/15/2007	Fe-59	-2.20E+01	4.20E+01	1.80E+02
FH	ONS-N	L12565-02	6/15/2007	I-131	1.85E+02	8.30E+01	2.50E+02
FH	ONS-N	L12565-02	6/15/2007	K-40	2.92E+03	4.10E+02	5.80E+02 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	ONS-N	L12565-02	6/15/2007	La-140	-1.01E+02	5.10E+01	3.00E+02
FH	ONS-N	L12565-02	6/15/2007	Mn-54	1.00E+00	1.10E+01	4.60E+01
FH	ONS-N	L12565-02	6/15/2007	Nb-95	2.00E+00	1.70E+01	6.70E+01
FH	ONS-N	L12565-02	6/15/2007	Ru-103	4.00E+00	1.30E+01	5.20E+01
FH	ONS-N	L12565-02	6/15/2007	Ru-106	-1.36E+02	9.80E+01	4.50E+02
FH	ONS-N	L12565-02	6/15/2007	Sb-124	0.00E+00	4.20E+01	1.80E+02
FH	ONS-N	L12565-02	6/15/2007	Sb-125	-3.10E+01	2.60E+01	1.10E+02
FH	ONS-N	L12565-02	6/15/2007	Se-75	-6.00E+00	1.20E+01	4.90E+01
FH	ONS-N	L12565-02	6/15/2007	Zn-65	0.00E+00	3.10E+01	1.30E+02
FH	ONS-N	L12565-02	6/15/2007	Zr-95	5.70E+01	2.30E+01	5.70E+01
FH	ONS-S	L12565-03	6/15/2007	AcTh-228	-4.20E+01	3.80E+01	1.60E+02
FH	ONS-S	L12565-03	6/15/2007	Ag-108m	-1.19E+01	8.40E+00	3.50E+01
FH	ONS-S	L12565-03	6/15/2007	Ag-110m	1.30E+01	1.20E+01	4.40E+01
FH	ONS-S	L12565-03	6/15/2007	Ba-140	-9.10E+01	5.00E+01	2.40E+02
FH	ONS-S	L12565-03	6/15/2007	Be-7	3.90E+01	9.00E+01	3.40E+02
FH	ONS-S	L12565-03	6/15/2007	Ce-141	-2.60E+01	2.30E+01	8.70E+01
FH	ONS-S	L12565-03	6/15/2007	Ce-144	-9.00E+00	5.30E+01	1.90E+02
FH	ONS-S	L12565-03	6/15/2007	Co-57	5.10E+00	7.20E+00	2.50E+01
FH	ONS-S	L12565-03	6/15/2007	Co-58	-3.00E+00	1.30E+01	5.20E+01
FH	ONS-S	L12565-03	6/15/2007	Co-60	-2.10E+01	1.10E+01	5.30E+01
FH	ONS-S	L12565-03	6/15/2007	Cr-51	-1.50E+02	1.50E+02	5.90E+02
FH	ONS-S	L12565-03	6/15/2007	Cs-134	7.00E+00	1.10E+01	4.00E+01
FH	ONS-S	L12565-03	6/15/2007	Cs-137	1.80E+01	1.10E+01	3.70E+01
FH	ONS-S	L12565-03	6/15/2007	Fe-59	9.00E+00	2.80E+01	1.10E+02
FH	ONS-S	L12565-03	6/15/2007	I-131	-1.10E+02	7.50E+01	3.20E+02
FH	ONS-S	L12565-03	6/15/2007	K-40	3.13E+03	3.30E+02	4.90E+02 *
FH	ONS-S	L12565-03	6/15/2007	La-140	-1.05E+02	5.80E+01	2.70E+02
FH	ONS-S	L12565-03	6/15/2007	Mn-54	-1.10E+01	1.30E+01	5.10E+01
FH	ONS-S	L12565-03	6/15/2007	Nb-95	2.10E+01	1.50E+01	4.80E+01
FH	ONS-S	L12565-03	6/15/2007	Ru-103	-2.60E+01	1.80E+01	7.30E+01
FH	ONS-S	L12565-03	6/15/2007	Ru-106	-1.20E+01	9.20E+01	3.60E+02
FH	ONS-S	L12565-03	6/15/2007	Sb-124	-4.00E+01	2.40E+01	1.30E+02
FH	ONS-S	L12565-03	6/15/2007	Sb-125	-4.10E+01	2.50E+01	1.10E+02
FH	ONS-S	L12565-03	6/15/2007	Se-75	0.00E+00	1.30E+01	4.90E+01
FH	ONS-S	L12565-03	6/15/2007	Zn-65	-3.00E+01	2.60E+01	1.10E+02
FH	ONS-S	L12565-03	6/15/2007	Zr-95	-2.90E+01	2.20E+01	9.40E+01
FH	OFS-S	L12565-04	6/15/2007	AcTh-228	-4.30E+01	3.00E+01	1.30E+02
FH	OFS-S	L12565-04	6/15/2007	Ag-108m	7.40E+00	8.50E+00	2.90E+01
FH	OFS-S	L12565-04	6/15/2007	Ag-110m	-1.60E+01	1.30E+01	5.50E+01
FH	OFS-S	L12565-04	6/15/2007	Ba-140	-2.90E+01	3.90E+01	1.70E+02
FH	OFS-S	L12565-04	6/15/2007	Be-7	9.00E+01	1.00E+02	3.50E+02

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

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	OFS-S	L12565-04	6/15/2007	Ce-141	-2.40E+01	1.80E+01	7.00E+01
FH	OFS-S	L12565-04	6/15/2007	Ce-144	2.20E+01	5.40E+01	1.90E+02
FH	OFS-S	L12565-04	6/15/2007	Co-57	-6.30E+00	6.50E+00	2.40E+01
FH	OFS-S	L12565-04	6/15/2007	Co-58	1.30E+01	1.10E+01	3.90E+01
FH	OFS-S	L12565-04	6/15/2007	Co-60	-8.00E+00	1.20E+01	4.90E+01
FH	OFS-S	L12565-04	6/15/2007	Cr-51	9.00E+01	1.30E+02	4.60E+02
FH	OFS-S	L12565-04	6/15/2007	Cs-134	-1.80E+01	1.10E+01	4.80E+01
FH	OFS-S	L12565-04	6/15/2007	Cs-137	5.10E+01	1.60E+01	4.70E+01 *
FH	OFS-S	L12565-04	6/15/2007	Fe-59	-3.60E+01	2.40E+01	1.10E+02
FH	OFS-S	L12565-04	6/15/2007	I-131	8.50E+01	8.50E+01	2.90E+02
FH	OFS-S	L12565-04	6/15/2007	K-40	3.22E+03	3.10E+02	5.00E+02 *
FH	OFS-S	L12565-04	6/15/2007	La-140	-3.30E+01	4.50E+01	2.00E+02
FH	OFS-S	L12565-04	6/15/2007	Mn-54	3.70E+00	8.30E+00	3.10E+01
FH	OFS-S	L12565-04	6/15/2007	Nb-95	-5.00E+00	1.50E+01	5.90E+01
FH	OFS-S	L12565-04	6/15/2007	Ru-103	0.00E+00	1.50E+01	5.60E+01
FH	OFS-S	L12565-04	6/15/2007	Ru-106	1.06E+02	9.20E+01	3.10E+02
FH	OFS-S	L12565-04	6/15/2007	Sb-124	5.00E+00	2.60E+01	1.00E+02
FH	OFS-S	L12565-04	6/15/2007	Sb-125	-2.20E+01	2.30E+01	9.30E+01
FH	OFS-S	L12565-04	6/15/2007	Se-75	-1.60E+01	1.10E+01	4.40E+01
FH	OFS-S	L12565-04	6/15/2007	Zn-65	-1.90E+01	1.80E+01	7.90E+01
FH	OFS-S	L12565-04	6/15/2007	Zr-95	-1.60E+01	2.10E+01	8.40E+01
FH	OFS-N	L12930-01	8/29/2007	AcTh-228	-1.80E+01	4.60E+01	1.90E+02
FH	OFS-N	L12930-01	8/29/2007	Ag-108m	-6.60E+00	7.40E+00	3.10E+01
FH	OFS-N	L12930-01	8/29/2007	Ag-110m	2.30E+01	1.40E+01	4.60E+01
FH	OFS-N	L12930-01	8/29/2007	Ba-140	3.90E+01	2.90E+01	9.70E+01
FH	OFS-N	L12930-01	8/29/2007	Be-7	1.22E+02	9.50E+01	3.20E+02
FH	OFS-N	L12930-01	8/29/2007	Ce-141	-1.00E+00	1.60E+01	5.80E+01
FH	OFS-N	L12930-01	8/29/2007	Ce-144	-1.00E+01	3.90E+01	1.50E+02
FH	OFS-N	L12930-01	8/29/2007	Co-57	-1.59E+01	5.10E+00	2.20E+01
FH	OFS-N	L12930-01	8/29/2007	Co-58	8.00E+00	1.00E+01	3.80E+01
FH	OFS-N	L12930-01	8/29/2007	Co-60	-1.10E+01	1.40E+01	6.20E+01
FH	OFS-N	L12930-01	8/29/2007	Cr-51	1.10E+02	1.10E+02	3.70E+02
FH	OFS-N	L12930-01	8/29/2007	Cs-134	-1.00E+00	1.40E+01	5.30E+01
FH	OFS-N	L12930-01	8/29/2007	Cs-137	-1.30E+01	1.30E+01	5.30E+01
FH	OFS-N	L12930-01	8/29/2007	Fe-59	-1.70E+01	2.40E+01	1.10E+02
FH	OFS-N	L12930-01	8/29/2007	I-131	-3.00E+01	4.20E+01	1.70E+02
FH	OFS-N	L12930-01	8/29/2007	K-40	3.52E+03	4.00E+02	4.70E+02 *
FH	OFS-N	L12930-01	8/29/2007	La-140	4.50E+01	3.40E+01	1.10E+02
FH	OFS-N	L12930-01	8/29/2007	Mn-54	-1.30E+01	1.20E+01	5.10E+01
FH	OFS-N	L12930-01	8/29/2007	Nb-95	-6.00E+00	1.70E+01	6.80E+01
FH	OFS-N	L12930-01	8/29/2007	Ru-103	1.40E+01	1.20E+01	4.30E+01
FH	OFS-N	L12930-01	8/29/2007	Ru-106	2.20E+01	8.40E+01	3.30E+02

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	OFS-N	L12930-01	8/29/2007	Sb-124	1.30E+01	1.30E+01	3.50E+01
FH	OFS-N	L12930-01	8/29/2007	Sb-125	-1.50E+01	2.30E+01	9.60E+01
FH	OFS-N	L12930-01	8/29/2007	Se-75	-1.00E+01	1.10E+01	4.40E+01
FH	OFS-N	L12930-01	8/29/2007	Zn-65	0.00E+00	3.10E+01	1.20E+02
FH	OFS-N	L12930-01	8/29/2007	Zr-95	1.20E+01	2.10E+01	7.90E+01
FH	ONS-N	L12930-02	8/29/2007	AcTh-228	1.20E+02	4.90E+01	1.40E+02
FH	ONS-N	L12930-02	8/29/2007	Ag-108m	-2.00E+00	1.00E+01	3.90E+01
FH	ONS-N	L12930-02	8/29/2007	Ag-110m	0.00E+00	1.70E+01	6.90E+01
FH	ONS-N	L12930-02	8/29/2007	Ba-140	-1.40E+01	3.10E+01	1.50E+02
FH	ONS-N	L12930-02	8/29/2007	Be-7	-1.30E+02	9.20E+01	4.10E+02
FH	ONS-N	L12930-02	8/29/2007	Ce-141	6.00E+00	1.80E+01	6.30E+01
FH	ONS-N	L12930-02	8/29/2007	Ce-144	6.60E+01	5.40E+01	1.80E+02
FH	ONS-N	L12930-02	8/29/2007	Co-57	-1.70E+00	6.20E+00	2.30E+01
FH	ONS-N	L12930-02	8/29/2007	Co-58	6.00E+00	1.20E+01	4.40E+01
FH	ONS-N	L12930-02	8/29/2007	Co-60	-1.30E+01	1.70E+01	7.40E+01
FH	ONS-N	L12930-02	8/29/2007	Cr-51	-2.30E+02	1.40E+02	5.70E+02
FH	ONS-N	L12930-02	8/29/2007	Cs-134	1.40E+01	1.50E+01	5.40E+01
FH	ONS-N	L12930-02	8/29/2007	Cs-137	3.00E+00	1.50E+01	5.40E+01
FH	ONS-N	L12930-02	8/29/2007	Fe-59	1.70E+01	3.00E+01	1.10E+02
FH	ONS-N	L12930-02	8/29/2007	I-131	2.90E+01	5.20E+01	1.90E+02
FH	ONS-N	L12930-02	8/29/2007	K-40	1.94E+03	3.20E+02	5.80E+02 *
FH	ONS-N	L12930-02	8/29/2007	La-140	-1.60E+01	3.50E+01	1.70E+02
FH	ONS-N	L12930-02	8/29/2007	Mn-54	3.00E+00	1.00E+01	4.10E+01
FH	ONS-N	L12930-02	8/29/2007	Nb-95	2.70E+01	1.70E+01	5.40E+01
FH	ONS-N	L12930-02	8/29/2007	Ru-103	-2.00E+01	1.70E+01	6.90E+01
FH	ONS-N	L12930-02	8/29/2007	Ru-106	-1.70E+02	1.20E+02	5.20E+02
FH	ONS-N	L12930-02	8/29/2007	Sb-124	-1.40E+01	4.10E+01	1.80E+02
FH	ONS-N	L12930-02	8/29/2007	Sb-125	2.20E+01	3.00E+01	1.10E+02
FH	ONS-N	L12930-02	8/29/2007	Se-75	3.90E+01	1.30E+01	3.80E+01
FH	ONS-N	L12930-02	8/29/2007	Zn-65	-8.00E+00	2.70E+01	1.10E+02
FH	ONS-N	L12930-02	8/29/2007	Zr-95	-1.10E+01	2.10E+01	9.00E+01
FH	ONS-S	L12930-03	8/28/2007	AcTh-228	5.00E+00	3.20E+01	1.20E+02
FH	ONS-S	L12930-03	8/28/2007	Ag-108m	-6.60E+00	6.20E+00	2.40E+01
FH	ONS-S	L12930-03	8/28/2007	Ag-110m	-1.10E+01	1.20E+01	4.60E+01
FH	ONS-S	L12930-03	8/28/2007	Ba-140	-1.80E+01	1.70E+01	7.40E+01
FH	ONS-S	L12930-03	8/28/2007	Be-7	-1.90E+01	6.40E+01	2.40E+02
FH	ONS-S	L12930-03	8/28/2007	Ce-141	-2.30E+01	1.30E+01	4.90E+01
FH	ONS-S	L12930-03	8/28/2007	Ce-144	2.20E+01	3.90E+01	1.40E+02
FH	ONS-S	L12930-03	8/28/2007	Co-57	-5.60E+00	4.70E+00	1.80E+01
FH	ONS-S	L12930-03	8/28/2007	Co-58	-2.80E+00	9.00E+00	3.40E+01
FH	ONS-S	L12930-03	8/28/2007	Co-60	-1.70E+00	8.10E+00	3.20E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	ONS-S	L12930-03	8/28/2007	Cr-51	-7.40E+01	7.90E+01	3.00E+02
FH	ONS-S	L12930-03	8/28/2007	Cs-134	-1.10E+01	8.20E+00	3.40E+01
FH	ONS-S	L12930-03	8/28/2007	Cs-137	2.70E+00	7.90E+00	2.90E+01
FH	ONS-S	L12930-03	8/28/2007	Fe-59	2.00E+01	2.00E+01	7.00E+01
FH	ONS-S	L12930-03	8/28/2007	I-131	-1.00E+01	2.90E+01	1.10E+02
FH	ONS-S	L12930-03	8/28/2007	K-40	2.33E+03	2.30E+02	4.00E+02 *
FH	ONS-S	L12930-03	8/28/2007	La-140	-2.00E+01	1.90E+01	8.50E+01
FH	ONS-S	L12930-03	8/28/2007	Mn-54	1.74E+01	7.00E+00	2.10E+01
FH	ONS-S	L12930-03	8/28/2007	Nb-95	5.00E+00	1.20E+01	4.40E+01
FH	ONS-S	L12930-03	8/28/2007	Ru-103	-5.20E+00	9.50E+00	3.60E+01
FH	ONS-S	L12930-03	8/28/2007	Ru-106	-1.69E+02	7.50E+01	3.10E+02
FH	ONS-S	L12930-03	8/28/2007	Sb-124	2.00E+01	1.70E+01	6.00E+01
FH	ONS-S	L12930-03	8/28/2007	Sb-125	0.00E+00	2.00E+01	7.30E+01
FH	ONS-S	L12930-03	8/28/2007	Se-75	1.00E+00	9.60E+00	3.40E+01
FH	ONS-S	L12930-03	8/28/2007	Zn-65	-6.00E+00	1.90E+01	7.20E+01
FH	ONS-S	L12930-03	8/28/2007	Zr-95	1.00E+01	1.40E+01	5.00E+01
FH	OFS-S	L12930-04	8/28/2007	AcTh-228	2.60E+01	3.00E+01	1.10E+02
FH	OFS-S	L12930-04	8/28/2007	Ag-108m	7.00E+00	7.40E+00	2.60E+01
FH	OFS-S	L12930-04	8/28/2007	Ag-110m	3.00E+00	1.10E+01	4.30E+01
FH	OFS-S	L12930-04	8/28/2007	Ba-140	2.40E+01	2.10E+01	7.30E+01
FH	OFS-S	L12930-04	8/28/2007	Be-7	1.14E+02	8.30E+01	2.80E+02
FH	OFS-S	L12930-04	8/28/2007	Ce-141	-7.00E+00	1.80E+01	6.60E+01
FH	OFS-S	L12930-04	8/28/2007	Ce-144	2.40E+01	5.10E+01	1.80E+02
FH	OFS-S	L12930-04	8/28/2007	Co-57	6.40E+00	6.30E+00	2.10E+01
FH	OFS-S	L12930-04	8/28/2007	Co-58	6.20E+00	9.00E+00	3.30E+01
FH	OFS-S	L12930-04	8/28/2007	Co-60	1.40E+01	1.00E+01	3.40E+01
FH	OFS-S	L12930-04	8/28/2007	Cr-51	-1.30E+02	1.10E+02	4.40E+02
FH	OFS-S	L12930-04	8/28/2007	Cs-134	8.00E+00	1.00E+01	3.70E+01
FH	OFS-S	L12930-04	8/28/2007	Cs-137	9.00E+00	1.10E+01	3.70E+01
FH	OFS-S	L12930-04	8/28/2007	Fe-59	-3.80E+01	2.90E+01	1.20E+02
FH	OFS-S	L12930-04	8/28/2007	I-131	-9.30E+01	5.00E+01	2.00E+02
FH	OFS-S	L12930-04	8/28/2007	K-40	2.60E+03	3.00E+02	5.80E+02 *
FH	OFS-S	L12930-04	8/28/2007	La-140	2.70E+01	2.40E+01	8.40E+01
FH	OFS-S	L12930-04	8/28/2007	Mn-54	3.60E+00	8.70E+00	3.20E+01
FH	OFS-S	L12930-04	8/28/2007	Nb-95	-7.00E+00	1.40E+01	5.60E+01
FH	OFS-S	L12930-04	8/28/2007	Ru-103	-1.60E+01	1.30E+01	5.10E+01
FH	OFS-S	L12930-04	8/28/2007	Ru-106	-2.27E+02	9.20E+01	4.00E+02
FH	OFS-S	L12930-04	8/28/2007	Sb-124	0.00E+00	2.10E+01	8.90E+01
FH	OFS-S	L12930-04	8/28/2007	Sb-125	-2.20E+01	2.20E+01	8.60E+01
FH	OFS-S	L12930-04	8/28/2007	Se-75	8.00E+00	1.10E+01	3.90E+01
FH	OFS-S	L12930-04	8/28/2007	Zn-65	-2.60E+01	2.40E+01	9.80E+01
FH	OFS-S	L12930-04	8/28/2007	Zr-95	-1.10E+01	2.00E+01	7.90E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
FH	ONS-N	L12930-05	8/28/2007	AcTh-228	-1.50E+01	3.00E+01	1.20E+02
FH	ONS-N	L12930-05	8/28/2007	Ag-108m	-2.90E+00	8.00E+00	3.00E+01
FH	ONS-N	L12930-05	8/28/2007	Ag-110m	2.00E+00	1.10E+01	4.30E+01
FH	ONS-N	L12930-05	8/28/2007	Ba-140	2.60E+01	2.90E+01	1.00E+02
FH	ONS-N	L12930-05	8/28/2007	Be-7	2.91E+02	9.30E+01	2.60E+02 *
FH	ONS-N	L12930-05	8/28/2007	Ce-141	8.00E+00	1.70E+01	5.80E+01
FH	ONS-N	L12930-05	8/28/2007	Ce-144	0.00E+00	4.90E+01	1.70E+02
FH	ONS-N	L12930-05	8/28/2007	Co-57	-1.39E+01	6.50E+00	2.50E+01
FH	ONS-N	L12930-05	8/28/2007	Co-58	-1.90E+01	1.10E+01	4.60E+01
FH	ONS-N	L12930-05	8/28/2007	Co-60	4.60E+00	8.60E+00	3.20E+01
FH	ONS-N	L12930-05	8/28/2007	Cr-51	9.00E+01	1.20E+02	4.00E+02
FH	ONS-N	L12930-05	8/28/2007	Cs-134	-1.90E+00	8.50E+00	3.40E+01
FH	ONS-N	L12930-05	8/28/2007	Cs-137	1.50E+01	1.10E+01	3.60E+01
FH	ONS-N	L12930-05	8/28/2007	Fe-59	5.00E+00	2.10E+01	7.80E+01
FH	ONS-N	L12930-05	8/28/2007	I-131	-2.00E+00	5.40E+01	2.00E+02
FH	ONS-N	L12930-05	8/28/2007	K-40	2.36E+03	2.50E+02	3.40E+02 *
FH	ONS-N	L12930-05	8/28/2007	La-140	3.00E+01	3.30E+01	1.20E+02
FH	ONS-N	L12930-05	8/28/2007	Mn-54	-6.70E+00	8.60E+00	3.50E+01
FH	ONS-N	L12930-05	8/28/2007	Nb-95	0.00E+00	1.30E+01	4.80E+01
FH	ONS-N	L12930-05	8/28/2007	Ru-103	6.00E+00	1.10E+01	3.80E+01
FH	ONS-N	L12930-05	8/28/2007	Ru-106	-9.60E+01	8.60E+01	3.40E+02
FH	ONS-N	L12930-05	8/28/2007	Sb-124	-1.20E+01	2.70E+01	1.10E+02
FH	ONS-N	L12930-05	8/28/2007	Sb-125	3.00E+00	2.70E+01	9.60E+01
FH	ONS-N	L12930-05	8/28/2007	Se-75	-1.80E+01	1.10E+01	4.40E+01
FH	ONS-N	L12930-05	8/28/2007	Zn-65	-9.00E+00	1.90E+01	7.80E+01
FH	ONS-N	L12930-05	8/28/2007	Zr-95	-1.40E+01	1.70E+01	6.80E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	
SE	SL-2	L12262-01	4/9/2007	AcTh-228	1.40E+02	2.00E+01	7.40E+01	*
SE	SL-2	L12262-01	4/9/2007	Ag-108m	-5.00E+00	3.70E+00	1.40E+01	
SE	SL-2	L12262-01	4/9/2007	Ag-110m	2.50E+00	6.10E+00	2.20E+01	
SE	SL-2	L12262-01	4/9/2007	Ba-140	5.00E+00	2.70E+01	9.70E+01	
SE	SL-2	L12262-01	4/9/2007	Be-7	-7.00E+00	4.10E+01	1.50E+02	
SE	SL-2	L12262-01	4/9/2007	Ce-141	-1.31E+01	9.00E+00	3.20E+01	
SE	SL-2	L12262-01	4/9/2007	Ce-144	4.00E+00	2.80E+01	9.80E+01	
SE	SL-2	L12262-01	4/9/2007	Co-57	-5.00E-01	3.70E+00	1.30E+01	
SE	SL-2	L12262-01	4/9/2007	Co-58	2.40E+00	4.00E+00	1.40E+01	
SE	SL-2	L12262-01	4/9/2007	Co-60	-7.40E+00	4.50E+00	1.90E+01	
SE	SL-2	L12262-01	4/9/2007	Cr-51	-8.80E+01	4.30E+01	1.60E+02	
SE	SL-2	L12262-01	4/9/2007	Cs-134	-6.00E-01	4.10E+00	1.50E+01	
SE	SL-2	L12262-01	4/9/2007	Cs-137	1.00E+00	4.90E+00	1.70E+01	
SE	SL-2	L12262-01	4/9/2007	Fe-59	-9.00E+00	1.20E+01	4.50E+01	
SE	SL-2	L12262-01	4/9/2007	I-131	5.40E+00	9.10E+00	3.10E+01	
SE	SL-2	L12262-01	4/9/2007	K-40	7.39E+03	2.40E+02	1.70E+02	*
SE	SL-2	L12262-01	4/9/2007	La-140	-1.10E+01	1.40E+01	5.10E+01	
SE	SL-2	L12262-01	4/9/2007	Mn-54	6.80E+00	4.20E+00	1.40E+01	
SE	SL-2	L12262-01	4/9/2007	Nb-95	-1.30E+00	5.90E+00	2.10E+01	
SE	SL-2	L12262-01	4/9/2007	Ru-103	8.30E+00	4.40E+00	1.40E+01	
SE	SL-2	L12262-01	4/9/2007	Ru-106	-9.00E+00	3.50E+01	1.30E+02	
SE	SL-2	L12262-01	4/9/2007	Sb-124	-4.20E+00	6.70E+00	3.00E+01	
SE	SL-2	L12262-01	4/9/2007	Sb-125	-2.20E+01	1.10E+01	4.30E+01	
SE	SL-2	L12262-01	4/9/2007	Se-75	3.90E+00	5.60E+00	1.90E+01	
SE	SL-2	L12262-01	4/9/2007	Zn-65	-8.00E+00	2.10E+01	7.50E+01	
SE	SL-2	L12262-01	4/9/2007	Zr-95	-1.60E+01	7.00E+00	3.50E+01	
SE	SL-3	L12262-02	4/9/2007	AcTh-228	2.14E+02	1.50E+01	5.20E+01	*
SE	SL-3	L12262-02	4/9/2007	Ag-108m	-2.80E+00	2.80E+00	9.80E+00	
SE	SL-3	L12262-02	4/9/2007	Ag-110m	5.50E+00	5.00E+00	1.70E+01	
SE	SL-3	L12262-02	4/9/2007	Ba-140	-6.10E+01	5.50E+01	2.00E+02	
SE	SL-3	L12262-02	4/9/2007	Be-7	-1.10E+01	3.90E+01	1.30E+02	
SE	SL-3	L12262-02	4/9/2007	Ce-141	3.00E-01	9.40E+00	3.20E+01	
SE	SL-3	L12262-02	4/9/2007	Ce-144	-2.10E+01	1.90E+01	6.50E+01	
SE	SL-3	L12262-02	4/9/2007	Co-57	3.50E+00	2.50E+00	8.30E+00	
SE	SL-3	L12262-02	4/9/2007	Co-58	1.60E+00	4.60E+00	1.60E+01	
SE	SL-3	L12262-02	4/9/2007	Co-60	-1.70E+00	4.20E+00	1.50E+01	
SE	SL-3	L12262-02	4/9/2007	Cr-51	-2.30E+01	4.50E+01	1.60E+02	
SE	SL-3	L12262-02	4/9/2007	Cs-134	-3.20E+01	1.60E+01	5.40E+01	
SE	SL-3	L12262-02	4/9/2007	Cs-137	1.20E+01	5.10E+00	1.70E+01	
SE	SL-3	L12262-02	4/9/2007	Fe-59	1.90E+01	1.20E+01	3.90E+01	
SE	SL-3	L12262-02	4/9/2007	I-131	-1.40E+01	3.60E+01	1.30E+02	
SE	SL-3	L12262-02	4/9/2007	K-40	6.99E+03	1.70E+02	1.30E+02	*

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	SL-3	L12262-02	4/9/2007	La-140	-4.00E+01	2.90E+01	1.10E+02
SE	SL-3	L12262-02	4/9/2007	Mn-54	4.90E+00	4.00E+00	1.30E+01
SE	SL-3	L12262-02	4/9/2007	Nb-95	-2.40E+01	1.20E+01	4.20E+01
SE	SL-3	L12262-02	4/9/2007	Ru-103	-5.10E+00	5.00E+00	1.80E+01
SE	SL-3	L12262-02	4/9/2007	Ru-106	4.60E+01	2.90E+01	9.60E+01
SE	SL-3	L12262-02	4/9/2007	Sb-124	9.80E+00	7.00E+00	2.30E+01
SE	SL-3	L12262-02	4/9/2007	Sb-125	1.50E+00	9.00E+00	3.10E+01
SE	SL-3	L12262-02	4/9/2007	Se-75	-2.00E+00	4.30E+00	1.50E+01
SE	SL-3	L12262-02	4/9/2007	Zn-65	3.50E+01	1.90E+01	6.30E+01
SE	SL-3	L12262-02	4/9/2007	Zr-95	7.20E+00	7.50E+00	2.70E+01
SE	SL-2	L13077-01	10/9/2007	AcTh-228	6.40E+01	3.50E+01	1.10E+02
SE	SL-2	L13077-01	10/9/2007	Ag-108m	0.00E+00	4.00E+00	1.50E+01
SE	SL-2	L13077-01	10/9/2007	Ag-110m	5.80E+00	6.40E+00	2.20E+01
SE	SL-2	L13077-01	10/9/2007	Ba-140	-2.60E+01	2.60E+01	1.10E+02
SE	SL-2	L13077-01	10/9/2007	Be-7	-8.00E+00	5.40E+01	2.00E+02
SE	SL-2	L13077-01	10/9/2007	Ce-141	9.40E+00	9.60E+00	3.20E+01
SE	SL-2	L13077-01	10/9/2007	Ce-144	6.00E+00	3.60E+01	1.30E+02
SE	SL-2	L13077-01	10/9/2007	Co-57	2.70E+00	4.70E+00	1.60E+01
SE	SL-2	L13077-01	10/9/2007	Co-58	-1.42E+01	6.10E+00	2.80E+01
SE	SL-2	L13077-01	10/9/2007	Co-60	8.30E+00	7.70E+00	2.70E+01
SE	SL-2	L13077-01	10/9/2007	Cr-51	1.40E+01	5.40E+01	1.90E+02
SE	SL-2	L13077-01	10/9/2007	Cs-134	-5.30E+00	9.40E+00	3.50E+01
SE	SL-2	L13077-01	10/9/2007	Cs-137	-2.00E-01	8.50E+00	3.10E+01
SE	SL-2	L13077-01	10/9/2007	Fe-59	-1.90E+01	1.70E+01	7.10E+01
SE	SL-2	L13077-01	10/9/2007	I-131	7.10E+00	9.30E+00	3.30E+01
SE	SL-2	L13077-01	10/9/2007	K-40	7.79E+03	3.90E+02	3.00E+02 *
SE	SL-2	L13077-01	10/9/2007	La-140	1.30E+01	1.40E+01	5.00E+01
SE	SL-2	L13077-01	10/9/2007	Mn-54	-4.00E+00	6.00E+00	2.50E+01
SE	SL-2	L13077-01	10/9/2007	Nb-95	-1.05E+01	8.00E+00	3.30E+01
SE	SL-2	L13077-01	10/9/2007	Ru-103	-1.00E+00	5.00E+00	2.00E+01
SE	SL-2	L13077-01	10/9/2007	Ru-106	3.20E+01	5.70E+01	2.00E+02
SE	SL-2	L13077-01	10/9/2007	Sb-124	0.00E+00	1.00E+01	4.80E+01
SE	SL-2	L13077-01	10/9/2007	Sb-125	7.00E+00	1.60E+01	5.80E+01
SE	SL-2	L13077-01	10/9/2007	Se-75	2.00E+00	6.50E+00	2.30E+01
SE	SL-2	L13077-01	10/9/2007	Zn-65	-2.00E+01	2.10E+01	8.20E+01
SE	SL-2	L13077-01	10/9/2007	Zr-95	-4.30E+00	9.70E+00	4.50E+01
SE	SL-3	L13077-02	10/9/2007	AcTh-228	5.10E+01	4.20E+01	1.40E+02
SE	SL-3	L13077-02	10/9/2007	Ag-108m	-5.80E+00	9.10E+00	3.50E+01
SE	SL-3	L13077-02	10/9/2007	Ag-110m	2.80E+00	8.50E+00	3.20E+01
SE	SL-3	L13077-02	10/9/2007	Ba-140	-1.20E+01	5.20E+01	2.00E+02
SE	SL-3	L13077-02	10/9/2007	Be-7	6.00E+01	1.00E+02	3.60E+02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
SE	SL-3	L13077-02	10/9/2007	Ce-141	-6.00E+01	1.70E+01	7.00E+01
SE	SL-3	L13077-02	10/9/2007	Ce-144	4.30E+01	7.00E+01	2.40E+02
SE	SL-3	L13077-02	10/9/2007	Co-57	-1.90E+00	8.50E+00	3.10E+01
SE	SL-3	L13077-02	10/9/2007	Co-58	-4.00E+00	1.10E+01	4.30E+01
SE	SL-3	L13077-02	10/9/2007	Co-60	-6.00E+00	1.00E+01	4.40E+01
SE	SL-3	L13077-02	10/9/2007	Cr-51	-3.90E+01	8.90E+01	3.40E+02
SE	SL-3	L13077-02	10/9/2007	Cs-134	3.30E+00	9.50E+00	3.50E+01
SE	SL-3	L13077-02	10/9/2007	Cs-137	-1.50E+01	1.10E+01	4.50E+01
SE	SL-3	L13077-02	10/9/2007	Fe-59	-1.00E+01	2.70E+01	1.00E+02
SE	SL-3	L13077-02	10/9/2007	I-131	2.40E+01	1.80E+01	5.90E+01
SE	SL-3	L13077-02	10/9/2007	K-40	7.10E+03	4.50E+02	4.20E+02 *
SE	SL-3	L13077-02	10/9/2007	La-140	0.00E+00	2.80E+01	1.00E+02
SE	SL-3	L13077-02	10/9/2007	Mn-54	8.20E+00	9.60E+00	3.40E+01
SE	SL-3	L13077-02	10/9/2007	Nb-95	-7.00E+00	1.20E+01	4.90E+01
SE	SL-3	L13077-02	10/9/2007	Ru-103	-1.80E+01	1.00E+01	4.40E+01
SE	SL-3	L13077-02	10/9/2007	Ru-106	-9.00E+01	1.10E+02	4.20E+02
SE	SL-3	L13077-02	10/9/2007	Sb-124	2.10E+01	1.20E+01	1.90E+01
SE	SL-3	L13077-02	10/9/2007	Sb-125	-4.40E+01	2.70E+01	1.10E+02
SE	SL-3	L13077-02	10/9/2007	Se-75	0.00E+00	1.40E+01	5.10E+01
SE	SL-3	L13077-02	10/9/2007	Zn-65	-7.10E+01	2.80E+01	1.20E+02
SE	SL-3	L13077-02	10/9/2007	Zr-95	1.00E+00	1.60E+01	7.40E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	EAST	L12487-01	5/30/2007	AcTh-228	-3.20E+01	4.30E+01	1.80E+02
TV	EAST	L12487-01	5/30/2007	Ag-108m	9.00E+00	1.10E+01	3.70E+01
TV	EAST	L12487-01	5/30/2007	Ag-110m	1.00E+01	1.50E+01	5.30E+01
TV	EAST	L12487-01	5/30/2007	Ba-140	3.40E+01	3.80E+01	1.40E+02
TV	EAST	L12487-01	5/30/2007	Be-7	2.60E+02	1.70E+02	5.70E+02
TV	EAST	L12487-01	5/30/2007	Ce-141	1.30E+01	1.90E+01	6.70E+01
TV	EAST	L12487-01	5/30/2007	Ce-144	-1.20E+01	5.60E+01	2.00E+02
TV	EAST	L12487-01	5/30/2007	Co-57	-3.00E+00	7.70E+00	2.80E+01
TV	EAST	L12487-01	5/30/2007	Co-58	-1.50E+01	1.30E+01	5.30E+01
TV	EAST	L12487-01	5/30/2007	Co-60	-1.90E+01	1.50E+01	6.30E+01
TV	EAST	L12487-01	5/30/2007	Cr-51	1.40E+02	1.30E+02	4.60E+02
TV	EAST	L12487-01	5/30/2007	Cs-134	1.30E+01	1.50E+01	5.10E+01
TV	EAST	L12487-01	5/30/2007	Cs-137	-2.00E+01	1.50E+01	6.00E+01
TV	EAST	L12487-01	5/30/2007	Fe-59	-4.80E+01	3.00E+01	1.30E+02
TV	EAST	L12487-01	5/30/2007	I-131	-7.20E+00	1.10E+00	4.80E+01
TV	EAST	L12487-01	5/30/2007	I-131	-5.00E+00	4.30E+01	1.60E+02
TV	EAST	L12487-01	5/30/2007	K-40	2.74E+03	3.50E+02	6.70E+02 *
TV	EAST	L12487-01	5/30/2007	La-140	3.90E+01	4.40E+01	1.60E+02
TV	EAST	L12487-01	5/30/2007	Mn-54	1.40E+01	1.20E+01	4.00E+01
TV	EAST	L12487-01	5/30/2007	Nb-95	1.30E+01	1.80E+01	6.20E+01
TV	EAST	L12487-01	5/30/2007	Ru-103	-1.80E+01	1.20E+01	5.20E+01
TV	EAST	L12487-01	5/30/2007	Ru-106	-2.00E+01	1.30E+02	4.70E+02
TV	EAST	L12487-01	5/30/2007	Sb-124	-3.00E+00	2.50E+01	1.10E+02
TV	EAST	L12487-01	5/30/2007	Sb-125	1.00E+01	3.10E+01	1.10E+02
TV	EAST	L12487-01	5/30/2007	Se-75	7.00E+00	1.50E+01	5.20E+01
TV	EAST	L12487-01	5/30/2007	Zn-65	-1.00E+00	3.40E+01	1.30E+02
TV	EAST	L12487-01	5/30/2007	Zr-95	9.00E+00	2.40E+01	8.90E+01
TV	MIDDLE	L12487-02	5/30/2007	AcTh-228	8.20E+01	5.00E+01	1.60E+02
TV	MIDDLE	L12487-02	5/30/2007	Ag-108m	-1.60E+01	1.10E+01	4.60E+01
TV	MIDDLE	L12487-02	5/30/2007	Ag-110m	-1.20E+01	1.40E+01	6.10E+01
TV	MIDDLE	L12487-02	5/30/2007	Ba-140	-3.70E+01	2.30E+01	1.20E+02
TV	MIDDLE	L12487-02	5/30/2007	Be-7	4.50E+02	1.30E+02	3.60E+02 *
TV	MIDDLE	L12487-02	5/30/2007	Ce-141	-2.40E+01	1.70E+01	6.80E+01
TV	MIDDLE	L12487-02	5/30/2007	Ce-144	-1.11E+02	6.10E+01	2.40E+02
TV	MIDDLE	L12487-02	5/30/2007	Co-57	1.60E+00	7.40E+00	2.70E+01
TV	MIDDLE	L12487-02	5/30/2007	Co-58	9.00E+00	1.40E+01	4.90E+01
TV	MIDDLE	L12487-02	5/30/2007	Co-60	4.00E+00	1.30E+01	5.20E+01
TV	MIDDLE	L12487-02	5/30/2007	Cr-51	1.30E+02	1.20E+02	3.90E+02
TV	MIDDLE	L12487-02	5/30/2007	Cs-134	4.20E+01	1.50E+01	3.80E+01
TV	MIDDLE	L12487-02	5/30/2007	Cs-137	4.00E+01	1.40E+01	3.70E+01
TV	MIDDLE	L12487-02	5/30/2007	Fe-59	-6.00E+00	2.80E+01	1.10E+02
TV	MIDDLE	L12487-02	5/30/2007	I-131	-6.50E+00	1.00E+00	4.50E+01

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	MIDDLE	L12487-02	5/30/2007	I-131	1.90E+01	4.00E+01	1.40E+02
TV	MIDDLE	L12487-02	5/30/2007	K-40	2.56E+03	3.50E+02	6.10E+02 *
TV	MIDDLE	L12487-02	5/30/2007	La-140	-4.30E+01	2.60E+01	1.40E+02
TV	MIDDLE	L12487-02	5/30/2007	Mn-54	2.00E+01	1.20E+01	3.70E+01
TV	MIDDLE	L12487-02	5/30/2007	Nb-95	-2.60E+01	1.90E+01	7.90E+01
TV	MIDDLE	L12487-02	5/30/2007	Ru-103	0.00E+00	1.50E+01	5.50E+01
TV	MIDDLE	L12487-02	5/30/2007	Ru-106	4.50E+01	9.40E+01	3.50E+02
TV	MIDDLE	L12487-02	5/30/2007	Sb-124	2.30E+01	2.80E+01	1.10E+02
TV	MIDDLE	L12487-02	5/30/2007	Sb-125	2.80E+01	3.00E+01	1.00E+02
TV	MIDDLE	L12487-02	5/30/2007	Se-75	1.00E+01	1.40E+01	4.80E+01
TV	MIDDLE	L12487-02	5/30/2007	Zn-65	-7.50E+01	3.20E+01	1.50E+02
TV	MIDDLE	L12487-02	5/30/2007	Zr-95	1.60E+01	2.80E+01	1.00E+02
TV	WEST	L12487-03	5/30/2007	AcTh-228	2.20E+01	4.30E+01	1.60E+02
TV	WEST	L12487-03	5/30/2007	Ag-108m	1.40E+01	1.00E+01	3.40E+01
TV	WEST	L12487-03	5/30/2007	Ag-110m	1.70E+01	1.60E+01	5.50E+01
TV	WEST	L12487-03	5/30/2007	Ba-140	1.60E+02	1.30E+02	4.50E+02
TV	WEST	L12487-03	5/30/2007	Be-7	5.00E+02	2.50E+02	7.90E+02
TV	WEST	L12487-03	5/30/2007	Ce-141	-1.18E+02	3.30E+01	1.30E+02
TV	WEST	L12487-03	5/30/2007	Ce-144	-1.10E+02	6.20E+01	2.40E+02
TV	WEST	L12487-03	5/30/2007	Co-57	-1.60E+00	7.90E+00	2.80E+01
TV	WEST	L12487-03	5/30/2007	Co-58	3.00E+00	1.70E+01	6.40E+01
TV	WEST	L12487-03	5/30/2007	Co-60	-9.00E+00	1.40E+01	5.70E+01
TV	WEST	L12487-03	5/30/2007	Cr-51	-1.20E+02	2.30E+02	8.60E+02
TV	WEST	L12487-03	5/30/2007	Cs-134	8.00E+00	1.30E+01	4.60E+01
TV	WEST	L12487-03	5/30/2007	Cs-137	2.29E+02	2.50E+01	4.40E+01 *
TV	WEST	L12487-03	5/30/2007	Fe-59	1.10E+01	5.30E+01	2.00E+02
TV	WEST	L12487-03	5/30/2007	I-131	0.00E+00	4.00E+02	1.50E+03
TV	WEST	L12487-03	5/30/2007	I-131	1.50E+00	9.40E+00	5.40E+01
TV	WEST	L12487-03	5/30/2007	K-40	4.47E+03	4.00E+02	5.60E+02 *
TV	WEST	L12487-03	5/30/2007	La-140	1.80E+02	1.50E+02	5.10E+02
TV	WEST	L12487-03	5/30/2007	Mn-54	0.00E+00	1.30E+01	5.00E+01
TV	WEST	L12487-03	5/30/2007	Nb-95	-5.80E+01	3.10E+01	1.30E+02
TV	WEST	L12487-03	5/30/2007	Ru-103	-1.50E+01	2.60E+01	9.90E+01
TV	WEST	L12487-03	5/30/2007	Ru-106	-2.50E+02	1.40E+02	5.50E+02
TV	WEST	L12487-03	5/30/2007	Sb-124	2.50E+01	4.60E+01	1.80E+02
TV	WEST	L12487-03	5/30/2007	Sb-125	-4.00E+00	3.10E+01	1.20E+02
TV	WEST	L12487-03	5/30/2007	Se-75	1.90E+01	1.80E+01	6.00E+01
TV	WEST	L12487-03	5/30/2007	Zn-65	1.40E+01	3.60E+01	1.30E+02
TV	WEST	L12487-03	5/30/2007	Zr-95	-7.40E+01	3.40E+01	1.40E+02
TV	TAKEN	L12487-04	5/30/2007	AcTh-228	-1.30E+01	4.00E+01	1.50E+02
TV	TAKEN	L12487-04	5/30/2007	Ag-108m	-1.20E+01	1.00E+01	3.80E+01
TV	TAKEN	L12487-04	5/30/2007	Ag-110m	9.00E+00	1.50E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	TAKEN	L12487-04	5/30/2007	Ba-140	-9.00E+00	2.20E+01	8.80E+01
TV	TAKEN	L12487-04	5/30/2007	Be-7	1.26E+03	1.60E+02	3.90E+02 *
TV	TAKEN	L12487-04	5/30/2007	Ce-141	-4.00E+00	1.60E+01	5.80E+01
TV	TAKEN	L12487-04	5/30/2007	Ce-144	-5.60E+01	5.50E+01	2.00E+02
TV	TAKEN	L12487-04	5/30/2007	Co-57	3.80E+00	7.30E+00	2.50E+01
TV	TAKEN	L12487-04	5/30/2007	Co-58	-2.00E+00	1.20E+01	4.40E+01
TV	TAKEN	L12487-04	5/30/2007	Co-60	-1.70E+01	1.30E+01	5.20E+01
TV	TAKEN	L12487-04	5/30/2007	Cr-51	2.00E+02	1.10E+02	3.60E+02
TV	TAKEN	L12487-04	5/30/2007	Cs-134	-2.00E+00	1.40E+01	5.10E+01
TV	TAKEN	L12487-04	5/30/2007	Cs-137	1.10E+01	1.20E+01	4.10E+01
TV	TAKEN	L12487-04	5/30/2007	Fe-59	-1.00E+00	2.70E+01	9.80E+01
TV	TAKEN	L12487-04	5/30/2007	I-131	-4.61E+00	7.10E-01	3.80E+01
TV	TAKEN	L12487-04	5/30/2007	I-131	-4.10E+01	3.90E+01	1.40E+02
TV	TAKEN	L12487-04	5/30/2007	K-40	6.05E+03	3.80E+02	4.90E+02 *
TV	TAKEN	L12487-04	5/30/2007	La-140	-1.10E+01	2.50E+01	1.00E+02
TV	TAKEN	L12487-04	5/30/2007	Mn-54	1.20E+01	1.10E+01	3.70E+01
TV	TAKEN	L12487-04	5/30/2007	Nb-95	-7.00E+00	1.50E+01	5.50E+01
TV	TAKEN	L12487-04	5/30/2007	Ru-103	-1.30E+01	1.20E+01	4.50E+01
TV	TAKEN	L12487-04	5/30/2007	Ru-106	2.50E+01	9.60E+01	3.50E+02
TV	TAKEN	L12487-04	5/30/2007	Sb-124	-2.00E+00	1.80E+01	7.70E+01
TV	TAKEN	L12487-04	5/30/2007	Sb-125	-1.00E+01	3.00E+01	1.10E+02
TV	TAKEN	L12487-04	5/30/2007	Se-75	1.40E+01	1.20E+01	4.20E+01
TV	TAKEN	L12487-04	5/30/2007	Zn-65	-2.00E+01	3.00E+01	1.10E+02
TV	TAKEN	L12487-04	5/30/2007	Zr-95	-9.00E+00	2.30E+01	8.50E+01
TV	SECTOR	L12635-01	6/29/2007	AcTh-228	9.00E+00	4.60E+01	1.70E+02
TV	SECTOR	L12635-01	6/29/2007	Ag-108m	-1.40E+00	9.50E+00	3.50E+01
TV	SECTOR	L12635-01	6/29/2007	Ag-110m	-1.60E+01	1.60E+01	6.60E+01
TV	SECTOR	L12635-01	6/29/2007	Ba-140	0.00E+00	2.60E+01	1.10E+02
TV	SECTOR	L12635-01	6/29/2007	Be-7	5.40E+02	1.60E+02	4.80E+02 *
TV	SECTOR	L12635-01	6/29/2007	Ce-141	1.60E+01	1.90E+01	6.60E+01
TV	SECTOR	L12635-01	6/29/2007	Ce-144	6.50E+01	5.80E+01	1.90E+02
TV	SECTOR	L12635-01	6/29/2007	Co-57	-7.00E+00	7.10E+00	2.60E+01
TV	SECTOR	L12635-01	6/29/2007	Co-58	-8.00E+00	1.40E+01	5.40E+01
TV	SECTOR	L12635-01	6/29/2007	Co-60	-1.40E+01	1.40E+01	6.10E+01
TV	SECTOR	L12635-01	6/29/2007	Cr-51	3.00E+01	1.30E+02	4.60E+02
TV	SECTOR	L12635-01	6/29/2007	Cs-134	-2.00E+00	1.30E+01	5.10E+01
TV	SECTOR	L12635-01	6/29/2007	Cs-137	1.40E+01	1.20E+01	3.90E+01
TV	SECTOR	L12635-01	6/29/2007	Fe-59	-1.70E+01	3.50E+01	1.40E+02
TV	SECTOR	L12635-01	6/29/2007	I-131	-1.72E+02	5.90E+01	2.50E+02
TV	SECTOR	L12635-01	6/29/2007	I-131	-4.00E-01	7.40E+00	4.50E+01
TV	SECTOR	L12635-01	6/29/2007	K-40	3.02E+03	3.40E+02	5.50E+02 *
TV	SECTOR	L12635-01	6/29/2007	La-140	0.00E+00	3.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L12635-01	6/29/2007	Mn-54	-9.00E+00	1.20E+01	4.90E+01
TV	SECTOR	L12635-01	6/29/2007	Nb-95	2.50E+01	1.80E+01	5.90E+01
TV	SECTOR	L12635-01	6/29/2007	Ru-103	1.30E+01	1.50E+01	5.00E+01
TV	SECTOR	L12635-01	6/29/2007	Ru-106	-1.70E+02	1.10E+02	4.60E+02
TV	SECTOR	L12635-01	6/29/2007	Sb-124	-1.90E+01	2.30E+01	1.10E+02
TV	SECTOR	L12635-01	6/29/2007	Sb-125	1.80E+01	2.70E+01	9.70E+01
TV	SECTOR	L12635-01	6/29/2007	Se-75	-1.30E+01	1.50E+01	5.50E+01
TV	SECTOR	L12635-01	6/29/2007	Zn-65	2.00E+01	3.10E+01	1.10E+02
TV	SECTOR	L12635-01	6/29/2007	Zr-95	0.00E+00	2.50E+01	9.50E+01
TV	SECTOR	L12635-02	6/29/2007	AcTh-228	-9.40E+01	5.30E+01	2.40E+02
TV	SECTOR	L12635-02	6/29/2007	Ag-108m	4.00E+00	8.40E+00	3.10E+01
TV	SECTOR	L12635-02	6/29/2007	Ag-110m	-9.00E+00	1.80E+01	7.50E+01
TV	SECTOR	L12635-02	6/29/2007	Ba-140	2.50E+01	4.30E+01	1.60E+02
TV	SECTOR	L12635-02	6/29/2007	Be-7	1.04E+03	2.10E+02	5.40E+02 *
TV	SECTOR	L12635-02	6/29/2007	Ce-141	-1.00E+01	2.10E+01	7.90E+01
TV	SECTOR	L12635-02	6/29/2007	Ce-144	5.70E+01	5.90E+01	2.00E+02
TV	SECTOR	L12635-02	6/29/2007	Co-57	-6.50E+00	6.90E+00	2.70E+01
TV	SECTOR	L12635-02	6/29/2007	Co-58	1.80E+01	1.50E+01	5.30E+01
TV	SECTOR	L12635-02	6/29/2007	Co-60	7.00E+00	1.50E+01	5.70E+01
TV	SECTOR	L12635-02	6/29/2007	Cr-51	-3.00E+02	1.40E+02	5.90E+02
TV	SECTOR	L12635-02	6/29/2007	Cs-134	1.70E+01	1.60E+01	5.40E+01
TV	SECTOR	L12635-02	6/29/2007	Cs-137	-1.00E+00	1.30E+01	5.20E+01
TV	SECTOR	L12635-02	6/29/2007	Fe-59	7.00E+00	2.00E+01	8.60E+01
TV	SECTOR	L12635-02	6/29/2007	I-131	3.00E+01	6.20E+01	2.20E+02
TV	SECTOR	L12635-02	6/29/2007	I-131	2.00E+00	7.10E+00	3.90E+01
TV	SECTOR	L12635-02	6/29/2007	K-40	1.98E+03	3.60E+02	8.20E+02 *
TV	SECTOR	L12635-02	6/29/2007	La-140	2.90E+01	5.00E+01	1.90E+02
TV	SECTOR	L12635-02	6/29/2007	Mn-54	-1.50E+01	1.30E+01	5.80E+01
TV	SECTOR	L12635-02	6/29/2007	Nb-95	1.90E+01	1.70E+01	5.80E+01
TV	SECTOR	L12635-02	6/29/2007	Ru-103	-8.00E+00	1.50E+01	6.00E+01
TV	SECTOR	L12635-02	6/29/2007	Ru-106	-2.00E+01	1.30E+02	5.00E+02
TV	SECTOR	L12635-02	6/29/2007	Sb-124	-2.60E+01	2.60E+01	1.40E+02
TV	SECTOR	L12635-02	6/29/2007	Sb-125	0.00E+00	2.90E+01	1.10E+02
TV	SECTOR	L12635-02	6/29/2007	Se-75	0.00E+00	1.50E+01	5.60E+01
TV	SECTOR	L12635-02	6/29/2007	Zn-65	-1.20E+01	2.20E+01	9.90E+01
TV	SECTOR	L12635-02	6/29/2007	Zr-95	4.30E+01	2.40E+01	7.30E+01
TV	SECTOR	L12635-03	6/29/2007	AcTh-228	-3.00E+01	3.30E+01	1.40E+02
TV	SECTOR	L12635-03	6/29/2007	Ag-108m	2.00E-01	9.70E+00	3.60E+01
TV	SECTOR	L12635-03	6/29/2007	Ag-110m	1.30E+01	1.30E+01	4.40E+01
TV	SECTOR	L12635-03	6/29/2007	Ba-140	3.70E+01	1.90E+01	2.50E+01
TV	SECTOR	L12635-03	6/29/2007	Be-7	1.13E+03	1.80E+02	4.20E+02 *
TV	SECTOR	L12635-03	6/29/2007	Ce-141	4.00E+00	1.70E+01	6.10E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L12635-03	6/29/2007	Ce-144	-6.00E+00	4.90E+01	1.80E+02
TV	SECTOR	L12635-03	6/29/2007	Co-57	3.00E+00	5.50E+00	1.90E+01
TV	SECTOR	L12635-03	6/29/2007	Co-58	-7.80E+00	9.40E+00	4.10E+01
TV	SECTOR	L12635-03	6/29/2007	Co-60	3.20E+00	8.50E+00	3.40E+01
TV	SECTOR	L12635-03	6/29/2007	Cr-51	9.40E+01	9.10E+01	3.10E+02
TV	SECTOR	L12635-03	6/29/2007	Cs-134	-2.50E+00	9.80E+00	4.00E+01
TV	SECTOR	L12635-03	6/29/2007	Cs-137	1.00E+00	1.30E+01	4.80E+01
TV	SECTOR	L12635-03	6/29/2007	Fe-59	4.20E+01	2.60E+01	8.40E+01
TV	SECTOR	L12635-03	6/29/2007	I-131	-4.28E+00	9.40E-01	3.90E+01
TV	SECTOR	L12635-03	6/29/2007	I-131	1.50E+01	4.20E+01	1.50E+02
TV	SECTOR	L12635-03	6/29/2007	K-40	1.90E+03	2.90E+02	5.60E+02 *
TV	SECTOR	L12635-03	6/29/2007	La-140	4.30E+01	2.10E+01	2.90E+01
TV	SECTOR	L12635-03	6/29/2007	Mn-54	-2.00E+00	1.10E+01	4.20E+01
TV	SECTOR	L12635-03	6/29/2007	Nb-95	8.00E+00	1.40E+01	5.00E+01
TV	SECTOR	L12635-03	6/29/2007	Ru-103	4.00E+00	1.10E+01	4.30E+01
TV	SECTOR	L12635-03	6/29/2007	Ru-106	1.70E+02	1.00E+02	3.20E+02
TV	SECTOR	L12635-03	6/29/2007	Sb-124	-3.40E+01	2.80E+01	1.40E+02
TV	SECTOR	L12635-03	6/29/2007	Sb-125	-2.10E+01	2.70E+01	1.10E+02
TV	SECTOR	L12635-03	6/29/2007	Se-75	2.00E+00	1.10E+01	3.90E+01
TV	SECTOR	L12635-03	6/29/2007	Zn-65	-9.00E+00	1.80E+01	8.10E+01
TV	SECTOR	L12635-03	6/29/2007	Zr-95	-1.40E+01	1.90E+01	7.90E+01
TV	SECTOR	L12635-04	6/29/2007	AcTh-228	6.90E+01	4.50E+01	1.50E+02
TV	SECTOR	L12635-04	6/29/2007	Ag-108m	-8.00E+00	1.00E+01	4.10E+01
TV	SECTOR	L12635-04	6/29/2007	Ag-110m	4.00E+00	1.80E+01	6.90E+01
TV	SECTOR	L12635-04	6/29/2007	Ba-140	5.90E+01	3.60E+01	1.10E+02
TV	SECTOR	L12635-04	6/29/2007	Be-7	6.70E+02	2.00E+02	5.80E+02 *
TV	SECTOR	L12635-04	6/29/2007	Ce-141	1.50E+01	2.00E+01	6.80E+01
TV	SECTOR	L12635-04	6/29/2007	Ce-144	3.00E+00	5.50E+01	2.00E+02
TV	SECTOR	L12635-04	6/29/2007	Co-57	3.30E+00	7.20E+00	2.50E+01
TV	SECTOR	L12635-04	6/29/2007	Co-58	1.70E+01	1.40E+01	4.70E+01
TV	SECTOR	L12635-04	6/29/2007	Co-60	3.10E+01	1.60E+01	4.70E+01
TV	SECTOR	L12635-04	6/29/2007	Cr-51	9.00E+01	1.60E+02	5.50E+02
TV	SECTOR	L12635-04	6/29/2007	Cs-134	-3.00E+00	1.40E+01	5.70E+01
TV	SECTOR	L12635-04	6/29/2007	Cs-137	-2.50E+01	1.20E+01	5.60E+01
TV	SECTOR	L12635-04	6/29/2007	Fe-59	-3.40E+01	3.50E+01	1.50E+02
TV	SECTOR	L12635-04	6/29/2007	I-131	1.90E+01	5.10E+01	1.90E+02
TV	SECTOR	L12635-04	6/29/2007	I-131	8.00E-01	8.20E+00	4.80E+01
TV	SECTOR	L12635-04	6/29/2007	K-40	2.93E+03	3.90E+02	6.60E+02 *
TV	SECTOR	L12635-04	6/29/2007	La-140	6.80E+01	4.10E+01	1.30E+02
TV	SECTOR	L12635-04	6/29/2007	Mn-54	-3.00E+00	1.50E+01	5.80E+01
TV	SECTOR	L12635-04	6/29/2007	Nb-95	1.80E+01	1.80E+01	6.30E+01
TV	SECTOR	L12635-04	6/29/2007	Ru-103	3.70E+01	1.80E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L12635-04	6/29/2007	Ru-106	-2.20E+02	1.20E+02	5.20E+02
TV	SECTOR	L12635-04	6/29/2007	Sb-124	-1.20E+01	2.80E+01	1.30E+02
TV	SECTOR	L12635-04	6/29/2007	Sb-125	-1.80E+01	2.70E+01	1.10E+02
TV	SECTOR	L12635-04	6/29/2007	Se-75	2.00E+00	1.40E+01	5.20E+01
TV	SECTOR	L12635-04	6/29/2007	Zn-65	-4.60E+01	3.10E+01	1.40E+02
TV	SECTOR	L12635-04	6/29/2007	Zr-95	0.00E+00	2.30E+01	9.30E+01
TV	LIVINGS	L12750-01	7/30/2007	AcTh-228	-2.00E+00	4.40E+01	1.60E+02
TV	LIVINGS	L12750-01	7/30/2007	Ag-108m	-1.24E+01	8.80E+00	3.50E+01
TV	LIVINGS	L12750-01	7/30/2007	Ag-110m	-1.00E+01	1.70E+01	6.30E+01
TV	LIVINGS	L12750-01	7/30/2007	Ba-140	1.20E+01	1.50E+01	5.60E+01
TV	LIVINGS	L12750-01	7/30/2007	Be-7	1.90E+03	1.90E+02	4.30E+02 *
TV	LIVINGS	L12750-01	7/30/2007	Ce-141	-3.50E+01	1.50E+01	5.80E+01
TV	LIVINGS	L12750-01	7/30/2007	Ce-144	6.30E+01	5.40E+01	1.80E+02
TV	LIVINGS	L12750-01	7/30/2007	Co-57	3.90E+00	6.60E+00	2.30E+01
TV	LIVINGS	L12750-01	7/30/2007	Co-58	2.00E+00	1.30E+01	4.80E+01
TV	LIVINGS	L12750-01	7/30/2007	Co-60	7.00E+00	1.00E+01	3.80E+01
TV	LIVINGS	L12750-01	7/30/2007	Cr-51	-5.00E+01	1.00E+02	3.70E+02
TV	LIVINGS	L12750-01	7/30/2007	Cs-134	4.00E+00	1.40E+01	5.00E+01
TV	LIVINGS	L12750-01	7/30/2007	Cs-137	1.90E+01	1.20E+01	4.00E+01
TV	LIVINGS	L12750-01	7/30/2007	Fe-59	1.20E+01	2.80E+01	1.00E+02
TV	LIVINGS	L12750-01	7/30/2007	I-131	-8.80E+00	1.50E+00	4.00E+01
TV	LIVINGS	L12750-01	7/30/2007	I-131	0.00E+00	2.00E+01	7.30E+01
TV	LIVINGS	L12750-01	7/30/2007	K-40	2.74E+03	3.30E+02	7.40E+02 *
TV	LIVINGS	L12750-01	7/30/2007	La-140	1.40E+01	1.80E+01	6.40E+01
TV	LIVINGS	L12750-01	7/30/2007	Mn-54	-7.00E+00	1.10E+01	4.30E+01
TV	LIVINGS	L12750-01	7/30/2007	Nb-95	6.00E+00	1.40E+01	4.90E+01
TV	LIVINGS	L12750-01	7/30/2007	Ru-103	0.00E+00	1.20E+01	4.40E+01
TV	LIVINGS	L12750-01	7/30/2007	Ru-106	-6.00E+01	1.10E+02	4.20E+02
TV	LIVINGS	L12750-01	7/30/2007	Sb-124	-7.00E+00	2.00E+01	8.60E+01
TV	LIVINGS	L12750-01	7/30/2007	Sb-125	-1.00E+01	3.10E+01	1.10E+02
TV	LIVINGS	L12750-01	7/30/2007	Se-75	9.00E+00	1.50E+01	5.00E+01
TV	LIVINGS	L12750-01	7/30/2007	Zn-65	-1.40E+01	2.80E+01	1.10E+02
TV	LIVINGS	L12750-01	7/30/2007	Zr-95	-6.00E+00	2.00E+01	7.40E+01
TV	LIVINGS	L12750-02	7/30/2007	AcTh-228	-7.00E+01	3.50E+01	1.50E+02
TV	LIVINGS	L12750-02	7/30/2007	Ag-108m	-3.10E+00	7.50E+00	2.80E+01
TV	LIVINGS	L12750-02	7/30/2007	Ag-110m	0.00E+00	1.20E+01	4.60E+01
TV	LIVINGS	L12750-02	7/30/2007	Ba-140	-4.00E+00	1.30E+01	5.50E+01
TV	LIVINGS	L12750-02	7/30/2007	Be-7	1.16E+03	1.50E+02	3.60E+02 *
TV	LIVINGS	L12750-02	7/30/2007	Ce-141	-1.70E+01	1.30E+01	4.80E+01
TV	LIVINGS	L12750-02	7/30/2007	Ce-144	1.50E+01	4.50E+01	1.60E+02
TV	LIVINGS	L12750-02	7/30/2007	Co-57	3.40E+00	5.50E+00	1.90E+01
TV	LIVINGS	L12750-02	7/30/2007	Co-58	-1.33E+01	9.10E+00	3.80E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	LIVINGS	L12750-02	7/30/2007	Co-60	-1.20E+01	1.10E+01	4.50E+01
TV	LIVINGS	L12750-02	7/30/2007	Cr-51	-1.81E+02	9.20E+01	3.60E+02
TV	LIVINGS	L12750-02	7/30/2007	Cs-134	3.00E+00	1.00E+01	3.80E+01
TV	LIVINGS	L12750-02	7/30/2007	Cs-137	1.30E+01	9.90E+00	3.30E+01
TV	LIVINGS	L12750-02	7/30/2007	Fe-59	1.00E+00	2.20E+01	8.20E+01
TV	LIVINGS	L12750-02	7/30/2007	I-131	-2.30E+01	1.80E+01	7.00E+01
TV	LIVINGS	L12750-02	7/30/2007	I-131	2.70E+00	8.20E+00	3.90E+01
TV	LIVINGS	L12750-02	7/30/2007	K-40	1.67E+03	2.50E+02	5.80E+02 *
TV	LIVINGS	L12750-02	7/30/2007	La-140	-5.00E+00	1.50E+01	6.40E+01
TV	LIVINGS	L12750-02	7/30/2007	Mn-54	-1.60E+00	8.70E+00	3.30E+01
TV	LIVINGS	L12750-02	7/30/2007	Nb-95	-1.00E+00	1.10E+01	4.00E+01
TV	LIVINGS	L12750-02	7/30/2007	Ru-103	7.00E+00	1.10E+01	3.80E+01
TV	LIVINGS	L12750-02	7/30/2007	Ru-106	-1.00E+01	1.00E+02	3.80E+02
TV	LIVINGS	L12750-02	7/30/2007	Sb-124	-1.20E+01	2.10E+01	9.10E+01
TV	LIVINGS	L12750-02	7/30/2007	Sb-125	3.00E+00	2.30E+01	8.30E+01
TV	LIVINGS	L12750-02	7/30/2007	Se-75	1.10E+01	1.20E+01	3.90E+01
TV	LIVINGS	L12750-02	7/30/2007	Zn-65	1.80E+01	2.20E+01	7.60E+01
TV	LIVINGS	L12750-02	7/30/2007	Zr-95	-1.70E+01	1.70E+01	6.90E+01
TV	LIVINGS	L12750-03	7/30/2007	AcTh-228	5.70E+01	3.70E+01	1.20E+02
TV	LIVINGS	L12750-03	7/30/2007	Ag-108m	-1.52E+01	8.70E+00	3.40E+01
TV	LIVINGS	L12750-03	7/30/2007	Ag-110m	-2.10E+01	1.20E+01	5.10E+01
TV	LIVINGS	L12750-03	7/30/2007	Ba-140	6.00E+00	1.60E+01	6.10E+01
TV	LIVINGS	L12750-03	7/30/2007	Be-7	1.69E+03	1.80E+02	4.00E+02 *
TV	LIVINGS	L12750-03	7/30/2007	Ce-141	-1.90E+01	1.40E+01	5.10E+01
TV	LIVINGS	L12750-03	7/30/2007	Ce-144	-7.10E+01	4.70E+01	1.80E+02
TV	LIVINGS	L12750-03	7/30/2007	Co-57	-8.40E+00	5.60E+00	2.10E+01
TV	LIVINGS	L12750-03	7/30/2007	Co-58	-6.80E+00	8.30E+00	3.40E+01
TV	LIVINGS	L12750-03	7/30/2007	Co-60	1.60E+01	1.00E+01	3.40E+01
TV	LIVINGS	L12750-03	7/30/2007	Cr-51	-3.00E+01	1.10E+02	3.90E+02
TV	LIVINGS	L12750-03	7/30/2007	Cs-134	-1.30E+01	1.20E+01	4.70E+01
TV	LIVINGS	L12750-03	7/30/2007	Cs-137	1.60E+01	1.10E+01	3.80E+01
TV	LIVINGS	L12750-03	7/30/2007	Fe-59	-3.70E+01	2.30E+01	9.80E+01
TV	LIVINGS	L12750-03	7/30/2007	I-131	-1.01E+01	6.70E+00	5.10E+01
TV	LIVINGS	L12750-03	7/30/2007	I-131	3.40E+01	2.30E+01	7.60E+01
TV	LIVINGS	L12750-03	7/30/2007	K-40	1.80E+03	2.50E+02	5.40E+02 *
TV	LIVINGS	L12750-03	7/30/2007	La-140	7.00E+00	1.80E+01	7.10E+01
TV	LIVINGS	L12750-03	7/30/2007	Mn-54	1.60E+00	9.50E+00	3.50E+01
TV	LIVINGS	L12750-03	7/30/2007	Nb-95	1.10E+01	1.20E+01	4.10E+01
TV	LIVINGS	L12750-03	7/30/2007	Ru-103	0.00E+00	1.00E+01	3.70E+01
TV	LIVINGS	L12750-03	7/30/2007	Ru-106	3.90E+01	9.80E+01	3.50E+02
TV	LIVINGS	L12750-03	7/30/2007	Sb-124	-9.00E+00	1.80E+01	8.00E+01
TV	LIVINGS	L12750-03	7/30/2007	Sb-125	-6.10E+01	3.00E+01	1.20E+02

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	LIVINGS	L12750-03	7/30/2007	Se-75	-2.90E+01	1.10E+01	4.50E+01
TV	LIVINGS	L12750-03	7/30/2007	Zn-65	3.90E+01	2.30E+01	7.50E+01
TV	LIVINGS	L12750-03	7/30/2007	Zr-95	2.90E+01	1.80E+01	5.70E+01
TV	SECTOR	L12750-04	7/30/2007	AcTh-228	-3.30E+01	4.30E+01	1.70E+02
TV	SECTOR	L12750-04	7/30/2007	Ag-108m	1.41E+01	8.60E+00	2.80E+01
TV	SECTOR	L12750-04	7/30/2007	Ag-110m	8.00E+00	1.50E+01	5.50E+01
TV	SECTOR	L12750-04	7/30/2007	Ba-140	-3.30E+01	1.80E+01	8.90E+01
TV	SECTOR	L12750-04	7/30/2007	Be-7	7.80E+02	1.50E+02	4.10E+02 *
TV	SECTOR	L12750-04	7/30/2007	Ce-141	1.80E+01	1.20E+01	4.00E+01
TV	SECTOR	L12750-04	7/30/2007	Ce-144	-1.30E+01	4.70E+01	1.70E+02
TV	SECTOR	L12750-04	7/30/2007	Co-57	5.90E+00	5.50E+00	1.80E+01
TV	SECTOR	L12750-04	7/30/2007	Co-58	1.00E+00	1.10E+01	4.10E+01
TV	SECTOR	L12750-04	7/30/2007	Co-60	-2.00E+00	1.10E+01	4.60E+01
TV	SECTOR	L12750-04	7/30/2007	Cr-51	9.00E+00	8.60E+01	3.10E+02
TV	SECTOR	L12750-04	7/30/2007	Cs-134	1.00E+01	1.00E+01	3.70E+01
TV	SECTOR	L12750-04	7/30/2007	Cs-137	6.00E+00	1.10E+01	3.90E+01
TV	SECTOR	L12750-04	7/30/2007	Fe-59	0.00E+00	2.60E+01	9.90E+01
TV	SECTOR	L12750-04	7/30/2007	I-131	1.50E+01	1.50E+01	5.00E+01
TV	SECTOR	L12750-04	7/30/2007	I-131	-2.30E+00	4.40E+00	2.90E+01
TV	SECTOR	L12750-04	7/30/2007	K-40	2.88E+03	3.50E+02	6.50E+02 *
TV	SECTOR	L12750-04	7/30/2007	La-140	-3.80E+01	2.10E+01	1.00E+02
TV	SECTOR	L12750-04	7/30/2007	Mn-54	-1.30E+01	1.10E+01	4.50E+01
TV	SECTOR	L12750-04	7/30/2007	Nb-95	6.00E+00	1.10E+01	4.00E+01
TV	SECTOR	L12750-04	7/30/2007	Ru-103	2.00E+00	1.10E+01	4.00E+01
TV	SECTOR	L12750-04	7/30/2007	Ru-106	6.70E+01	9.10E+01	3.20E+02
TV	SECTOR	L12750-04	7/30/2007	Sb-124	0.00E+00	3.20E+01	1.30E+02
TV	SECTOR	L12750-04	7/30/2007	Sb-125	-6.00E+00	2.70E+01	1.00E+02
TV	SECTOR	L12750-04	7/30/2007	Se-75	-2.40E+00	9.50E+00	3.50E+01
TV	SECTOR	L12750-04	7/30/2007	Zn-65	-1.70E+01	2.90E+01	1.20E+02
TV	SECTOR	L12750-04	7/30/2007	Zr-95	-1.10E+01	2.00E+01	7.90E+01
TV	SECTOR	L12904-01	8/30/2007	AcTh-228	6.10E+01	5.40E+01	1.80E+02
TV	SECTOR	L12904-01	8/30/2007	Ag-108m	8.00E+00	8.80E+00	3.00E+01
TV	SECTOR	L12904-01	8/30/2007	Ag-110m	-1.70E+01	1.70E+01	6.70E+01
TV	SECTOR	L12904-01	8/30/2007	Ba-140	-2.90E+01	2.60E+01	1.10E+02
TV	SECTOR	L12904-01	8/30/2007	Be-7	2.26E+03	2.10E+02	5.00E+02 *
TV	SECTOR	L12904-01	8/30/2007	Ce-141	5.00E+00	1.60E+01	5.60E+01
TV	SECTOR	L12904-01	8/30/2007	Ce-144	4.10E+01	5.10E+01	1.70E+02
TV	SECTOR	L12904-01	8/30/2007	Co-57	1.13E+01	5.80E+00	1.90E+01
TV	SECTOR	L12904-01	8/30/2007	Co-58	1.10E+01	1.40E+01	4.70E+01
TV	SECTOR	L12904-01	8/30/2007	Co-60	-1.10E+01	1.60E+01	6.30E+01
TV	SECTOR	L12904-01	8/30/2007	Cr-51	1.80E+02	1.30E+02	4.10E+02
TV	SECTOR	L12904-01	8/30/2007	Cs-134	-1.40E+01	1.20E+01	4.70E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L12904-01	8/30/2007	Cs-137	8.00E+00	1.40E+01	4.80E+01
TV	SECTOR	L12904-01	8/30/2007	Fe-59	-9.00E+00	3.10E+01	1.20E+02
TV	SECTOR	L12904-01	8/30/2007	I-131	0.00E+00	3.60E+01	1.30E+02
TV	SECTOR	L12904-01	8/30/2007	I-131	6.60E+00	9.80E+00	4.20E+01
TV	SECTOR	L12904-01	8/30/2007	K-40	3.57E+03	3.50E+02	6.70E+02 *
TV	SECTOR	L12904-01	8/30/2007	La-140	-3.40E+01	3.00E+01	1.30E+02
TV	SECTOR	L12904-01	8/30/2007	Mn-54	1.20E+01	1.30E+01	4.40E+01
TV	SECTOR	L12904-01	8/30/2007	Nb-95	-1.00E+00	1.50E+01	5.50E+01
TV	SECTOR	L12904-01	8/30/2007	Ru-103	-2.00E+01	1.30E+01	5.00E+01
TV	SECTOR	L12904-01	8/30/2007	Ru-106	-8.00E+01	1.10E+02	4.00E+02
TV	SECTOR	L12904-01	8/30/2007	Sb-124	-1.50E+01	3.40E+01	1.40E+02
TV	SECTOR	L12904-01	8/30/2007	Sb-125	2.90E+01	2.70E+01	9.00E+01
TV	SECTOR	L12904-01	8/30/2007	Se-75	7.00E+00	1.20E+01	4.00E+01
TV	SECTOR	L12904-01	8/30/2007	Zn-65	3.00E+01	2.10E+01	7.00E+01
TV	SECTOR	L12904-01	8/30/2007	Zr-95	-3.00E+01	2.30E+01	9.10E+01
TV	SECTOR	L12904-02	8/30/2007	AcTh-228	1.60E+01	5.70E+01	2.10E+02
TV	SECTOR	L12904-02	8/30/2007	Ag-108m	2.40E+01	1.20E+01	4.00E+01
TV	SECTOR	L12904-02	8/30/2007	Ag-110m	1.40E+01	2.10E+01	7.50E+01
TV	SECTOR	L12904-02	8/30/2007	Ba-140	3.10E+01	3.10E+01	1.10E+02
TV	SECTOR	L12904-02	8/30/2007	Be-7	3.91E+03	3.10E+02	6.20E+02 *
TV	SECTOR	L12904-02	8/30/2007	Ce-141	-2.50E+01	2.50E+01	9.00E+01
TV	SECTOR	L12904-02	8/30/2007	Ce-144	4.40E+01	7.90E+01	2.70E+02
TV	SECTOR	L12904-02	8/30/2007	Co-57	-2.10E+00	8.60E+00	3.10E+01
TV	SECTOR	L12904-02	8/30/2007	Co-58	-8.00E+00	1.40E+01	5.70E+01
TV	SECTOR	L12904-02	8/30/2007	Co-60	-1.20E+01	1.50E+01	6.20E+01
TV	SECTOR	L12904-02	8/30/2007	Cr-51	3.00E+01	1.40E+02	5.10E+02
TV	SECTOR	L12904-02	8/30/2007	Cs-134	3.10E+01	1.40E+01	4.10E+01
TV	SECTOR	L12904-02	8/30/2007	Cs-137	1.30E+01	1.50E+01	5.20E+01
TV	SECTOR	L12904-02	8/30/2007	Fe-59	-4.50E+01	3.70E+01	1.50E+02
TV	SECTOR	L12904-02	8/30/2007	I-131	1.80E+01	1.60E+01	5.50E+01
TV	SECTOR	L12904-02	8/30/2007	I-131	4.30E+01	4.70E+01	1.60E+02
TV	SECTOR	L12904-02	8/30/2007	K-40	2.35E+03	3.40E+02	7.40E+02 *
TV	SECTOR	L12904-02	8/30/2007	La-140	3.60E+01	3.60E+01	1.30E+02
TV	SECTOR	L12904-02	8/30/2007	Mn-54	-9.00E+00	1.60E+01	6.10E+01
TV	SECTOR	L12904-02	8/30/2007	Nb-95	-6.00E+00	2.10E+01	7.90E+01
TV	SECTOR	L12904-02	8/30/2007	Ru-103	3.00E+00	1.70E+01	6.10E+01
TV	SECTOR	L12904-02	8/30/2007	Ru-106	8.00E+01	1.30E+02	4.60E+02
TV	SECTOR	L12904-02	8/30/2007	Sb-124	1.90E+01	3.00E+01	1.20E+02
TV	SECTOR	L12904-02	8/30/2007	Sb-125	4.70E+01	3.70E+01	1.20E+02
TV	SECTOR	L12904-02	8/30/2007	Se-75	7.00E+00	2.00E+01	6.90E+01
TV	SECTOR	L12904-02	8/30/2007	Zn-65	-3.50E+01	5.70E+01	2.20E+02
TV	SECTOR	L12904-02	8/30/2007	Zr-95	5.40E+01	2.60E+01	8.20E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L12904-03	8/30/2007	AcTh-228	-1.60E+01	5.20E+01	1.90E+02
TV	SECTOR	L12904-03	8/30/2007	Ag-108m	1.80E+01	1.00E+01	3.30E+01
TV	SECTOR	L12904-03	8/30/2007	Ag-110m	3.00E+01	1.90E+01	6.00E+01
TV	SECTOR	L12904-03	8/30/2007	Ba-140	-6.00E+00	3.10E+01	1.20E+02
TV	SECTOR	L12904-03	8/30/2007	Be-7	2.59E+03	2.20E+02	4.50E+02 *
TV	SECTOR	L12904-03	8/30/2007	Ce-141	2.00E+00	1.70E+01	6.00E+01
TV	SECTOR	L12904-03	8/30/2007	Ce-144	3.10E+01	5.80E+01	2.00E+02
TV	SECTOR	L12904-03	8/30/2007	Co-57	3.50E+00	6.50E+00	2.20E+01
TV	SECTOR	L12904-03	8/30/2007	Co-58	-1.50E+01	1.60E+01	6.10E+01
TV	SECTOR	L12904-03	8/30/2007	Co-60	4.00E+00	1.60E+01	6.00E+01
TV	SECTOR	L12904-03	8/30/2007	Cr-51	2.00E+01	1.10E+02	4.00E+02
TV	SECTOR	L12904-03	8/30/2007	Cs-134	-7.00E+00	1.40E+01	5.50E+01
TV	SECTOR	L12904-03	8/30/2007	Cs-137	0.00E+00	1.20E+01	4.40E+01
TV	SECTOR	L12904-03	8/30/2007	Fe-59	-1.60E+01	3.20E+01	1.20E+02
TV	SECTOR	L12904-03	8/30/2007	I-131	1.00E+00	3.50E+01	1.30E+02
TV	SECTOR	L12904-03	8/30/2007	I-131	-3.00E+00	1.00E+01	5.40E+01
TV	SECTOR	L12904-03	8/30/2007	K-40	4.07E+03	4.00E+02	7.20E+02 *
TV	SECTOR	L12904-03	8/30/2007	La-140	-6.00E+00	3.50E+01	1.40E+02
TV	SECTOR	L12904-03	8/30/2007	Mn-54	1.50E+01	1.20E+01	4.00E+01
TV	SECTOR	L12904-03	8/30/2007	Nb-95	1.80E+01	1.70E+01	5.90E+01
TV	SECTOR	L12904-03	8/30/2007	Ru-103	-8.00E+00	1.40E+01	5.40E+01
TV	SECTOR	L12904-03	8/30/2007	Ru-106	9.00E+01	1.00E+02	3.50E+02
TV	SECTOR	L12904-03	8/30/2007	Sb-124	0.00E+00	3.50E+01	1.40E+02
TV	SECTOR	L12904-03	8/30/2007	Sb-125	-1.00E+01	2.90E+01	1.10E+02
TV	SECTOR	L12904-03	8/30/2007	Se-75	5.00E+00	1.30E+01	4.40E+01
TV	SECTOR	L12904-03	8/30/2007	Zn-65	1.00E+01	3.50E+01	1.30E+02
TV	SECTOR	L12904-03	8/30/2007	Zr-95	-1.00E+00	2.50E+01	9.10E+01
TV	SECTOR	L12904-04	8/30/2007	AcTh-228	5.60E+01	4.60E+01	1.50E+02
TV	SECTOR	L12904-04	8/30/2007	Ag-108m	7.80E+00	8.90E+00	3.00E+01
TV	SECTOR	L12904-04	8/30/2007	Ag-110m	1.30E+01	1.50E+01	5.20E+01
TV	SECTOR	L12904-04	8/30/2007	Ba-140	3.40E+01	2.70E+01	9.00E+01
TV	SECTOR	L12904-04	8/30/2007	Be-7	1.53E+03	1.90E+02	4.40E+02 *
TV	SECTOR	L12904-04	8/30/2007	Ce-141	-3.20E+01	1.60E+01	6.20E+01
TV	SECTOR	L12904-04	8/30/2007	Ce-144	1.50E+01	5.20E+01	1.80E+02
TV	SECTOR	L12904-04	8/30/2007	Co-57	6.40E+00	6.80E+00	2.30E+01
TV	SECTOR	L12904-04	8/30/2007	Co-58	-1.00E+01	1.20E+01	4.60E+01
TV	SECTOR	L12904-04	8/30/2007	Co-60	1.50E+01	1.00E+01	3.40E+01
TV	SECTOR	L12904-04	8/30/2007	Cr-51	-1.20E+02	1.20E+02	4.30E+02
TV	SECTOR	L12904-04	8/30/2007	Cs-134	-4.00E+00	1.30E+01	4.90E+01
TV	SECTOR	L12904-04	8/30/2007	Cs-137	-3.00E+00	1.00E+01	4.00E+01
TV	SECTOR	L12904-04	8/30/2007	Fe-59	2.60E+01	3.00E+01	1.00E+02
TV	SECTOR	L12904-04	8/30/2007	I-131	-1.38E+01	6.10E+00	5.00E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L12904-04	8/30/2007	I-131	2.70E+01	3.40E+01	1.20E+02
TV	SECTOR	L12904-04	8/30/2007	K-40	3.27E+03	3.10E+02	4.90E+02 *
TV	SECTOR	L12904-04	8/30/2007	La-140	3.90E+01	3.10E+01	1.00E+02
TV	SECTOR	L12904-04	8/30/2007	Mn-54	1.40E+01	1.20E+01	4.30E+01
TV	SECTOR	L12904-04	8/30/2007	Nb-95	3.00E+00	1.40E+01	5.20E+01
TV	SECTOR	L12904-04	8/30/2007	Ru-103	-5.00E+00	1.40E+01	5.30E+01
TV	SECTOR	L12904-04	8/30/2007	Ru-106	-4.00E+01	1.00E+02	3.80E+02
TV	SECTOR	L12904-04	8/30/2007	Sb-124	0.00E+00	2.00E+01	8.50E+01
TV	SECTOR	L12904-04	8/30/2007	Sb-125	-7.00E+00	2.70E+01	1.00E+02
TV	SECTOR	L12904-04	8/30/2007	Se-75	2.50E+01	1.30E+01	4.30E+01
TV	SECTOR	L12904-04	8/30/2007	Zn-65	3.60E+01	4.50E+01	1.50E+02
TV	SECTOR	L12904-04	8/30/2007	Zr-95	-4.00E+01	2.00E+01	8.60E+01
TV	SECTOR	L13033-01	9/27/2007	AcTh-228	7.80E+01	3.30E+01	1.00E+02
TV	SECTOR	L13033-01	9/27/2007	Ag-108m	-2.20E+00	6.80E+00	2.40E+01
TV	SECTOR	L13033-01	9/27/2007	Ag-110m	8.00E+00	1.10E+01	3.90E+01
TV	SECTOR	L13033-01	9/27/2007	Ba-140	-8.00E+00	2.20E+01	8.60E+01
TV	SECTOR	L13033-01	9/27/2007	Be-7	1.75E+03	1.50E+02	3.60E+02 *
TV	SECTOR	L13033-01	9/27/2007	Ce-141	2.80E+01	1.50E+01	4.80E+01
TV	SECTOR	L13033-01	9/27/2007	Ce-144	-8.00E+00	4.00E+01	1.40E+02
TV	SECTOR	L13033-01	9/27/2007	Co-57	4.00E-01	4.90E+00	1.70E+01
TV	SECTOR	L13033-01	9/27/2007	Co-58	9.00E+00	1.00E+01	3.40E+01
TV	SECTOR	L13033-01	9/27/2007	Co-60	-1.22E+01	8.80E+00	3.50E+01
TV	SECTOR	L13033-01	9/27/2007	Cr-51	-5.00E+01	1.00E+02	3.60E+02
TV	SECTOR	L13033-01	9/27/2007	Cs-134	-2.90E+00	9.50E+00	3.40E+01
TV	SECTOR	L13033-01	9/27/2007	Cs-137	7.40E+01	1.30E+01	3.70E+01 *
TV	SECTOR	L13033-01	9/27/2007	Fe-59	-1.90E+01	2.40E+01	8.80E+01
TV	SECTOR	L13033-01	9/27/2007	I-131	1.10E+01	1.10E+01	4.00E+01
TV	SECTOR	L13033-01	9/27/2007	I-131	-3.40E+01	4.20E+01	1.50E+02
TV	SECTOR	L13033-01	9/27/2007	K-40	1.95E+03	2.00E+02	4.50E+02 *
TV	SECTOR	L13033-01	9/27/2007	La-140	-9.00E+00	2.60E+01	9.90E+01
TV	SECTOR	L13033-01	9/27/2007	Mn-54	0.00E+00	9.10E+00	3.20E+01
TV	SECTOR	L13033-01	9/27/2007	Nb-95	1.00E+00	1.30E+01	4.50E+01
TV	SECTOR	L13033-01	9/27/2007	Ru-103	-5.00E+00	1.10E+01	4.10E+01
TV	SECTOR	L13033-01	9/27/2007	Ru-106	-7.80E+01	8.40E+01	3.10E+02
TV	SECTOR	L13033-01	9/27/2007	Sb-124	0.00E+00	1.90E+01	7.40E+01
TV	SECTOR	L13033-01	9/27/2007	Sb-125	-1.90E+01	2.00E+01	7.20E+01
TV	SECTOR	L13033-01	9/27/2007	Se-75	7.00E+00	1.10E+01	3.70E+01
TV	SECTOR	L13033-01	9/27/2007	Zn-65	-1.00E+00	2.00E+01	7.30E+01
TV	SECTOR	L13033-01	9/27/2007	Zr-95	-9.00E+00	1.80E+01	6.40E+01
TV	SECTOR	L13033-02	9/27/2007	AcTh-228	3.00E+01	4.20E+01	1.50E+02
TV	SECTOR	L13033-02	9/27/2007	Ag-108m	-9.50E+00	8.40E+00	3.20E+01
TV	SECTOR	L13033-02	9/27/2007	Ag-110m	-1.10E+01	1.50E+01	5.90E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L13033-02	9/27/2007	Ba-140	-4.10E+01	2.10E+01	1.00E+02
TV	SECTOR	L13033-02	9/27/2007	Be-7	1.74E+03	1.80E+02	3.80E+02 *
TV	SECTOR	L13033-02	9/27/2007	Ce-141	1.00E+00	1.30E+01	4.70E+01
TV	SECTOR	L13033-02	9/27/2007	Ce-144	1.50E+01	4.80E+01	1.60E+02
TV	SECTOR	L13033-02	9/27/2007	Co-57	-5.00E-01	5.60E+00	2.00E+01
TV	SECTOR	L13033-02	9/27/2007	Co-58	-1.20E+01	1.00E+01	4.30E+01
TV	SECTOR	L13033-02	9/27/2007	Co-60	3.00E+00	1.20E+01	4.60E+01
TV	SECTOR	L13033-02	9/27/2007	Cr-51	3.40E+01	9.10E+01	3.20E+02
TV	SECTOR	L13033-02	9/27/2007	Cs-134	-2.70E+01	1.20E+01	5.30E+01
TV	SECTOR	L13033-02	9/27/2007	Cs-137	0.00E+00	1.00E+01	3.80E+01
TV	SECTOR	L13033-02	9/27/2007	Fe-59	0.00E+00	2.90E+01	1.10E+02
TV	SECTOR	L13033-02	9/27/2007	I-131	1.70E+01	1.40E+01	4.60E+01
TV	SECTOR	L13033-02	9/27/2007	I-131	-1.20E+01	2.20E+01	8.40E+01
TV	SECTOR	L13033-02	9/27/2007	K-40	1.62E+03	2.70E+02	6.10E+02 *
TV	SECTOR	L13033-02	9/27/2007	La-140	-4.70E+01	2.40E+01	1.20E+02
TV	SECTOR	L13033-02	9/27/2007	Mn-54	-1.10E+01	1.20E+01	4.60E+01
TV	SECTOR	L13033-02	9/27/2007	Nb-95	-2.00E+00	1.40E+01	5.10E+01
TV	SECTOR	L13033-02	9/27/2007	Ru-103	-3.00E+00	1.10E+01	4.20E+01
TV	SECTOR	L13033-02	9/27/2007	Ru-106	1.25E+02	8.20E+01	2.70E+02
TV	SECTOR	L13033-02	9/27/2007	Sb-124	8.00E+00	2.70E+01	1.10E+02
TV	SECTOR	L13033-02	9/27/2007	Sb-125	-1.60E+01	2.50E+01	9.40E+01
TV	SECTOR	L13033-02	9/27/2007	Se-75	6.00E+00	1.00E+01	3.50E+01
TV	SECTOR	L13033-02	9/27/2007	Zn-65	-2.30E+01	2.70E+01	1.10E+02
TV	SECTOR	L13033-02	9/27/2007	Zr-95	-6.00E+00	2.10E+01	8.10E+01
TV	SECTOR	L13033-03	9/27/2007	AcTh-228	-3.30E+01	5.00E+01	2.00E+02
TV	SECTOR	L13033-03	9/27/2007	Ag-108m	-1.00E+01	1.20E+01	4.40E+01
TV	SECTOR	L13033-03	9/27/2007	Ag-110m	3.60E+01	1.70E+01	5.20E+01
TV	SECTOR	L13033-03	9/27/2007	Ba-140	3.60E+01	2.60E+01	8.60E+01
TV	SECTOR	L13033-03	9/27/2007	Be-7	2.06E+03	2.30E+02	5.10E+02 *
TV	SECTOR	L13033-03	9/27/2007	Ce-141	-9.00E+00	1.70E+01	6.10E+01
TV	SECTOR	L13033-03	9/27/2007	Ce-144	-4.10E+01	5.40E+01	2.00E+02
TV	SECTOR	L13033-03	9/27/2007	Co-57	3.60E+00	6.80E+00	2.40E+01
TV	SECTOR	L13033-03	9/27/2007	Co-58	-2.40E+01	1.60E+01	6.50E+01
TV	SECTOR	L13033-03	9/27/2007	Co-60	-1.20E+01	1.60E+01	6.60E+01
TV	SECTOR	L13033-03	9/27/2007	Cr-51	8.00E+01	1.20E+02	4.20E+02
TV	SECTOR	L13033-03	9/27/2007	Cs-134	1.00E+00	1.40E+01	5.20E+01
TV	SECTOR	L13033-03	9/27/2007	Cs-137	-1.10E+01	1.40E+01	5.60E+01
TV	SECTOR	L13033-03	9/27/2007	Fe-59	-7.00E+00	2.90E+01	1.20E+02
TV	SECTOR	L13033-03	9/27/2007	I-131	5.20E+01	3.50E+01	1.20E+02
TV	SECTOR	L13033-03	9/27/2007	I-131	0.00E+00	7.30E+00	3.20E+01
TV	SECTOR	L13033-03	9/27/2007	K-40	2.17E+03	3.60E+02	8.00E+02 *
TV	SECTOR	L13033-03	9/27/2007	La-140	4.20E+01	3.00E+01	9.90E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TV	SECTOR	L13033-03	9/27/2007	Mn-54	-5.00E+00	1.40E+01	5.30E+01
TV	SECTOR	L13033-03	9/27/2007	Nb-95	-1.40E+01	1.80E+01	7.00E+01
TV	SECTOR	L13033-03	9/27/2007	Ru-103	6.00E+00	1.40E+01	5.00E+01
TV	SECTOR	L13033-03	9/27/2007	Ru-106	8.00E+01	1.20E+02	4.10E+02
TV	SECTOR	L13033-03	9/27/2007	Sb-124	-5.50E+01	3.60E+01	1.70E+02
TV	SECTOR	L13033-03	9/27/2007	Sb-125	-6.60E+01	3.40E+01	1.40E+02
TV	SECTOR	L13033-03	9/27/2007	Se-75	-2.40E+01	1.40E+01	5.30E+01
TV	SECTOR	L13033-03	9/27/2007	Zn-65	-3.20E+01	3.40E+01	1.40E+02
TV	SECTOR	L13033-03	9/27/2007	Zr-95	0.00E+00	2.50E+01	9.50E+01
TV	SECTOR	L13033-04	9/27/2007	AcTh-228	-6.20E+01	4.50E+01	1.90E+02
TV	SECTOR	L13033-04	9/27/2007	Ag-108m	6.50E+00	8.30E+00	2.90E+01
TV	SECTOR	L13033-04	9/27/2007	Ag-110m	-1.00E+00	1.60E+01	6.00E+01
TV	SECTOR	L13033-04	9/27/2007	Ba-140	7.00E+00	2.20E+01	8.90E+01
TV	SECTOR	L13033-04	9/27/2007	Be-7	1.59E+03	2.00E+02	4.70E+02 *
TV	SECTOR	L13033-04	9/27/2007	Ce-141	-2.00E+01	1.40E+01	5.30E+01
TV	SECTOR	L13033-04	9/27/2007	Ce-144	-3.50E+01	4.00E+01	1.50E+02
TV	SECTOR	L13033-04	9/27/2007	Co-57	-2.90E+00	4.80E+00	1.80E+01
TV	SECTOR	L13033-04	9/27/2007	Co-58	2.28E+01	9.90E+00	2.80E+01
TV	SECTOR	L13033-04	9/27/2007	Co-60	-1.60E+01	1.70E+01	7.10E+01
TV	SECTOR	L13033-04	9/27/2007	Cr-51	-2.00E+00	9.00E+01	3.30E+02
TV	SECTOR	L13033-04	9/27/2007	Cs-134	1.80E+01	1.40E+01	4.70E+01
TV	SECTOR	L13033-04	9/27/2007	Cs-137	0.00E+00	1.20E+01	4.30E+01
TV	SECTOR	L13033-04	9/27/2007	Fe-59	-2.40E+01	3.30E+01	1.30E+02
TV	SECTOR	L13033-04	9/27/2007	I-131	4.20E+01	2.60E+01	8.60E+01
TV	SECTOR	L13033-04	9/27/2007	I-131	-4.80E+00	7.40E+00	5.10E+01
TV	SECTOR	L13033-04	9/27/2007	K-40	4.33E+03	4.30E+02	6.80E+02 *
TV	SECTOR	L13033-04	9/27/2007	La-140	9.00E+00	2.60E+01	1.00E+02
TV	SECTOR	L13033-04	9/27/2007	Mn-54	1.40E+01	1.30E+01	4.30E+01
TV	SECTOR	L13033-04	9/27/2007	Nb-95	2.00E+01	1.30E+01	4.30E+01
TV	SECTOR	L13033-04	9/27/2007	Ru-103	2.00E+00	1.30E+01	4.80E+01
TV	SECTOR	L13033-04	9/27/2007	Ru-106	5.00E+01	1.10E+02	3.90E+02
TV	SECTOR	L13033-04	9/27/2007	Sb-124	-5.00E+01	3.60E+01	1.70E+02
TV	SECTOR	L13033-04	9/27/2007	Sb-125	5.90E+01	2.70E+01	8.40E+01
TV	SECTOR	L13033-04	9/27/2007	Se-75	-1.30E+01	1.10E+01	4.30E+01
TV	SECTOR	L13033-04	9/27/2007	Zn-65	-6.00E+00	3.20E+01	1.20E+02
TV	SECTOR	L13033-04	9/27/2007	Zr-95	6.00E+00	2.00E+01	7.50E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	SECTOR	L13032-01	9/27/2007	AcTh-228	-5.00E+00	1.80E+01	7.20E+01
TF	SECTOR	L13032-01	9/27/2007	Ag-108m	-6.40E+00	4.30E+00	1.60E+01
TF	SECTOR	L13032-01	9/27/2007	Ag-110m	-2.40E+00	7.10E+00	2.60E+01
TF	SECTOR	L13032-01	9/27/2007	Ba-140	1.62E+01	7.20E+00	2.10E+01
TF	SECTOR	L13032-01	9/27/2007	Be-7	5.40E+01	4.80E+01	1.60E+02
TF	SECTOR	L13032-01	9/27/2007	Ce-141	4.10E+00	9.40E+00	3.20E+01
TF	SECTOR	L13032-01	9/27/2007	Ce-144	-1.20E+01	2.80E+01	9.80E+01
TF	SECTOR	L13032-01	9/27/2007	Co-57	1.80E+00	3.30E+00	1.10E+01
TF	SECTOR	L13032-01	9/27/2007	Co-58	0.00E+00	5.70E+00	2.00E+01
TF	SECTOR	L13032-01	9/27/2007	Co-60	-7.00E+00	6.00E+00	2.30E+01
TF	SECTOR	L13032-01	9/27/2007	Cr-51	-2.30E+01	5.20E+01	1.80E+02
TF	SECTOR	L13032-01	9/27/2007	Cs-134	9.40E+00	5.60E+00	1.80E+01
TF	SECTOR	L13032-01	9/27/2007	Cs-137	-6.70E+00	5.40E+00	2.00E+01
TF	SECTOR	L13032-01	9/27/2007	Fe-59	-1.20E+01	1.20E+01	4.70E+01
TF	SECTOR	L13032-01	9/27/2007	I-131	-2.60E+01	1.50E+01	5.60E+01
TF	SECTOR	L13032-01	9/27/2007	I-131	-5.90E+00	6.60E+00	4.70E+01
TF	SECTOR	L13032-01	9/27/2007	K-40	1.67E+03	1.30E+02	2.40E+02 *
TF	SECTOR	L13032-01	9/27/2007	La-140	1.86E+01	8.30E+00	2.40E+01
TF	SECTOR	L13032-01	9/27/2007	Mn-54	-1.13E+01	5.60E+00	2.20E+01
TF	SECTOR	L13032-01	9/27/2007	Nb-95	-6.10E+00	6.50E+00	2.40E+01
TF	SECTOR	L13032-01	9/27/2007	Ru-103	9.60E+00	6.20E+00	2.00E+01
TF	SECTOR	L13032-01	9/27/2007	Ru-106	4.70E+01	4.90E+01	1.70E+02
TF	SECTOR	L13032-01	9/27/2007	Sb-124	-1.70E+01	1.10E+01	4.60E+01
TF	SECTOR	L13032-01	9/27/2007	Sb-125	-3.00E+00	1.40E+01	5.00E+01
TF	SECTOR	L13032-01	9/27/2007	Se-75	-1.47E+01	7.20E+00	2.60E+01
TF	SECTOR	L13032-01	9/27/2007	Zn-65	-1.30E+01	2.00E+01	7.20E+01
TF	SECTOR	L13032-01	9/27/2007	Zr-95	-1.59E+01	9.80E+00	3.80E+01
TF	SECTOR	L13032-02	9/27/2007	AcTh-228	3.80E+01	2.50E+01	8.40E+01
TF	SECTOR	L13032-02	9/27/2007	Ag-108m	1.50E+00	4.80E+00	1.70E+01
TF	SECTOR	L13032-02	9/27/2007	Ag-110m	4.10E+00	9.20E+00	3.20E+01
TF	SECTOR	L13032-02	9/27/2007	Ba-140	2.00E+01	1.30E+01	4.10E+01
TF	SECTOR	L13032-02	9/27/2007	Be-7	1.19E+02	6.70E+01	2.20E+02
TF	SECTOR	L13032-02	9/27/2007	Ce-141	-6.80E+00	8.90E+00	3.10E+01
TF	SECTOR	L13032-02	9/27/2007	Ce-144	-2.10E+01	2.90E+01	1.00E+02
TF	SECTOR	L13032-02	9/27/2007	Co-57	-2.20E+00	3.50E+00	1.20E+01
TF	SECTOR	L13032-02	9/27/2007	Co-58	2.90E+00	6.30E+00	2.20E+01
TF	SECTOR	L13032-02	9/27/2007	Co-60	-1.20E+00	6.50E+00	2.50E+01
TF	SECTOR	L13032-02	9/27/2007	Cr-51	4.40E+01	6.10E+01	2.10E+02
TF	SECTOR	L13032-02	9/27/2007	Cs-134	9.00E+00	5.90E+00	2.00E+01
TF	SECTOR	L13032-02	9/27/2007	Cs-137	1.10E+00	6.50E+00	2.30E+01
TF	SECTOR	L13032-02	9/27/2007	Fe-59	-2.30E+01	1.50E+01	5.90E+01
TF	SECTOR	L13032-02	9/27/2007	I-131	-5.10E+00	5.70E+00	4.00E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)
TF	SECTOR	L13032-02	9/27/2007	I-131	7.00E+00	1.70E+01	5.90E+01
TF	SECTOR	L13032-02	9/27/2007	K-40	2.66E+03	1.90E+02	3.20E+02 *
TF	SECTOR	L13032-02	9/27/2007	La-140	2.30E+01	1.40E+01	4.70E+01
TF	SECTOR	L13032-02	9/27/2007	Mn-54	1.60E+00	6.00E+00	2.10E+01
TF	SECTOR	L13032-02	9/27/2007	Nb-95	1.12E+01	7.00E+00	2.30E+01
TF	SECTOR	L13032-02	9/27/2007	Ru-103	-7.60E+00	6.50E+00	2.40E+01
TF	SECTOR	L13032-02	9/27/2007	Ru-106	2.50E+01	5.60E+01	2.00E+02
TF	SECTOR	L13032-02	9/27/2007	Sb-124	-1.50E+01	1.70E+01	6.90E+01
TF	SECTOR	L13032-02	9/27/2007	Sb-125	1.80E+01	1.40E+01	4.60E+01
TF	SECTOR	L13032-02	9/27/2007	Se-75	4.90E+00	6.30E+00	2.10E+01
TF	SECTOR	L13032-02	9/27/2007	Zn-65	-3.80E+01	1.60E+01	6.50E+01
TF	SECTOR	L13032-02	9/27/2007	Zr-95	7.00E+00	1.00E+01	3.60E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L11912-01	1/10/2007	AcTh-228	-1.03E+01	7.90E+00	3.10E+01
TM	MR	L11912-01	1/10/2007	Ag-108m	-9.00E-01	1.90E+00	7.00E+00
TM	MR	L11912-01	1/10/2007	Ag-110m	4.00E-01	2.90E+00	1.00E+01
TM	MR	L11912-01	1/10/2007	Ba-140	1.20E+00	2.80E+00	1.00E+01
TM	MR	L11912-01	1/10/2007	Be-7	-1.00E+01	2.10E+01	7.50E+01
TM	MR	L11912-01	1/10/2007	Ce-141	3.90E+00	3.40E+00	1.10E+01
TM	MR	L11912-01	1/10/2007	Ce-144	-1.00E+00	1.10E+01	3.90E+01
TM	MR	L11912-01	1/10/2007	Co-57	1.50E+00	1.50E+00	5.00E+00
TM	MR	L11912-01	1/10/2007	Co-58	3.00E-01	2.30E+00	8.30E+00
TM	MR	L11912-01	1/10/2007	Co-60	-1.20E+00	2.40E+00	9.20E+00
TM	MR	L11912-01	1/10/2007	Cr-51	1.50E+01	1.80E+01	6.10E+01
TM	MR	L11912-01	1/10/2007	Cs-134	4.00E-01	2.40E+00	8.80E+00
TM	MR	L11912-01	1/10/2007	Cs-137	-2.20E+00	2.30E+00	8.70E+00
TM	MR	L11912-01	1/10/2007	Fe-59	5.10E+00	5.20E+00	1.80E+01
TM	MR	L11912-01	1/10/2007	I-131	5.00E-02	1.20E-01	6.20E-01
TM	MR	L11912-01	1/10/2007	K-40	1.98E+03	9.00E+01	1.10E+02 *
TM	MR	L11912-01	1/10/2007	La-140	1.40E+00	3.20E+00	1.20E+01
TM	MR	L11912-01	1/10/2007	Mn-54	-4.30E+00	2.20E+00	8.90E+00
TM	MR	L11912-01	1/10/2007	Nb-95	0.00E+00	2.70E+00	9.60E+00
TM	MR	L11912-01	1/10/2007	Ru-103	-1.10E+00	2.30E+00	8.40E+00
TM	MR	L11912-01	1/10/2007	Ru-106	-1.40E+01	2.10E+01	7.80E+01
TM	MR	L11912-01	1/10/2007	Sb-124	1.00E+00	4.30E+00	1.60E+01
TM	MR	L11912-01	1/10/2007	Sb-125	-1.70E+00	5.30E+00	1.90E+01
TM	MR	L11912-01	1/10/2007	Se-75	1.60E+00	2.50E+00	8.70E+00
TM	MR	L11912-01	1/10/2007	Zn-65	2.00E-01	5.40E+00	2.00E+01
TM	MR	L11912-01	1/10/2007	Zr-95	-2.40E+00	4.30E+00	1.60E+01
TM	SF	L11912-02	1/10/2007	AcTh-228	8.00E-01	7.30E+00	2.60E+01
TM	SF	L11912-02	1/10/2007	Ag-108m	-1.00E+00	1.50E+00	5.50E+00
TM	SF	L11912-02	1/10/2007	Ag-110m	-4.00E-01	2.70E+00	9.90E+00
TM	SF	L11912-02	1/10/2007	Ba-140	1.10E+00	3.00E+00	1.10E+01
TM	SF	L11912-02	1/10/2007	Be-7	-5.00E+00	1.60E+01	5.80E+01
TM	SF	L11912-02	1/10/2007	Ce-141	3.10E+00	4.80E+00	1.60E+01
TM	SF	L11912-02	1/10/2007	Ce-144	-8.00E+00	1.00E+01	3.70E+01
TM	SF	L11912-02	1/10/2007	Co-57	-1.90E+00	1.40E+00	5.10E+00
TM	SF	L11912-02	1/10/2007	Co-58	-1.60E+00	2.10E+00	7.80E+00
TM	SF	L11912-02	1/10/2007	Co-60	-1.40E+00	2.20E+00	8.60E+00
TM	SF	L11912-02	1/10/2007	Cr-51	-2.80E+01	1.70E+01	6.30E+01
TM	SF	L11912-02	1/10/2007	Cs-134	4.70E+00	2.30E+00	7.40E+00
TM	SF	L11912-02	1/10/2007	Cs-137	-1.80E+00	1.70E+00	6.70E+00
TM	SF	L11912-02	1/10/2007	Fe-59	-2.10E+00	4.80E+00	1.80E+01
TM	SF	L11912-02	1/10/2007	I-131	-7.40E-02	1.30E-02	6.00E-01
TM	SF	L11912-02	1/10/2007	K-40	1.12E+03	7.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L11912-02	1/10/2007	La-140	1.30E+00	3.50E+00	1.30E+01
TM	SF	L11912-02	1/10/2007	Mn-54	1.00E+00	2.10E+00	7.50E+00
TM	SF	L11912-02	1/10/2007	Nb-95	-1.20E+00	2.30E+00	8.40E+00
TM	SF	L11912-02	1/10/2007	Ru-103	2.00E+00	2.10E+00	7.00E+00
TM	SF	L11912-02	1/10/2007	Ru-106	-6.00E+00	1.60E+01	5.90E+01
TM	SF	L11912-02	1/10/2007	Sb-124	1.90E+00	3.50E+00	1.30E+01
TM	SF	L11912-02	1/10/2007	Sb-125	3.50E+00	5.00E+00	1.70E+01
TM	SF	L11912-02	1/10/2007	Se-75	2.00E-01	2.40E+00	8.40E+00
TM	SF	L11912-02	1/10/2007	Zn-65	-8.70E+00	5.00E+00	2.00E+01
TM	SF	L11912-02	1/10/2007	Zr-95	-3.60E+00	3.70E+00	1.40E+01
TM	LF	L11912-03	1/10/2007	AcTh-228	8.10E+00	7.10E+00	2.40E+01
TM	LF	L11912-03	1/10/2007	Ag-108m	-3.00E-01	1.60E+00	5.70E+00
TM	LF	L11912-03	1/10/2007	Ag-110m	1.00E+00	2.20E+00	7.90E+00
TM	LF	L11912-03	1/10/2007	Ba-140	-2.90E+00	2.80E+00	1.20E+01
TM	LF	L11912-03	1/10/2007	Be-7	-5.00E+00	1.50E+01	5.60E+01
TM	LF	L11912-03	1/10/2007	Ce-141	-9.50E+00	2.90E+00	1.10E+01
TM	LF	L11912-03	1/10/2007	Ce-144	-8.00E+00	1.00E+01	3.70E+01
TM	LF	L11912-03	1/10/2007	Co-57	1.30E+00	1.30E+00	4.30E+00
TM	LF	L11912-03	1/10/2007	Co-58	-7.00E-01	1.90E+00	7.00E+00
TM	LF	L11912-03	1/10/2007	Co-60	-1.30E+00	2.30E+00	8.70E+00
TM	LF	L11912-03	1/10/2007	Cr-51	-9.00E+00	1.60E+01	5.80E+01
TM	LF	L11912-03	1/10/2007	Cs-134	2.90E+00	2.00E+00	6.50E+00
TM	LF	L11912-03	1/10/2007	Cs-137	1.80E+00	2.20E+00	7.50E+00
TM	LF	L11912-03	1/10/2007	Fe-59	-2.10E+00	4.70E+00	1.70E+01
TM	LF	L11912-03	1/10/2007	I-131	1.40E-01	1.50E-01	5.80E-01
TM	LF	L11912-03	1/10/2007	K-40	1.36E+03	7.50E+01	1.10E+02 *
TM	LF	L11912-03	1/10/2007	La-140	-3.40E+00	3.20E+00	1.30E+01
TM	LF	L11912-03	1/10/2007	Mn-54	-1.40E+00	1.90E+00	7.20E+00
TM	LF	L11912-03	1/10/2007	Nb-95	-9.00E-01	2.10E+00	7.90E+00
TM	LF	L11912-03	1/10/2007	Ru-103	-2.10E+00	1.80E+00	6.80E+00
TM	LF	L11912-03	1/10/2007	Ru-106	2.00E+00	1.90E+01	6.60E+01
TM	LF	L11912-03	1/10/2007	Sb-124	3.60E+00	4.70E+00	1.70E+01
TM	LF	L11912-03	1/10/2007	Sb-125	-1.30E+00	4.80E+00	1.70E+01
TM	LF	L11912-03	1/10/2007	Se-75	0.00E+00	2.20E+00	7.80E+00
TM	LF	L11912-03	1/10/2007	Zn-65	-5.60E+00	4.50E+00	1.70E+01
TM	LF	L11912-03	1/10/2007	Zr-95	-2.60E+00	2.80E+00	1.10E+01
TM	MR	L11955-01	1/24/2007	AcTh-228	-3.00E+00	9.50E+00	3.50E+01
TM	MR	L11955-01	1/24/2007	Ag-108m	-2.20E+00	1.80E+00	7.00E+00
TM	MR	L11955-01	1/24/2007	Ag-110m	-5.00E-01	3.50E+00	1.30E+01
TM	MR	L11955-01	1/24/2007	Ba-140	7.40E+00	4.00E+00	1.20E+01
TM	MR	L11955-01	1/24/2007	Be-7	-8.00E+00	1.60E+01	6.00E+01

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L11955-01	1/24/2007	Ce-141	2.00E-01	3.10E+00	1.10E+01
TM	MR	L11955-01	1/24/2007	Ce-144	-4.00E+00	1.10E+01	3.80E+01
TM	MR	L11955-01	1/24/2007	Co-57	-1.40E+00	1.50E+00	5.20E+00
TM	MR	L11955-01	1/24/2007	Co-58	-3.00E-01	2.50E+00	9.10E+00
TM	MR	L11955-01	1/24/2007	Co-60	-4.60E+00	2.90E+00	1.20E+01
TM	MR	L11955-01	1/24/2007	Cr-51	-1.20E+01	2.10E+01	7.50E+01
TM	MR	L11955-01	1/24/2007	Cs-134	-1.80E+00	2.20E+00	8.70E+00
TM	MR	L11955-01	1/24/2007	Cs-137	2.20E+00	2.50E+00	8.80E+00
TM	MR	L11955-01	1/24/2007	Fe-59	-5.80E+00	5.70E+00	2.20E+01
TM	MR	L11955-01	1/24/2007	I-131	5.00E-02	1.40E-01	7.70E-01
TM	MR	L11955-01	1/24/2007	K-40	1.99E+03	1.00E+02	1.10E+02 *
TM	MR	L11955-01	1/24/2007	La-140	8.50E+00	4.60E+00	1.40E+01
TM	MR	L11955-01	1/24/2007	Mn-54	2.60E+00	2.50E+00	8.60E+00
TM	MR	L11955-01	1/24/2007	Nb-95	-3.80E+00	2.90E+00	1.10E+01
TM	MR	L11955-01	1/24/2007	Ru-103	-6.10E+00	2.50E+00	1.00E+01
TM	MR	L11955-01	1/24/2007	Ru-106	3.00E+00	2.00E+01	7.30E+01
TM	MR	L11955-01	1/24/2007	Sb-124	-5.50E+00	4.70E+00	2.20E+01
TM	MR	L11955-01	1/24/2007	Sb-125	-1.03E+01	5.80E+00	2.30E+01
TM	MR	L11955-01	1/24/2007	Se-75	1.70E+00	2.30E+00	8.00E+00
TM	MR	L11955-01	1/24/2007	Zn-65	-7.60E+00	6.80E+00	2.60E+01
TM	MR	L11955-01	1/24/2007	Zr-95	-2.00E-01	4.00E+00	1.50E+01
TM	SF	L11955-02	1/24/2007	AcTh-228	-5.20E+00	7.40E+00	2.80E+01
TM	SF	L11955-02	1/24/2007	Ag-108m	5.00E-01	1.70E+00	5.80E+00
TM	SF	L11955-02	1/24/2007	Ag-110m	2.90E+00	2.90E+00	9.70E+00
TM	SF	L11955-02	1/24/2007	Ba-140	-6.90E+00	2.60E+00	1.20E+01
TM	SF	L11955-02	1/24/2007	Be-7	-3.00E+00	1.70E+01	6.00E+01
TM	SF	L11955-02	1/24/2007	Ce-141	-1.10E+00	3.00E+00	1.00E+01
TM	SF	L11955-02	1/24/2007	Ce-144	-1.10E+01	1.20E+01	4.20E+01
TM	SF	L11955-02	1/24/2007	Co-57	1.00E+00	1.30E+00	4.50E+00
TM	SF	L11955-02	1/24/2007	Co-58	-1.60E+00	2.10E+00	7.90E+00
TM	SF	L11955-02	1/24/2007	Co-60	2.80E+00	2.10E+00	6.90E+00
TM	SF	L11955-02	1/24/2007	Cr-51	-4.10E+01	1.80E+01	6.70E+01
TM	SF	L11955-02	1/24/2007	Cs-134	7.00E-01	1.90E+00	6.90E+00
TM	SF	L11955-02	1/24/2007	Cs-137	2.20E+00	1.90E+00	6.50E+00
TM	SF	L11955-02	1/24/2007	Fe-59	3.10E+00	4.40E+00	1.50E+01
TM	SF	L11955-02	1/24/2007	I-131	-1.03E-01	1.80E-02	8.20E-01
TM	SF	L11955-02	1/24/2007	K-40	1.31E+03	6.80E+01	9.30E+01 *
TM	SF	L11955-02	1/24/2007	La-140	-8.00E+00	3.00E+00	1.40E+01
TM	SF	L11955-02	1/24/2007	Mn-54	1.30E+00	1.80E+00	6.40E+00
TM	SF	L11955-02	1/24/2007	Nb-95	-2.20E+00	2.60E+00	9.40E+00
TM	SF	L11955-02	1/24/2007	Ru-103	-1.80E+00	2.20E+00	8.10E+00
TM	SF	L11955-02	1/24/2007	Ru-106	-9.00E+00	1.80E+01	6.60E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L11955-02	1/24/2007	Sb-124	2.40E+00	3.30E+00	1.20E+01
TM	SF	L11955-02	1/24/2007	Sb-125	-4.20E+00	4.60E+00	1.70E+01
TM	SF	L11955-02	1/24/2007	Se-75	3.20E+00	2.40E+00	7.90E+00
TM	SF	L11955-02	1/24/2007	Zn-65	-4.10E+00	4.90E+00	1.80E+01
TM	SF	L11955-02	1/24/2007	Zr-95	1.20E+00	3.60E+00	1.30E+01
TM	LF	L11955-03	1/24/2007	AcTh-228	3.60E+00	8.60E+00	3.00E+01
TM	LF	L11955-03	1/24/2007	Ag-108m	1.80E+00	1.70E+00	5.70E+00
TM	LF	L11955-03	1/24/2007	Ag-110m	-8.00E-01	2.70E+00	1.00E+01
TM	LF	L11955-03	1/24/2007	Ba-140	-6.00E-01	3.20E+00	1.20E+01
TM	LF	L11955-03	1/24/2007	Be-7	-6.00E+00	1.60E+01	5.70E+01
TM	LF	L11955-03	1/24/2007	Ce-141	1.40E+00	3.10E+00	1.10E+01
TM	LF	L11955-03	1/24/2007	Ce-144	-1.30E+01	1.20E+01	4.20E+01
TM	LF	L11955-03	1/24/2007	Co-57	-2.00E+00	1.50E+00	5.30E+00
TM	LF	L11955-03	1/24/2007	Co-58	-1.70E+00	2.10E+00	8.00E+00
TM	LF	L11955-03	1/24/2007	Co-60	-2.60E+00	2.40E+00	9.40E+00
TM	LF	L11955-03	1/24/2007	Cr-51	-1.90E+01	1.90E+01	7.10E+01
TM	LF	L11955-03	1/24/2007	Cs-134	0.00E+00	2.10E+00	7.60E+00
TM	LF	L11955-03	1/24/2007	Cs-137	1.00E+00	2.00E+00	6.90E+00
TM	LF	L11955-03	1/24/2007	Fe-59	-2.10E+00	5.00E+00	1.90E+01
TM	LF	L11955-03	1/24/2007	I-131	-9.70E-02	1.70E-02	7.80E-01
TM	LF	L11955-03	1/24/2007	K-40	1.44E+03	7.80E+01	9.10E+01 *
TM	LF	L11955-03	1/24/2007	La-140	-7.00E-01	3.70E+00	1.40E+01
TM	LF	L11955-03	1/24/2007	Mn-54	5.10E+00	2.00E+00	6.00E+00
TM	LF	L11955-03	1/24/2007	Nb-95	2.00E+00	2.60E+00	8.90E+00
TM	LF	L11955-03	1/24/2007	Ru-103	-1.30E+00	2.30E+00	8.40E+00
TM	LF	L11955-03	1/24/2007	Ru-106	-1.40E+01	1.70E+01	6.50E+01
TM	LF	L11955-03	1/24/2007	Sb-124	-6.10E+00	4.70E+00	2.00E+01
TM	LF	L11955-03	1/24/2007	Sb-125	-5.00E-01	4.70E+00	1.70E+01
TM	LF	L11955-03	1/24/2007	Se-75	2.60E+00	2.40E+00	8.20E+00
TM	LF	L11955-03	1/24/2007	Zn-65	-1.43E+01	5.40E+00	2.20E+01
TM	LF	L11955-03	1/24/2007	Zr-95	-7.20E+00	3.50E+00	1.40E+01
TM	MR	L12009-01	2/7/2007	AcTh-228	-2.60E+00	7.00E+00	2.60E+01
TM	MR	L12009-01	2/7/2007	Ag-108m	3.00E+00	1.70E+00	5.70E+00
TM	MR	L12009-01	2/7/2007	Ag-110m	-1.50E+00	2.90E+00	1.10E+01
TM	MR	L12009-01	2/7/2007	Ba-140	-9.00E-01	2.60E+00	9.90E+00
TM	MR	L12009-01	2/7/2007	Be-7	9.00E+00	1.70E+01	5.90E+01
TM	MR	L12009-01	2/7/2007	Ce-141	2.90E+00	3.00E+00	1.00E+01
TM	MR	L12009-01	2/7/2007	Ce-144	-9.00E+00	1.20E+01	4.20E+01
TM	MR	L12009-01	2/7/2007	Co-57	-1.90E+00	1.30E+00	4.70E+00
TM	MR	L12009-01	2/7/2007	Co-58	2.40E+00	2.00E+00	6.90E+00
TM	MR	L12009-01	2/7/2007	Co-60	1.40E+00	2.10E+00	7.30E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12009-01	2/7/2007	Cr-51	-1.50E+01	1.60E+01	5.80E+01
TM	MR	L12009-01	2/7/2007	Cs-134	-3.90E+00	2.40E+00	9.00E+00
TM	MR	L12009-01	2/7/2007	Cs-137	1.50E+00	2.10E+00	7.10E+00
TM	MR	L12009-01	2/7/2007	Fe-59	7.00E-01	4.10E+00	1.50E+01
TM	MR	L12009-01	2/7/2007	I-131	-1.20E-01	1.90E-02	8.00E-01
TM	MR	L12009-01	2/7/2007	K-40	1.57E+03	7.10E+01	8.90E+01 *
TM	MR	L12009-01	2/7/2007	La-140	-1.00E+00	3.00E+00	1.10E+01
TM	MR	L12009-01	2/7/2007	Mn-54	-8.00E-01	2.00E+00	7.10E+00
TM	MR	L12009-01	2/7/2007	Nb-95	-1.10E+00	2.30E+00	8.30E+00
TM	MR	L12009-01	2/7/2007	Ru-103	-3.80E+00	2.20E+00	8.10E+00
TM	MR	L12009-01	2/7/2007	Ru-106	9.00E+00	1.70E+01	6.00E+01
TM	MR	L12009-01	2/7/2007	Sb-124	-2.20E+00	4.30E+00	1.70E+01
TM	MR	L12009-01	2/7/2007	Sb-125	6.80E+00	4.60E+00	1.50E+01
TM	MR	L12009-01	2/7/2007	Se-75	-2.20E+00	2.30E+00	8.30E+00
TM	MR	L12009-01	2/7/2007	Zn-65	-7.70E+00	5.20E+00	2.00E+01
TM	MR	L12009-01	2/7/2007	Zr-95	-3.00E+00	3.40E+00	1.30E+01
TM	SF	L12009-02	2/7/2007	AcTh-228	7.10E+00	7.40E+00	2.50E+01
TM	SF	L12009-02	2/7/2007	Ag-108m	-7.00E-01	1.60E+00	5.70E+00
TM	SF	L12009-02	2/7/2007	Ag-110m	7.00E-01	2.70E+00	9.60E+00
TM	SF	L12009-02	2/7/2007	Ba-140	-2.70E+00	3.10E+00	1.20E+01
TM	SF	L12009-02	2/7/2007	Be-7	-8.00E+00	1.60E+01	5.80E+01
TM	SF	L12009-02	2/7/2007	Ce-141	-1.00E+00	2.40E+00	8.40E+00
TM	SF	L12009-02	2/7/2007	Ce-144	4.30E+00	9.50E+00	3.20E+01
TM	SF	L12009-02	2/7/2007	Co-57	1.90E+00	1.20E+00	4.00E+00
TM	SF	L12009-02	2/7/2007	Co-58	1.60E+00	2.00E+00	7.00E+00
TM	SF	L12009-02	2/7/2007	Co-60	2.40E+00	2.40E+00	8.20E+00
TM	SF	L12009-02	2/7/2007	Cr-51	-9.00E+00	1.40E+01	4.90E+01
TM	SF	L12009-02	2/7/2007	Cs-134	2.30E+00	2.40E+00	8.20E+00
TM	SF	L12009-02	2/7/2007	Cs-137	6.00E-01	1.90E+00	6.70E+00
TM	SF	L12009-02	2/7/2007	Fe-59	-2.20E+00	4.70E+00	1.70E+01
TM	SF	L12009-02	2/7/2007	I-131	-1.30E-01	2.10E-02	7.50E-01
TM	SF	L12009-02	2/7/2007	K-40	1.30E+03	7.20E+01	1.10E+02 *
TM	SF	L12009-02	2/7/2007	La-140	-3.10E+00	3.50E+00	1.40E+01
TM	SF	L12009-02	2/7/2007	Mn-54	-2.30E+00	2.00E+00	7.70E+00
TM	SF	L12009-02	2/7/2007	Nb-95	3.00E-01	2.10E+00	7.50E+00
TM	SF	L12009-02	2/7/2007	Ru-103	-2.10E+00	1.90E+00	7.00E+00
TM	SF	L12009-02	2/7/2007	Ru-106	-3.00E+00	1.80E+01	6.30E+01
TM	SF	L12009-02	2/7/2007	Sb-124	3.50E+00	4.30E+00	1.50E+01
TM	SF	L12009-02	2/7/2007	Sb-125	-3.60E+00	4.50E+00	1.60E+01
TM	SF	L12009-02	2/7/2007	Se-75	9.00E-01	1.90E+00	6.50E+00
TM	SF	L12009-02	2/7/2007	Zn-65	-4.40E+00	5.00E+00	1.90E+01
TM	SF	L12009-02	2/7/2007	Zr-95	1.50E+00	3.70E+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 2007 Data

SAMPLE		LSN	REFERENCE		CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TYPE	STATION		DATE	NUCLIDE			
TM	LF	L12009-03	2/7/2007	AcTh-228	3.90E+00	8.40E+00	3.00E+01
TM	LF	L12009-03	2/7/2007	Ag-108m	-1.70E+00	2.20E+00	8.10E+00
TM	LF	L12009-03	2/7/2007	Ag-110m	-2.00E+00	3.30E+00	1.30E+01
TM	LF	L12009-03	2/7/2007	Ba-140	3.00E+00	3.00E+00	1.10E+01
TM	LF	L12009-03	2/7/2007	Be-7	1.80E+01	2.10E+01	7.20E+01
TM	LF	L12009-03	2/7/2007	Ce-141	6.80E+00	3.80E+00	1.20E+01
TM	LF	L12009-03	2/7/2007	Ce-144	-1.10E+01	1.50E+01	5.30E+01
TM	LF	L12009-03	2/7/2007	Co-57	-2.70E+00	1.60E+00	5.90E+00
TM	LF	L12009-03	2/7/2007	Co-58	1.10E+00	2.60E+00	9.40E+00
TM	LF	L12009-03	2/7/2007	Co-60	-6.00E-01	2.50E+00	9.60E+00
TM	LF	L12009-03	2/7/2007	Cr-51	0.00E+00	2.10E+01	7.60E+01
TM	LF	L12009-03	2/7/2007	Cs-134	-1.30E+00	2.90E+00	1.10E+01
TM	LF	L12009-03	2/7/2007	Cs-137	-2.20E+00	2.30E+00	9.10E+00
TM	LF	L12009-03	2/7/2007	Fe-59	7.00E-01	5.30E+00	1.90E+01
TM	LF	L12009-03	2/7/2007	I-131	1.80E-01	2.10E-01	8.60E-01
TM	LF	L12009-03	2/7/2007	K-40	1.30E+03	8.40E+01	1.20E+02 *
TM	LF	L12009-03	2/7/2007	La-140	3.50E+00	3.50E+00	1.20E+01
TM	LF	L12009-03	2/7/2007	Mn-54	1.40E+00	2.20E+00	7.80E+00
TM	LF	L12009-03	2/7/2007	Nb-95	-7.00E-01	2.60E+00	9.60E+00
TM	LF	L12009-03	2/7/2007	Ru-103	-5.10E+00	2.80E+00	1.10E+01
TM	LF	L12009-03	2/7/2007	Ru-106	4.00E+00	2.10E+01	7.60E+01
TM	LF	L12009-03	2/7/2007	Sb-124	-1.20E+00	5.40E+00	2.20E+01
TM	LF	L12009-03	2/7/2007	Sb-125	-7.00E-01	6.10E+00	2.20E+01
TM	LF	L12009-03	2/7/2007	Se-75	-6.80E+00	2.90E+00	1.10E+01
TM	LF	L12009-03	2/7/2007	Zn-65	3.70E+00	6.00E+00	2.10E+01
TM	LF	L12009-03	2/7/2007	Zr-95	0.00E+00	4.40E+00	1.60E+01
TM	MR	L12068-01	2/21/2007	AcTh-228	-1.43E+01	8.30E+00	3.40E+01
TM	MR	L12068-01	2/21/2007	Ag-108m	7.00E-01	1.80E+00	6.20E+00
TM	MR	L12068-01	2/21/2007	Ag-110m	-4.20E+00	3.40E+00	1.30E+01
TM	MR	L12068-01	2/21/2007	Ba-140	3.00E+00	3.40E+00	1.20E+01
TM	MR	L12068-01	2/21/2007	Be-7	1.90E+01	1.60E+01	5.30E+01
TM	MR	L12068-01	2/21/2007	Ce-141	2.40E+00	2.80E+00	9.40E+00
TM	MR	L12068-01	2/21/2007	Ce-144	-9.00E+00	1.10E+01	3.80E+01
TM	MR	L12068-01	2/21/2007	Co-57	-2.00E-01	1.40E+00	4.70E+00
TM	MR	L12068-01	2/21/2007	Co-58	-1.70E+00	2.80E+00	1.00E+01
TM	MR	L12068-01	2/21/2007	Co-60	-3.30E+00	3.30E+00	1.30E+01
TM	MR	L12068-01	2/21/2007	Cr-51	1.80E+01	1.90E+01	6.40E+01
TM	MR	L12068-01	2/21/2007	Cs-134	2.00E-01	2.50E+00	9.00E+00
TM	MR	L12068-01	2/21/2007	Cs-137	2.80E+00	2.30E+00	7.80E+00
TM	MR	L12068-01	2/21/2007	Fe-59	-5.40E+00	5.90E+00	2.30E+01
TM	MR	L12068-01	2/21/2007	I-131	-1.12E-01	2.00E-02	6.90E-01
TM	MR	L12068-01	2/21/2007	K-40	1.64E+03	9.60E+01	1.50E+02 *

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12068-01	2/21/2007	La-140	3.50E+00	3.90E+00	1.40E+01
TM	MR	L12068-01	2/21/2007	Mn-54	6.40E+00	2.50E+00	7.60E+00
TM	MR	L12068-01	2/21/2007	Nb-95	-4.00E-01	2.60E+00	9.60E+00
TM	MR	L12068-01	2/21/2007	Ru-103	-4.90E+00	2.40E+00	9.20E+00
TM	MR	L12068-01	2/21/2007	Ru-106	-3.60E+01	2.00E+01	7.90E+01
TM	MR	L12068-01	2/21/2007	Sb-124	2.50E+00	4.70E+00	1.80E+01
TM	MR	L12068-01	2/21/2007	Sb-125	-6.20E+00	5.80E+00	2.20E+01
TM	MR	L12068-01	2/21/2007	Se-75	3.00E+00	2.40E+00	8.00E+00
TM	MR	L12068-01	2/21/2007	Zn-65	-3.10E+00	6.30E+00	2.40E+01
TM	MR	L12068-01	2/21/2007	Zr-95	5.00E+00	4.80E+00	1.60E+01
TM	SF	L12068-02	2/21/2007	AcTh-228	-2.50E+00	7.30E+00	2.60E+01
TM	SF	L12068-02	2/21/2007	Ag-108m	-4.00E-01	1.80E+00	6.30E+00
TM	SF	L12068-02	2/21/2007	Ag-110m	-3.00E-01	2.40E+00	8.90E+00
TM	SF	L12068-02	2/21/2007	Ba-140	-5.00E-01	2.90E+00	1.10E+01
TM	SF	L12068-02	2/21/2007	Be-7	-4.00E+00	1.70E+01	6.00E+01
TM	SF	L12068-02	2/21/2007	Ce-141	0.00E+00	3.10E+00	1.10E+01
TM	SF	L12068-02	2/21/2007	Ce-144	3.00E+00	1.00E+01	3.60E+01
TM	SF	L12068-02	2/21/2007	Co-57	-2.40E+00	1.30E+00	4.80E+00
TM	SF	L12068-02	2/21/2007	Co-58	-1.10E+00	1.80E+00	6.80E+00
TM	SF	L12068-02	2/21/2007	Co-60	5.00E-01	2.00E+00	7.30E+00
TM	SF	L12068-02	2/21/2007	Cr-51	-2.10E+01	1.70E+01	6.20E+01
TM	SF	L12068-02	2/21/2007	Cs-134	2.00E-01	2.10E+00	7.50E+00
TM	SF	L12068-02	2/21/2007	Cs-137	-3.70E+00	1.80E+00	7.20E+00
TM	SF	L12068-02	2/21/2007	Fe-59	8.20E+00	4.50E+00	1.50E+01
TM	SF	L12068-02	2/21/2007	I-131	-2.30E-02	8.50E-02	5.40E-01
TM	SF	L12068-02	2/21/2007	K-40	1.51E+03	7.00E+01	8.70E+01 *
TM	SF	L12068-02	2/21/2007	La-140	-5.00E-01	3.40E+00	1.30E+01
TM	SF	L12068-02	2/21/2007	Mn-54	1.20E+00	1.70E+00	6.00E+00
TM	SF	L12068-02	2/21/2007	Nb-95	-4.00E+00	2.20E+00	8.40E+00
TM	SF	L12068-02	2/21/2007	Ru-103	-3.10E+00	2.00E+00	7.40E+00
TM	SF	L12068-02	2/21/2007	Ru-106	0.00E+00	1.60E+01	5.90E+01
TM	SF	L12068-02	2/21/2007	Sb-124	2.30E+00	3.10E+00	1.10E+01
TM	SF	L12068-02	2/21/2007	Sb-125	4.00E-01	4.60E+00	1.60E+01
TM	SF	L12068-02	2/21/2007	Se-75	-3.00E-01	2.30E+00	8.10E+00
TM	SF	L12068-02	2/21/2007	Zn-65	7.10E+00	8.20E+00	2.80E+01
TM	SF	L12068-02	2/21/2007	Zr-95	-4.00E-01	3.10E+00	1.10E+01
TM	LF	L12068-03	2/21/2007	AcTh-228	-2.00E-01	7.10E+00	2.60E+01
TM	LF	L12068-03	2/21/2007	Ag-108m	-1.00E-01	1.80E+00	6.20E+00
TM	LF	L12068-03	2/21/2007	Ag-110m	1.30E+00	2.40E+00	8.50E+00
TM	LF	L12068-03	2/21/2007	Ba-140	2.50E+00	2.40E+00	8.30E+00
TM	LF	L12068-03	2/21/2007	Be-7	9.00E+00	1.80E+01	6.20E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12068-03	2/21/2007	Ce-141	2.00E-01	3.10E+00	1.10E+01
TM	LF	L12068-03	2/21/2007	Ce-144	-7.00E+00	1.00E+01	3.50E+01
TM	LF	L12068-03	2/21/2007	Co-57	1.30E+00	1.40E+00	4.60E+00
TM	LF	L12068-03	2/21/2007	Co-58	4.50E+00	1.80E+00	5.50E+00
TM	LF	L12068-03	2/21/2007	Co-60	1.40E+00	2.20E+00	7.60E+00
TM	LF	L12068-03	2/21/2007	Cr-51	2.40E+01	1.80E+01	6.00E+01
TM	LF	L12068-03	2/21/2007	Cs-134	-1.30E+00	2.30E+00	8.50E+00
TM	LF	L12068-03	2/21/2007	Cs-137	-9.00E-01	1.90E+00	7.00E+00
TM	LF	L12068-03	2/21/2007	Fe-59	-3.40E+00	4.70E+00	1.70E+01
TM	LF	L12068-03	2/21/2007	I-131	0.00E+00	1.30E-01	7.50E-01
TM	LF	L12068-03	2/21/2007	K-40	1.43E+03	7.00E+01	8.00E+01 *
TM	LF	L12068-03	2/21/2007	La-140	2.90E+00	2.80E+00	9.60E+00
TM	LF	L12068-03	2/21/2007	Mn-54	-9.00E-01	1.90E+00	6.90E+00
TM	LF	L12068-03	2/21/2007	Nb-95	-3.90E+00	2.00E+00	8.10E+00
TM	LF	L12068-03	2/21/2007	Ru-103	-3.20E+00	2.20E+00	8.10E+00
TM	LF	L12068-03	2/21/2007	Ru-106	2.00E+00	1.60E+01	5.90E+01
TM	LF	L12068-03	2/21/2007	Sb-124	-1.60E+00	4.50E+00	1.70E+01
TM	LF	L12068-03	2/21/2007	Sb-125	-8.40E+00	4.90E+00	1.90E+01
TM	LF	L12068-03	2/21/2007	Se-75	1.20E+00	2.20E+00	7.60E+00
TM	LF	L12068-03	2/21/2007	Zn-65	5.10E+00	4.20E+00	1.40E+01
TM	LF	L12068-03	2/21/2007	Zr-95	-5.30E+00	3.20E+00	1.30E+01
TM	MR	L12122-01	3/7/2007	AcTh-228	4.90E+00	8.90E+00	3.10E+01
TM	MR	L12122-01	3/7/2007	Ag-108m	2.00E+00	1.90E+00	6.50E+00
TM	MR	L12122-01	3/7/2007	Ag-110m	-2.20E+00	3.10E+00	1.20E+01
TM	MR	L12122-01	3/7/2007	Ba-140	2.80E+00	3.50E+00	1.30E+01
TM	MR	L12122-01	3/7/2007	Be-7	-4.50E+01	2.10E+01	8.30E+01
TM	MR	L12122-01	3/7/2007	Ce-141	0.00E+00	3.60E+00	1.20E+01
TM	MR	L12122-01	3/7/2007	Ce-144	1.70E+01	1.20E+01	4.10E+01
TM	MR	L12122-01	3/7/2007	Co-57	1.00E-01	1.50E+00	5.20E+00
TM	MR	L12122-01	3/7/2007	Co-58	-2.00E+00	2.50E+00	9.50E+00
TM	MR	L12122-01	3/7/2007	Co-60	-1.00E+00	2.20E+00	8.80E+00
TM	MR	L12122-01	3/7/2007	Cr-51	1.40E+01	1.90E+01	6.50E+01
TM	MR	L12122-01	3/7/2007	Cs-134	-3.60E+00	2.70E+00	1.10E+01
TM	MR	L12122-01	3/7/2007	Cs-137	2.70E+00	2.60E+00	8.70E+00
TM	MR	L12122-01	3/7/2007	Fe-59	-5.00E-01	5.30E+00	1.90E+01
TM	MR	L12122-01	3/7/2007	I-131	1.00E-02	1.10E-01	6.40E-01
TM	MR	L12122-01	3/7/2007	K-40	1.48E+03	8.80E+01	1.30E+02 *
TM	MR	L12122-01	3/7/2007	La-140	3.20E+00	4.00E+00	1.40E+01
TM	MR	L12122-01	3/7/2007	Mn-54	0.00E+00	2.40E+00	8.60E+00
TM	MR	L12122-01	3/7/2007	Nb-95	3.40E+00	2.60E+00	8.60E+00
TM	MR	L12122-01	3/7/2007	Ru-103	-5.30E+00	2.60E+00	1.00E+01
TM	MR	L12122-01	3/7/2007	Ru-106	-1.90E+01	2.20E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12122-01	3/7/2007	Sb-124	1.10E+00	4.10E+00	1.60E+01
TM	MR	L12122-01	3/7/2007	Sb-125	7.80E+00	6.10E+00	2.00E+01
TM	MR	L12122-01	3/7/2007	Se-75	1.00E+00	2.90E+00	1.00E+01
TM	MR	L12122-01	3/7/2007	Zn-65	-7.60E+00	6.20E+00	2.40E+01
TM	MR	L12122-01	3/7/2007	Zr-95	1.10E+00	4.40E+00	1.60E+01
TM	SF	L12122-02	3/7/2007	AcTh-228	-1.21E+01	9.30E+00	3.60E+01
TM	SF	L12122-02	3/7/2007	Ag-108m	0.00E+00	1.80E+00	6.40E+00
TM	SF	L12122-02	3/7/2007	Ag-110m	2.70E+00	3.40E+00	1.20E+01
TM	SF	L12122-02	3/7/2007	Ba-140	2.90E+00	2.90E+00	1.00E+01
TM	SF	L12122-02	3/7/2007	Be-7	4.00E+00	1.50E+01	5.40E+01
TM	SF	L12122-02	3/7/2007	Ce-141	2.30E+00	3.40E+00	1.20E+01
TM	SF	L12122-02	3/7/2007	Ce-144	-3.00E+00	1.20E+01	4.10E+01
TM	SF	L12122-02	3/7/2007	Co-57	-2.60E+00	1.60E+00	6.00E+00
TM	SF	L12122-02	3/7/2007	Co-58	-2.00E+00	2.40E+00	9.30E+00
TM	SF	L12122-02	3/7/2007	Co-60	0.00E+00	2.40E+00	9.20E+00
TM	SF	L12122-02	3/7/2007	Cr-51	-6.20E+01	1.90E+01	7.60E+01
TM	SF	L12122-02	3/7/2007	Cs-134	-7.00E-01	2.50E+00	9.30E+00
TM	SF	L12122-02	3/7/2007	Cs-137	4.00E-01	2.10E+00	7.50E+00
TM	SF	L12122-02	3/7/2007	Fe-59	1.70E+00	5.70E+00	2.00E+01
TM	SF	L12122-02	3/7/2007	I-131	4.00E-02	1.40E-01	7.50E-01
TM	SF	L12122-02	3/7/2007	K-40	1.27E+03	8.10E+01	1.10E+02 *
TM	SF	L12122-02	3/7/2007	La-140	3.30E+00	3.30E+00	1.20E+01
TM	SF	L12122-02	3/7/2007	Mn-54	1.30E+00	2.20E+00	7.90E+00
TM	SF	L12122-02	3/7/2007	Nb-95	5.40E+00	2.80E+00	9.20E+00
TM	SF	L12122-02	3/7/2007	Ru-103	-1.70E+00	2.50E+00	9.40E+00
TM	SF	L12122-02	3/7/2007	Ru-106	2.00E+01	1.90E+01	6.60E+01
TM	SF	L12122-02	3/7/2007	Sb-124	-2.40E+00	3.80E+00	1.70E+01
TM	SF	L12122-02	3/7/2007	Sb-125	1.30E+00	5.40E+00	1.90E+01
TM	SF	L12122-02	3/7/2007	Se-75	-4.60E+00	2.80E+00	1.00E+01
TM	SF	L12122-02	3/7/2007	Zn-65	-1.90E+00	6.30E+00	2.30E+01
TM	SF	L12122-02	3/7/2007	Zr-95	4.00E+00	4.10E+00	1.40E+01
TM	LF	L12122-03	3/7/2007	AcTh-228	9.90E+00	8.10E+00	2.70E+01
TM	LF	L12122-03	3/7/2007	Ag-108m	-8.00E-01	1.90E+00	6.80E+00
TM	LF	L12122-03	3/7/2007	Ag-110m	-3.50E+00	3.00E+00	1.20E+01
TM	LF	L12122-03	3/7/2007	Ba-140	-6.00E-01	2.90E+00	1.20E+01
TM	LF	L12122-03	3/7/2007	Be-7	-1.80E+01	1.80E+01	6.80E+01
TM	LF	L12122-03	3/7/2007	Ce-141	-3.10E+00	3.20E+00	1.20E+01
TM	LF	L12122-03	3/7/2007	Ce-144	1.80E+01	1.20E+01	4.10E+01
TM	LF	L12122-03	3/7/2007	Co-57	-2.30E+00	1.50E+00	5.60E+00
TM	LF	L12122-03	3/7/2007	Co-58	2.80E+00	2.10E+00	7.10E+00
TM	LF	L12122-03	3/7/2007	Co-60	-3.00E+00	2.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12122-03	3/7/2007	Cr-51	1.90E+01	2.10E+01	7.10E+01
TM	LF	L12122-03	3/7/2007	Cs-134	3.00E+00	2.30E+00	7.70E+00
TM	LF	L12122-03	3/7/2007	Cs-137	0.00E+00	2.40E+00	8.60E+00
TM	LF	L12122-03	3/7/2007	Fe-59	9.00E-01	5.40E+00	1.90E+01
TM	LF	L12122-03	3/7/2007	I-131	-1.01E-01	1.80E-02	7.90E-01
TM	LF	L12122-03	3/7/2007	K-40	1.35E+03	8.20E+01	1.10E+02 *
TM	LF	L12122-03	3/7/2007	La-140	-6.00E-01	3.30E+00	1.30E+01
TM	LF	L12122-03	3/7/2007	Mn-54	-5.40E+00	2.40E+00	9.80E+00
TM	LF	L12122-03	3/7/2007	Nb-95	-1.30E+00	2.50E+00	9.40E+00
TM	LF	L12122-03	3/7/2007	Ru-103	-1.10E+00	2.20E+00	8.00E+00
TM	LF	L12122-03	3/7/2007	Ru-106	-2.00E+01	1.70E+01	6.80E+01
TM	LF	L12122-03	3/7/2007	Sb-124	-2.50E+00	5.70E+00	2.30E+01
TM	LF	L12122-03	3/7/2007	Sb-125	-5.10E+00	5.70E+00	2.10E+01
TM	LF	L12122-03	3/7/2007	Se-75	2.00E-01	2.40E+00	8.30E+00
TM	LF	L12122-03	3/7/2007	Zn-65	9.00E+00	5.20E+00	1.70E+01
TM	LF	L12122-03	3/7/2007	Zr-95	-6.00E+00	3.30E+00	1.40E+01
TM	MR	L12184-01	3/21/2007	AcTh-228	-3.80E+00	8.30E+00	3.10E+01
TM	MR	L12184-01	3/21/2007	Ag-108m	2.30E+00	1.70E+00	5.60E+00
TM	MR	L12184-01	3/21/2007	Ag-110m	-1.70E+00	3.00E+00	1.20E+01
TM	MR	L12184-01	3/21/2007	Ba-140	3.10E+00	3.50E+00	1.20E+01
TM	MR	L12184-01	3/21/2007	Be-7	1.90E+01	1.70E+01	5.90E+01
TM	MR	L12184-01	3/21/2007	Ce-141	-1.30E+00	2.90E+00	1.00E+01
TM	MR	L12184-01	3/21/2007	Ce-144	2.00E+00	8.70E+00	3.00E+01
TM	MR	L12184-01	3/21/2007	Co-57	-9.00E-01	1.10E+00	3.90E+00
TM	MR	L12184-01	3/21/2007	Co-58	-2.60E+00	2.30E+00	9.00E+00
TM	MR	L12184-01	3/21/2007	Co-60	-1.10E+00	2.90E+00	1.10E+01
TM	MR	L12184-01	3/21/2007	Cr-51	-1.30E+01	1.70E+01	6.40E+01
TM	MR	L12184-01	3/21/2007	Cs-134	1.80E+00	2.20E+00	7.60E+00
TM	MR	L12184-01	3/21/2007	Cs-137	-3.10E+00	2.30E+00	9.00E+00
TM	MR	L12184-01	3/21/2007	Fe-59	2.30E+00	4.90E+00	1.80E+01
TM	MR	L12184-01	3/21/2007	I-131	4.30E-01	2.80E-01	7.40E-01
TM	MR	L12184-01	3/21/2007	K-40	1.68E+03	9.20E+01	1.00E+02 *
TM	MR	L12184-01	3/21/2007	La-140	3.60E+00	4.00E+00	1.40E+01
TM	MR	L12184-01	3/21/2007	Mn-54	1.10E+00	2.50E+00	8.80E+00
TM	MR	L12184-01	3/21/2007	Nb-95	-1.00E+00	2.50E+00	9.20E+00
TM	MR	L12184-01	3/21/2007	Ru-103	1.20E+00	2.10E+00	7.40E+00
TM	MR	L12184-01	3/21/2007	Ru-106	9.00E+00	1.80E+01	6.40E+01
TM	MR	L12184-01	3/21/2007	Sb-124	3.80E+00	5.50E+00	2.00E+01
TM	MR	L12184-01	3/21/2007	Sb-125	3.80E+00	5.20E+00	1.80E+01
TM	MR	L12184-01	3/21/2007	Se-75	1.00E+00	2.30E+00	7.80E+00
TM	MR	L12184-01	3/21/2007	Zn-65	-3.10E+00	5.90E+00	2.20E+01
TM	MR	L12184-01	3/21/2007	Zr-95	-5.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12184-02	3/21/2007	AcTh-228	2.00E+00	8.60E+00	3.00E+01
TM	SF	L12184-02	3/21/2007	Ag-108m	1.00E+00	1.50E+00	5.30E+00
TM	SF	L12184-02	3/21/2007	Ag-110m	1.80E+00	3.10E+00	1.10E+01
TM	SF	L12184-02	3/21/2007	Ba-140	-1.30E+00	3.30E+00	1.30E+01
TM	SF	L12184-02	3/21/2007	Be-7	-9.00E+00	1.50E+01	5.50E+01
TM	SF	L12184-02	3/21/2007	Ce-141	3.40E+00	2.70E+00	8.80E+00
TM	SF	L12184-02	3/21/2007	Ce-144	8.00E-01	9.50E+00	3.30E+01
TM	SF	L12184-02	3/21/2007	Co-57	-1.00E-01	1.20E+00	4.10E+00
TM	SF	L12184-02	3/21/2007	Co-58	-1.00E-01	1.80E+00	6.60E+00
TM	SF	L12184-02	3/21/2007	Co-60	-3.10E+00	2.30E+00	9.30E+00
TM	SF	L12184-02	3/21/2007	Cr-51	9.00E+00	1.60E+01	5.60E+01
TM	SF	L12184-02	3/21/2007	Cs-134	0.00E+00	2.00E+00	7.30E+00
TM	SF	L12184-02	3/21/2007	Cs-137	8.00E-01	2.00E+00	7.00E+00
TM	SF	L12184-02	3/21/2007	Fe-59	-1.90E+00	5.30E+00	1.90E+01
TM	SF	L12184-02	3/21/2007	I-131	-5.44E-02	9.80E-03	8.00E-01
TM	SF	L12184-02	3/21/2007	K-40	1.13E+03	7.10E+01	1.10E+02 *
TM	SF	L12184-02	3/21/2007	La-140	-1.50E+00	3.80E+00	1.50E+01
TM	SF	L12184-02	3/21/2007	Mn-54	-2.00E-01	2.00E+00	7.20E+00
TM	SF	L12184-02	3/21/2007	Nb-95	-5.00E-01	2.20E+00	8.00E+00
TM	SF	L12184-02	3/21/2007	Ru-103	-4.00E-01	1.90E+00	6.70E+00
TM	SF	L12184-02	3/21/2007	Ru-106	-4.00E+00	1.90E+01	6.70E+01
TM	SF	L12184-02	3/21/2007	Sb-124	-8.20E+00	5.00E+00	2.20E+01
TM	SF	L12184-02	3/21/2007	Sb-125	-2.90E+00	4.90E+00	1.80E+01
TM	SF	L12184-02	3/21/2007	Se-75	-6.00E-01	1.90E+00	6.90E+00
TM	SF	L12184-02	3/21/2007	Zn-65	-6.90E+00	4.60E+00	1.80E+01
TM	SF	L12184-02	3/21/2007	Zr-95	5.20E+00	3.50E+00	1.20E+01
TM	LF	L12184-03	3/21/2007	AcTh-228	1.34E+01	7.00E+00	2.30E+01
TM	LF	L12184-03	3/21/2007	Ag-108m	-9.00E-01	1.40E+00	5.00E+00
TM	LF	L12184-03	3/21/2007	Ag-110m	-2.90E+00	2.30E+00	8.80E+00
TM	LF	L12184-03	3/21/2007	Ba-140	-1.30E+00	3.10E+00	1.20E+01
TM	LF	L12184-03	3/21/2007	Be-7	-7.00E+00	1.30E+01	4.50E+01
TM	LF	L12184-03	3/21/2007	Ce-141	9.00E-01	2.20E+00	7.40E+00
TM	LF	L12184-03	3/21/2007	Ce-144	3.00E-01	8.30E+00	2.80E+01
TM	LF	L12184-03	3/21/2007	Co-57	4.00E-01	1.00E+00	3.50E+00
TM	LF	L12184-03	3/21/2007	Co-58	-2.60E+00	1.70E+00	6.40E+00
TM	LF	L12184-03	3/21/2007	Co-60	8.00E-01	2.20E+00	7.80E+00
TM	LF	L12184-03	3/21/2007	Cr-51	1.50E+01	1.30E+01	4.40E+01
TM	LF	L12184-03	3/21/2007	Cs-134	3.30E+00	2.00E+00	6.60E+00
TM	LF	L12184-03	3/21/2007	Cs-137	5.00E-01	1.60E+00	5.50E+00
TM	LF	L12184-03	3/21/2007	Fe-59	-4.80E+00	4.60E+00	1.70E+01
TM	LF	L12184-03	3/21/2007	I-131	-5.47E-02	9.90E-03	8.00E-01
TM	LF	L12184-03	3/21/2007	K-40	1.47E+03	6.70E+01	9.30E+01 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12184-03	3/21/2007	La-140	-1.50E+00	3.50E+00	1.30E+01
TM	LF	L12184-03	3/21/2007	Mn-54	1.40E+00	1.70E+00	5.70E+00
TM	LF	L12184-03	3/21/2007	Nb-95	0.00E+00	2.00E+00	7.20E+00
TM	LF	L12184-03	3/21/2007	Ru-103	-1.40E+00	1.70E+00	6.30E+00
TM	LF	L12184-03	3/21/2007	Ru-106	-3.70E+01	1.50E+01	5.80E+01
TM	LF	L12184-03	3/21/2007	Sb-124	2.80E+00	4.30E+00	1.50E+01
TM	LF	L12184-03	3/21/2007	Sb-125	-7.00E+00	4.20E+00	1.50E+01
TM	LF	L12184-03	3/21/2007	Se-75	-2.00E+00	1.70E+00	6.00E+00
TM	LF	L12184-03	3/21/2007	Zn-65	6.10E+00	4.50E+00	1.50E+01
TM	LF	L12184-03	3/21/2007	Zr-95	-3.90E+00	3.30E+00	1.20E+01
TM	MR	L12243-01	4/4/2007	AcTh-228	-1.22E+01	8.70E+00	3.30E+01
TM	MR	L12243-01	4/4/2007	Ag-108m	1.70E+00	1.90E+00	6.60E+00
TM	MR	L12243-01	4/4/2007	Ag-110m	1.40E+00	3.10E+00	1.10E+01
TM	MR	L12243-01	4/4/2007	Ba-140	-1.10E+00	2.20E+00	9.10E+00
TM	MR	L12243-01	4/4/2007	Be-7	1.60E+01	1.80E+01	6.20E+01
TM	MR	L12243-01	4/4/2007	Ce-141	-3.10E+00	3.30E+00	1.20E+01
TM	MR	L12243-01	4/4/2007	Ce-144	-1.50E+01	1.10E+01	3.90E+01
TM	MR	L12243-01	4/4/2007	Co-57	1.30E+00	1.40E+00	4.90E+00
TM	MR	L12243-01	4/4/2007	Co-58	0.00E+00	2.20E+00	7.90E+00
TM	MR	L12243-01	4/4/2007	Co-60	1.00E-01	2.20E+00	8.10E+00
TM	MR	L12243-01	4/4/2007	Cr-51	-3.00E+00	1.90E+01	6.60E+01
TM	MR	L12243-01	4/4/2007	Cs-134	2.80E+00	2.40E+00	8.10E+00
TM	MR	L12243-01	4/4/2007	Cs-137	-1.50E+00	2.00E+00	7.60E+00
TM	MR	L12243-01	4/4/2007	Fe-59	-2.50E+00	5.20E+00	1.90E+01
TM	MR	L12243-01	4/4/2007	I-131	-1.50E-01	1.10E-01	8.10E-01
TM	MR	L12243-01	4/4/2007	K-40	1.85E+03	8.50E+01	1.10E+02 *
TM	MR	L12243-01	4/4/2007	La-140	-1.30E+00	2.50E+00	1.00E+01
TM	MR	L12243-01	4/4/2007	Mn-54	-2.00E+00	2.10E+00	7.80E+00
TM	MR	L12243-01	4/4/2007	Nb-95	8.00E-01	2.20E+00	7.70E+00
TM	MR	L12243-01	4/4/2007	Ru-103	1.50E+00	2.10E+00	7.40E+00
TM	MR	L12243-01	4/4/2007	Ru-106	3.00E+01	1.90E+01	6.40E+01
TM	MR	L12243-01	4/4/2007	Sb-124	1.80E+00	2.50E+00	9.70E+00
TM	MR	L12243-01	4/4/2007	Sb-125	3.60E+00	5.00E+00	1.70E+01
TM	MR	L12243-01	4/4/2007	Se-75	-2.30E+00	2.60E+00	9.50E+00
TM	MR	L12243-01	4/4/2007	Zn-65	-1.24E+01	5.60E+00	2.20E+01
TM	MR	L12243-01	4/4/2007	Zr-95	0.00E+00	3.80E+00	1.40E+01
TM	SF	L12243-02	4/4/2007	AcTh-228	1.80E+00	7.20E+00	2.60E+01
TM	SF	L12243-02	4/4/2007	Ag-108m	-2.30E+00	1.50E+00	5.60E+00
TM	SF	L12243-02	4/4/2007	Ag-110m	-7.00E-01	2.80E+00	1.00E+01
TM	SF	L12243-02	4/4/2007	Ba-140	1.60E+00	2.90E+00	1.00E+01
TM	SF	L12243-02	4/4/2007	Be-7	1.40E+01	1.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12243-02	4/4/2007	Ce-141	3.90E+00	3.40E+00	1.10E+01
TM	SF	L12243-02	4/4/2007	Ce-144	-1.00E+00	1.00E+01	3.60E+01
TM	SF	L12243-02	4/4/2007	Co-57	2.10E+00	1.40E+00	4.70E+00
TM	SF	L12243-02	4/4/2007	Co-58	2.90E+00	1.90E+00	6.20E+00
TM	SF	L12243-02	4/4/2007	Co-60	-6.00E-01	2.10E+00	7.90E+00
TM	SF	L12243-02	4/4/2007	Cr-51	8.00E+00	1.70E+01	5.80E+01
TM	SF	L12243-02	4/4/2007	Cs-134	-1.50E+00	2.00E+00	7.50E+00
TM	SF	L12243-02	4/4/2007	Cs-137	-2.50E+00	1.80E+00	6.90E+00
TM	SF	L12243-02	4/4/2007	Fe-59	7.00E-01	4.70E+00	1.70E+01
TM	SF	L12243-02	4/4/2007	I-131	2.80E-01	2.60E-01	9.10E-01
TM	SF	L12243-02	4/4/2007	K-40	1.17E+03	6.70E+01	9.80E+01 *
TM	SF	L12243-02	4/4/2007	La-140	1.80E+00	3.30E+00	1.20E+01
TM	SF	L12243-02	4/4/2007	Mn-54	-1.40E+00	2.10E+00	7.80E+00
TM	SF	L12243-02	4/4/2007	Nb-95	1.50E+00	2.30E+00	8.00E+00
TM	SF	L12243-02	4/4/2007	Ru-103	-5.00E-01	2.30E+00	8.20E+00
TM	SF	L12243-02	4/4/2007	Ru-106	-2.80E+01	1.70E+01	6.50E+01
TM	SF	L12243-02	4/4/2007	Sb-124	4.30E+00	3.70E+00	1.30E+01
TM	SF	L12243-02	4/4/2007	Sb-125	0.00E+00	4.80E+00	1.70E+01
TM	SF	L12243-02	4/4/2007	Se-75	-2.20E+00	2.40E+00	8.70E+00
TM	SF	L12243-02	4/4/2007	Zn-65	9.30E+00	5.10E+00	1.70E+01
TM	SF	L12243-02	4/4/2007	Zr-95	5.30E+00	3.50E+00	1.10E+01
TM	LF	L12243-03	4/4/2007	AcTh-228	4.40E+00	7.90E+00	2.70E+01
TM	LF	L12243-03	4/4/2007	Ag-108m	0.00E+00	1.50E+00	5.30E+00
TM	LF	L12243-03	4/4/2007	Ag-110m	2.30E+00	2.80E+00	9.70E+00
TM	LF	L12243-03	4/4/2007	Ba-140	2.80E+00	3.30E+00	1.10E+01
TM	LF	L12243-03	4/4/2007	Be-7	2.00E+01	1.50E+01	4.90E+01
TM	LF	L12243-03	4/4/2007	Ce-141	-2.40E+00	2.60E+00	9.20E+00
TM	LF	L12243-03	4/4/2007	Ce-144	9.00E+00	9.90E+00	3.30E+01
TM	LF	L12243-03	4/4/2007	Co-57	1.40E+00	1.20E+00	4.10E+00
TM	LF	L12243-03	4/4/2007	Co-58	5.00E-01	2.00E+00	7.20E+00
TM	LF	L12243-03	4/4/2007	Co-60	-3.00E-01	2.00E+00	7.70E+00
TM	LF	L12243-03	4/4/2007	Cr-51	2.90E+01	1.60E+01	5.20E+01
TM	LF	L12243-03	4/4/2007	Cs-134	-1.20E+00	2.00E+00	7.60E+00
TM	LF	L12243-03	4/4/2007	Cs-137	-8.00E-01	2.10E+00	7.80E+00
TM	LF	L12243-03	4/4/2007	Fe-59	6.00E-01	4.60E+00	1.70E+01
TM	LF	L12243-03	4/4/2007	I-131	2.90E-01	2.60E-01	9.20E-01
TM	LF	L12243-03	4/4/2007	K-40	1.46E+03	7.60E+01	1.10E+02 *
TM	LF	L12243-03	4/4/2007	La-140	3.20E+00	3.70E+00	1.30E+01
TM	LF	L12243-03	4/4/2007	Mn-54	-2.00E-01	2.00E+00	7.40E+00
TM	LF	L12243-03	4/4/2007	Nb-95	3.30E+00	1.90E+00	6.10E+00
TM	LF	L12243-03	4/4/2007	Ru-103	-8.00E-01	1.80E+00	6.40E+00
TM	LF	L12243-03	4/4/2007	Ru-106	1.80E+01	1.70E+01	5.90E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12243-03	4/4/2007	Sb-124	9.00E-01	5.60E+00	2.10E+01
TM	LF	L12243-03	4/4/2007	Sb-125	3.10E+00	4.80E+00	1.70E+01
TM	LF	L12243-03	4/4/2007	Se-75	2.20E+00	2.30E+00	7.90E+00
TM	LF	L12243-03	4/4/2007	Zn-65	5.80E+00	4.20E+00	1.40E+01
TM	LF	L12243-03	4/4/2007	Zr-95	4.50E+00	3.30E+00	1.10E+01
TM	MR	L12303-01	4/18/2007	AcTh-228	-2.90E+00	4.80E+00	1.70E+01
TM	MR	L12303-01	4/18/2007	Ag-108m	-9.40E-01	9.40E-01	3.30E+00
TM	MR	L12303-01	4/18/2007	Ag-110m	0.00E+00	1.60E+00	5.70E+00
TM	MR	L12303-01	4/18/2007	Ba-140	9.00E-01	2.10E+00	7.30E+00
TM	MR	L12303-01	4/18/2007	Be-7	3.00E+00	1.00E+01	3.50E+01
TM	MR	L12303-01	4/18/2007	Ce-141	6.00E-01	2.00E+00	6.60E+00
TM	MR	L12303-01	4/18/2007	Ce-144	-3.50E+00	6.40E+00	2.20E+01
TM	MR	L12303-01	4/18/2007	Co-57	1.05E+00	8.30E-01	2.70E+00
TM	MR	L12303-01	4/18/2007	Co-58	-1.90E+00	1.30E+00	4.70E+00
TM	MR	L12303-01	4/18/2007	Co-60	9.00E-01	1.40E+00	4.70E+00
TM	MR	L12303-01	4/18/2007	Cr-51	4.00E+00	1.10E+01	3.70E+01
TM	MR	L12303-01	4/18/2007	Cs-134	-2.00E-01	1.30E+00	4.60E+00
TM	MR	L12303-01	4/18/2007	Cs-137	-1.00E-01	1.20E+00	4.20E+00
TM	MR	L12303-01	4/18/2007	Fe-59	3.20E+00	3.10E+00	1.00E+01
TM	MR	L12303-01	4/18/2007	I-131	1.00E-02	1.70E-01	8.60E-01
TM	MR	L12303-01	4/18/2007	K-40	1.90E+03	5.00E+01	5.80E+01 *
TM	MR	L12303-01	4/18/2007	La-140	1.00E+00	2.40E+00	8.40E+00
TM	MR	L12303-01	4/18/2007	Mn-54	-7.00E-01	1.20E+00	4.30E+00
TM	MR	L12303-01	4/18/2007	Nb-95	6.00E-01	1.60E+00	5.40E+00
TM	MR	L12303-01	4/18/2007	Ru-103	1.00E-01	1.40E+00	4.70E+00
TM	MR	L12303-01	4/18/2007	Ru-106	-6.00E+00	1.10E+01	4.00E+01
TM	MR	L12303-01	4/18/2007	Sb-124	1.30E+00	2.50E+00	8.90E+00
TM	MR	L12303-01	4/18/2007	Sb-125	1.50E+00	3.00E+00	1.00E+01
TM	MR	L12303-01	4/18/2007	Se-75	0.00E+00	1.40E+00	4.90E+00
TM	MR	L12303-01	4/18/2007	Zn-65	-1.70E+00	3.10E+00	1.10E+01
TM	MR	L12303-01	4/18/2007	Zr-95	-2.00E-01	2.30E+00	8.10E+00
TM	SF	L12303-02	4/18/2007	AcTh-228	-1.80E+00	7.50E+00	2.70E+01
TM	SF	L12303-02	4/18/2007	Ag-108m	-3.00E-01	1.40E+00	4.80E+00
TM	SF	L12303-02	4/18/2007	Ag-110m	-2.90E+00	2.60E+00	9.60E+00
TM	SF	L12303-02	4/18/2007	Ba-140	-1.40E+00	2.80E+00	1.10E+01
TM	SF	L12303-02	4/18/2007	Be-7	3.00E+00	1.40E+01	5.00E+01
TM	SF	L12303-02	4/18/2007	Ce-141	3.40E+00	2.40E+00	7.80E+00
TM	SF	L12303-02	4/18/2007	Ce-144	-1.06E+01	8.40E+00	2.90E+01
TM	SF	L12303-02	4/18/2007	Co-57	-5.00E-01	1.10E+00	3.60E+00
TM	SF	L12303-02	4/18/2007	Co-58	1.50E+00	1.60E+00	5.60E+00
TM	SF	L12303-02	4/18/2007	Co-60	-2.00E-01	2.20E+00	8.00E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12303-02	4/18/2007	Cr-51	-4.00E+00	1.30E+01	4.70E+01
TM	SF	L12303-02	4/18/2007	Cs-134	2.90E+00	1.90E+00	6.40E+00
TM	SF	L12303-02	4/18/2007	Cs-137	-1.60E+00	1.70E+00	6.30E+00
TM	SF	L12303-02	4/18/2007	Fe-59	-4.50E+00	4.20E+00	1.60E+01
TM	SF	L12303-02	4/18/2007	I-131	1.00E-02	1.60E-01	8.20E-01
TM	SF	L12303-02	4/18/2007	K-40	1.14E+03	6.20E+01	1.10E+02 *
TM	SF	L12303-02	4/18/2007	La-140	-1.60E+00	3.20E+00	1.30E+01
TM	SF	L12303-02	4/18/2007	Mn-54	-1.40E+00	2.00E+00	7.10E+00
TM	SF	L12303-02	4/18/2007	Nb-95	1.90E+00	1.90E+00	6.60E+00
TM	SF	L12303-02	4/18/2007	Ru-103	-1.00E+00	1.70E+00	6.30E+00
TM	SF	L12303-02	4/18/2007	Ru-106	-1.00E+00	1.50E+01	5.20E+01
TM	SF	L12303-02	4/18/2007	Sb-124	-5.80E+00	4.00E+00	1.70E+01
TM	SF	L12303-02	4/18/2007	Sb-125	-1.00E+00	4.20E+00	1.50E+01
TM	SF	L12303-02	4/18/2007	Se-75	-1.70E+00	1.70E+00	6.20E+00
TM	SF	L12303-02	4/18/2007	Zn-65	-1.02E+01	4.60E+00	1.80E+01
TM	SF	L12303-02	4/18/2007	Zr-95	1.40E+00	3.00E+00	1.00E+01
TM	LF	L12303-03	4/18/2007	AcTh-228	1.11E+01	4.50E+00	1.40E+01
TM	LF	L12303-03	4/18/2007	Ag-108m	-1.20E-01	9.60E-01	3.30E+00
TM	LF	L12303-03	4/18/2007	Ag-110m	-8.00E-01	1.50E+00	5.40E+00
TM	LF	L12303-03	4/18/2007	Ba-140	-2.00E-01	2.00E+00	7.30E+00
TM	LF	L12303-03	4/18/2007	Be-7	1.20E+01	1.00E+01	3.40E+01
TM	LF	L12303-03	4/18/2007	Ce-141	1.80E+00	1.80E+00	6.10E+00
TM	LF	L12303-03	4/18/2007	Ce-144	1.20E+01	6.30E+00	2.10E+01
TM	LF	L12303-03	4/18/2007	Co-57	1.95E+00	8.10E-01	2.60E+00
TM	LF	L12303-03	4/18/2007	Co-58	-1.00E-01	1.10E+00	3.90E+00
TM	LF	L12303-03	4/18/2007	Co-60	-3.00E-01	1.30E+00	4.70E+00
TM	LF	L12303-03	4/18/2007	Cr-51	1.70E+01	1.10E+01	3.70E+01
TM	LF	L12303-03	4/18/2007	Cs-134	1.30E+00	1.30E+00	4.30E+00
TM	LF	L12303-03	4/18/2007	Cs-137	1.10E+00	1.20E+00	3.90E+00
TM	LF	L12303-03	4/18/2007	Fe-59	4.00E+00	2.80E+00	9.30E+00
TM	LF	L12303-03	4/18/2007	I-131	-1.50E-01	1.30E-01	9.30E-01
TM	LF	L12303-03	4/18/2007	K-40	1.41E+03	4.20E+01	5.00E+01 *
TM	LF	L12303-03	4/18/2007	La-140	-3.00E-01	2.30E+00	8.40E+00
TM	LF	L12303-03	4/18/2007	Mn-54	-4.00E-01	1.00E+00	3.70E+00
TM	LF	L12303-03	4/18/2007	Nb-95	-2.50E+00	1.40E+00	5.00E+00
TM	LF	L12303-03	4/18/2007	Ru-103	-1.80E+00	1.20E+00	4.30E+00
TM	LF	L12303-03	4/18/2007	Ru-106	-5.00E+00	1.00E+01	3.50E+01
TM	LF	L12303-03	4/18/2007	Sb-124	-3.60E+00	2.60E+00	1.00E+01
TM	LF	L12303-03	4/18/2007	Sb-125	3.10E+00	3.00E+00	1.00E+01
TM	LF	L12303-03	4/18/2007	Se-75	1.00E-01	1.30E+00	4.30E+00
TM	LF	L12303-03	4/18/2007	Zn-65	6.00E-01	2.80E+00	9.50E+00
TM	LF	L12303-03	4/18/2007	Zr-95	-7.00E-01	1.90E+00	6.80E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12376-01	5/2/2007	AcTh-228	1.00E+01	1.00E+01	3.40E+01
TM	MR	L12376-01	5/2/2007	Ag-108m	-1.70E+00	1.80E+00	6.60E+00
TM	MR	L12376-01	5/2/2007	Ag-110m	-3.40E+00	3.20E+00	1.20E+01
TM	MR	L12376-01	5/2/2007	Ba-140	-6.00E-01	3.10E+00	1.20E+01
TM	MR	L12376-01	5/2/2007	Be-7	8.00E+00	1.60E+01	5.70E+01
TM	MR	L12376-01	5/2/2007	Ce-141	-6.00E-01	2.90E+00	1.00E+01
TM	MR	L12376-01	5/2/2007	Ce-144	5.00E+00	1.00E+01	3.40E+01
TM	MR	L12376-01	5/2/2007	Co-57	1.10E+00	1.30E+00	4.40E+00
TM	MR	L12376-01	5/2/2007	Co-58	1.30E+00	2.30E+00	7.90E+00
TM	MR	L12376-01	5/2/2007	Co-60	6.20E+00	2.90E+00	9.00E+00
TM	MR	L12376-01	5/2/2007	Cr-51	0.00E+00	1.80E+01	6.40E+01
TM	MR	L12376-01	5/2/2007	Cs-134	-1.00E-01	1.90E+00	7.20E+00
TM	MR	L12376-01	5/2/2007	Cs-137	-7.00E-01	2.50E+00	8.80E+00
TM	MR	L12376-01	5/2/2007	Fe-59	-2.60E+00	5.30E+00	2.00E+01
TM	MR	L12376-01	5/2/2007	I-131	5.00E-02	1.50E-01	7.00E-01
TM	MR	L12376-01	5/2/2007	K-40	1.78E+03	9.00E+01	1.20E+02 *
TM	MR	L12376-01	5/2/2007	La-140	-7.00E-01	3.60E+00	1.40E+01
TM	MR	L12376-01	5/2/2007	Mn-54	4.80E+00	2.10E+00	6.50E+00
TM	MR	L12376-01	5/2/2007	Nb-95	2.40E+00	2.30E+00	8.00E+00
TM	MR	L12376-01	5/2/2007	Ru-103	8.00E-01	2.30E+00	8.00E+00
TM	MR	L12376-01	5/2/2007	Ru-106	5.50E+01	2.10E+01	6.50E+01
TM	MR	L12376-01	5/2/2007	Sb-124	-3.20E+00	4.90E+00	2.00E+01
TM	MR	L12376-01	5/2/2007	Sb-125	5.30E+00	5.10E+00	1.70E+01
TM	MR	L12376-01	5/2/2007	Se-75	3.10E+00	2.10E+00	6.90E+00
TM	MR	L12376-01	5/2/2007	Zn-65	2.70E+00	5.80E+00	2.00E+01
TM	MR	L12376-01	5/2/2007	Zr-95	6.50E+00	3.40E+00	1.10E+01
TM	SF	L12376-02	5/2/2007	AcTh-228	1.06E+01	8.40E+00	2.80E+01
TM	SF	L12376-02	5/2/2007	Ag-108m	1.20E+00	1.40E+00	4.90E+00
TM	SF	L12376-02	5/2/2007	Ag-110m	-3.10E+00	2.60E+00	9.70E+00
TM	SF	L12376-02	5/2/2007	Ba-140	-3.30E+00	3.10E+00	1.20E+01
TM	SF	L12376-02	5/2/2007	Be-7	-1.30E+01	1.40E+01	5.10E+01
TM	SF	L12376-02	5/2/2007	Ce-141	-4.20E+00	2.80E+00	9.80E+00
TM	SF	L12376-02	5/2/2007	Ce-144	-2.10E+00	8.90E+00	3.10E+01
TM	SF	L12376-02	5/2/2007	Co-57	7.00E-01	1.20E+00	4.10E+00
TM	SF	L12376-02	5/2/2007	Co-58	8.00E-01	1.80E+00	6.40E+00
TM	SF	L12376-02	5/2/2007	Co-60	1.80E+00	2.10E+00	7.30E+00
TM	SF	L12376-02	5/2/2007	Cr-51	6.00E+00	1.60E+01	5.50E+01
TM	SF	L12376-02	5/2/2007	Cs-134	-1.00E-01	1.80E+00	6.50E+00
TM	SF	L12376-02	5/2/2007	Cs-137	1.00E-01	2.00E+00	7.00E+00
TM	SF	L12376-02	5/2/2007	Fe-59	3.30E+00	4.30E+00	1.50E+01
TM	SF	L12376-02	5/2/2007	I-131	2.00E-02	1.70E-01	8.40E-01
TM	SF	L12376-02	5/2/2007	K-40	1.39E+03	6.90E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12376-02	5/2/2007	La-140	-3.70E+00	3.60E+00	1.40E+01
TM	SF	L12376-02	5/2/2007	Mn-54	4.00E-01	1.90E+00	6.60E+00
TM	SF	L12376-02	5/2/2007	Nb-95	2.30E+00	2.00E+00	6.60E+00
TM	SF	L12376-02	5/2/2007	Ru-103	-2.40E+00	1.80E+00	6.70E+00
TM	SF	L12376-02	5/2/2007	Ru-106	-2.40E+01	1.60E+01	6.20E+01
TM	SF	L12376-02	5/2/2007	Sb-124	-8.00E-01	4.30E+00	1.60E+01
TM	SF	L12376-02	5/2/2007	Sb-125	2.20E+00	4.60E+00	1.60E+01
TM	SF	L12376-02	5/2/2007	Se-75	-6.00E-01	2.20E+00	7.50E+00
TM	SF	L12376-02	5/2/2007	Zn-65	-3.40E+00	4.60E+00	1.70E+01
TM	SF	L12376-02	5/2/2007	Zr-95	-6.80E+00	3.20E+00	1.30E+01
TM	LF	L12376-03	5/2/2007	AcTh-228	-1.34E+01	9.90E+00	4.10E+01
TM	LF	L12376-03	5/2/2007	Ag-108m	-2.20E+00	2.10E+00	8.50E+00
TM	LF	L12376-03	5/2/2007	Ag-110m	2.00E+00	4.20E+00	1.50E+01
TM	LF	L12376-03	5/2/2007	Ba-140	-5.20E+00	3.40E+00	1.60E+01
TM	LF	L12376-03	5/2/2007	Be-7	-1.50E+01	2.30E+01	8.80E+01
TM	LF	L12376-03	5/2/2007	Ce-141	2.70E+00	4.50E+00	1.50E+01
TM	LF	L12376-03	5/2/2007	Ce-144	-1.70E+01	1.40E+01	5.30E+01
TM	LF	L12376-03	5/2/2007	Co-57	4.80E+00	1.90E+00	6.00E+00
TM	LF	L12376-03	5/2/2007	Co-58	-2.00E+00	2.30E+00	9.60E+00
TM	LF	L12376-03	5/2/2007	Co-60	4.00E+00	3.30E+00	1.10E+01
TM	LF	L12376-03	5/2/2007	Cr-51	-9.00E+00	2.30E+01	8.70E+01
TM	LF	L12376-03	5/2/2007	Cs-134	5.00E-01	3.10E+00	1.10E+01
TM	LF	L12376-03	5/2/2007	Cs-137	-3.80E+00	2.30E+00	1.00E+01
TM	LF	L12376-03	5/2/2007	Fe-59	-4.50E+00	6.60E+00	2.60E+01
TM	LF	L12376-03	5/2/2007	I-131	2.30E-01	2.40E-01	8.90E-01
TM	LF	L12376-03	5/2/2007	K-40	1.27E+03	1.00E+02	1.60E+02 *
TM	LF	L12376-03	5/2/2007	La-140	-6.00E+00	4.00E+00	1.90E+01 +
TM	LF	L12376-03	5/2/2007	Mn-54	1.90E+00	3.00E+00	1.10E+01
TM	LF	L12376-03	5/2/2007	Nb-95	-1.00E+00	3.10E+00	1.20E+01
TM	LF	L12376-03	5/2/2007	Ru-103	1.80E+00	3.20E+00	1.10E+01
TM	LF	L12376-03	5/2/2007	Ru-106	2.10E+01	2.60E+01	9.10E+01
TM	LF	L12376-03	5/2/2007	Sb-124	-5.10E+00	6.20E+00	2.70E+01
TM	LF	L12376-03	5/2/2007	Sb-125	7.80E+00	7.30E+00	2.50E+01
TM	LF	L12376-03	5/2/2007	Se-75	4.00E-01	3.30E+00	1.20E+01
TM	LF	L12376-03	5/2/2007	Zn-65	-1.15E+01	8.00E+00	3.20E+01
TM	LF	L12376-03	5/2/2007	Zr-95	-5.90E+00	5.70E+00	2.20E+01
TM	MR	L12427-01	5/16/2007	AcTh-228	3.00E-01	7.30E+00	2.50E+01
TM	MR	L12427-01	5/16/2007	Ag-108m	2.40E+00	1.30E+00	4.10E+00
TM	MR	L12427-01	5/16/2007	Ag-110m	-2.50E+00	2.40E+00	8.80E+00
TM	MR	L12427-01	5/16/2007	Ba-140	4.50E+00	2.20E+00	7.00E+00
TM	MR	L12427-01	5/16/2007	Be-7	-8.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12427-01	5/16/2007	Ce-141	2.20E+00	2.30E+00	7.80E+00
TM	MR	L12427-01	5/16/2007	Ce-144	-9.10E+00	7.50E+00	2.60E+01
TM	MR	L12427-01	5/16/2007	Co-57	-1.40E+00	1.00E+00	3.60E+00
TM	MR	L12427-01	5/16/2007	Co-58	1.60E+00	1.60E+00	5.50E+00
TM	MR	L12427-01	5/16/2007	Co-60	-1.30E+00	1.80E+00	6.80E+00
TM	MR	L12427-01	5/16/2007	Cr-51	2.10E+01	1.40E+01	4.50E+01
TM	MR	L12427-01	5/16/2007	Cs-134	0.00E+00	1.70E+00	6.10E+00
TM	MR	L12427-01	5/16/2007	Cs-137	-2.60E+00	1.60E+00	5.80E+00
TM	MR	L12427-01	5/16/2007	Fe-59	7.00E-01	4.00E+00	1.40E+01
TM	MR	L12427-01	5/16/2007	I-131	-8.00E-02	1.30E-02	7.30E-01
TM	MR	L12427-01	5/16/2007	K-40	1.78E+03	6.60E+01	8.40E+01 *
TM	MR	L12427-01	5/16/2007	La-140	5.10E+00	2.60E+00	8.10E+00
TM	MR	L12427-01	5/16/2007	Mn-54	-2.30E+00	1.60E+00	6.00E+00
TM	MR	L12427-01	5/16/2007	Nb-95	-4.00E-01	1.60E+00	5.90E+00
TM	MR	L12427-01	5/16/2007	Ru-103	0.00E+00	1.60E+00	5.50E+00
TM	MR	L12427-01	5/16/2007	Ru-106	4.10E+01	1.50E+01	4.70E+01
TM	MR	L12427-01	5/16/2007	Sb-124	1.20E+00	3.50E+00	1.30E+01
TM	MR	L12427-01	5/16/2007	Sb-125	-5.50E+00	3.80E+00	1.40E+01
TM	MR	L12427-01	5/16/2007	Se-75	3.30E+00	1.80E+00	6.00E+00
TM	MR	L12427-01	5/16/2007	Zn-65	-7.00E-01	4.00E+00	1.40E+01
TM	MR	L12427-01	5/16/2007	Zr-95	3.00E-01	2.70E+00	9.50E+00
TM	SF	L12427-02	5/16/2007	AcTh-228	-3.80E+00	7.00E+00	2.50E+01
TM	SF	L12427-02	5/16/2007	Ag-108m	6.00E-01	1.10E+00	3.70E+00
TM	SF	L12427-02	5/16/2007	Ag-110m	4.70E+00	2.00E+00	6.10E+00
TM	SF	L12427-02	5/16/2007	Ba-140	-4.00E-01	2.60E+00	9.60E+00
TM	SF	L12427-02	5/16/2007	Be-7	-3.00E+00	1.20E+01	4.20E+01
TM	SF	L12427-02	5/16/2007	Ce-141	-6.00E-01	2.10E+00	7.30E+00
TM	SF	L12427-02	5/16/2007	Ce-144	1.00E+00	6.10E+00	2.10E+01
TM	SF	L12427-02	5/16/2007	Co-57	1.15E+00	9.20E-01	3.10E+00
TM	SF	L12427-02	5/16/2007	Co-58	-1.50E+00	1.60E+00	5.80E+00
TM	SF	L12427-02	5/16/2007	Co-60	1.40E+00	2.00E+00	6.90E+00
TM	SF	L12427-02	5/16/2007	Cr-51	-2.00E+00	1.10E+01	4.00E+01
TM	SF	L12427-02	5/16/2007	Cs-134	-2.80E+00	1.70E+00	6.30E+00
TM	SF	L12427-02	5/16/2007	Cs-137	-1.50E+00	1.40E+00	5.20E+00
TM	SF	L12427-02	5/16/2007	Fe-59	3.40E+00	3.70E+00	1.30E+01
TM	SF	L12427-02	5/16/2007	I-131	-1.05E-01	1.60E-02	8.30E-01
TM	SF	L12427-02	5/16/2007	K-40	1.27E+03	6.00E+01	9.80E+01 *
TM	SF	L12427-02	5/16/2007	La-140	-5.00E-01	2.90E+00	1.10E+01
TM	SF	L12427-02	5/16/2007	Mn-54	5.00E-01	1.50E+00	5.30E+00
TM	SF	L12427-02	5/16/2007	Nb-95	-3.00E-01	1.80E+00	6.20E+00
TM	SF	L12427-02	5/16/2007	Ru-103	-6.00E-01	1.50E+00	5.30E+00
TM	SF	L12427-02	5/16/2007	Ru-106	9.00E+00	1.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12427-02	5/16/2007	Sb-124	5.60E+00	4.10E+00	1.40E+01
TM	SF	L12427-02	5/16/2007	Sb-125	-5.00E-01	3.50E+00	1.20E+01
TM	SF	L12427-02	5/16/2007	Se-75	2.00E-01	1.50E+00	5.20E+00
TM	SF	L12427-02	5/16/2007	Zn-65	-4.20E+00	3.60E+00	1.40E+01
TM	SF	L12427-02	5/16/2007	Zr-95	1.70E+00	2.90E+00	1.00E+01
TM	LF	L12427-03	5/16/2007	AcTh-228	5.40E+00	7.70E+00	2.70E+01
TM	LF	L12427-03	5/16/2007	Ag-108m	-2.10E+00	1.70E+00	6.20E+00
TM	LF	L12427-03	5/16/2007	Ag-110m	-1.00E+00	2.70E+00	1.00E+01
TM	LF	L12427-03	5/16/2007	Ba-140	-5.00E-01	3.10E+00	1.20E+01
TM	LF	L12427-03	5/16/2007	Be-7	-7.00E+00	1.70E+01	6.30E+01
TM	LF	L12427-03	5/16/2007	Ce-141	-9.00E-01	3.20E+00	1.10E+01
TM	LF	L12427-03	5/16/2007	Ce-144	8.00E+00	1.00E+01	3.50E+01
TM	LF	L12427-03	5/16/2007	Co-57	1.20E+00	1.30E+00	4.50E+00
TM	LF	L12427-03	5/16/2007	Co-58	7.00E-01	1.90E+00	6.90E+00
TM	LF	L12427-03	5/16/2007	Co-60	-6.00E-01	1.80E+00	6.90E+00
TM	LF	L12427-03	5/16/2007	Cr-51	1.00E+00	1.90E+01	6.60E+01
TM	LF	L12427-03	5/16/2007	Cs-134	2.50E+00	2.20E+00	7.50E+00
TM	LF	L12427-03	5/16/2007	Cs-137	-1.00E+00	1.90E+00	7.10E+00
TM	LF	L12427-03	5/16/2007	Fe-59	1.20E+00	4.70E+00	1.70E+01
TM	LF	L12427-03	5/16/2007	I-131	6.00E-02	1.30E-01	7.00E-01
TM	LF	L12427-03	5/16/2007	K-40	1.39E+03	7.30E+01	1.10E+02 *
TM	LF	L12427-03	5/16/2007	La-140	-6.00E-01	3.60E+00	1.40E+01
TM	LF	L12427-03	5/16/2007	Mn-54	-2.50E+00	1.70E+00	6.80E+00
TM	LF	L12427-03	5/16/2007	Nb-95	2.00E-01	2.30E+00	8.20E+00
TM	LF	L12427-03	5/16/2007	Ru-103	-2.40E+00	2.10E+00	7.90E+00
TM	LF	L12427-03	5/16/2007	Ru-106	1.20E+01	1.60E+01	5.50E+01
TM	LF	L12427-03	5/16/2007	Sb-124	-8.00E-01	3.80E+00	1.50E+01
TM	LF	L12427-03	5/16/2007	Sb-125	-7.50E+00	4.50E+00	1.70E+01
TM	LF	L12427-03	5/16/2007	Se-75	-5.00E-01	2.40E+00	8.30E+00
TM	LF	L12427-03	5/16/2007	Zn-65	1.80E+00	4.70E+00	1.60E+01
TM	LF	L12427-03	5/16/2007	Zr-95	-9.80E+00	3.50E+00	1.40E+01
TM	MR	L12488-01	5/30/2007	AcTh-228	-9.30E+00	8.80E+00	3.20E+01
TM	MR	L12488-01	5/30/2007	Ag-108m	3.00E-01	1.60E+00	5.60E+00
TM	MR	L12488-01	5/30/2007	Ag-110m	3.70E+00	3.00E+00	1.00E+01
TM	MR	L12488-01	5/30/2007	Ba-140	2.20E+00	3.30E+00	1.20E+01
TM	MR	L12488-01	5/30/2007	Be-7	5.00E+00	1.50E+01	5.20E+01
TM	MR	L12488-01	5/30/2007	Ce-141	4.00E-01	1.70E+00	6.10E+00
TM	MR	L12488-01	5/30/2007	Ce-144	-1.40E+00	9.20E+00	3.20E+01
TM	MR	L12488-01	5/30/2007	Co-57	6.00E-01	1.30E+00	4.30E+00
TM	MR	L12488-01	5/30/2007	Co-58	-1.90E+00	2.20E+00	8.00E+00
TM	MR	L12488-01	5/30/2007	Co-60	-2.70E+00	2.40E+00	9.40E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12488-01	5/30/2007	Cr-51	1.00E+01	1.50E+01	5.10E+01
TM	MR	L12488-01	5/30/2007	Cs-134	1.30E+00	2.30E+00	7.90E+00
TM	MR	L12488-01	5/30/2007	Cs-137	2.40E+00	1.70E+00	5.60E+00
TM	MR	L12488-01	5/30/2007	Fe-59	-1.60E+00	4.80E+00	1.70E+01
TM	MR	L12488-01	5/30/2007	I-131	-1.08E-01	1.60E-02	6.30E-01
TM	MR	L12488-01	5/30/2007	K-40	1.88E+03	8.40E+01	1.10E+02 *
TM	MR	L12488-01	5/30/2007	La-140	2.50E+00	3.80E+00	1.40E+01
TM	MR	L12488-01	5/30/2007	Mn-54	-8.00E-01	2.10E+00	7.60E+00
TM	MR	L12488-01	5/30/2007	Nb-95	-1.60E+00	2.30E+00	8.40E+00
TM	MR	L12488-01	5/30/2007	Ru-103	-1.90E+00	2.00E+00	7.30E+00
TM	MR	L12488-01	5/30/2007	Ru-106	-1.70E+01	1.70E+01	6.50E+01
TM	MR	L12488-01	5/30/2007	Sb-124	-1.07E+01	4.90E+00	2.10E+01
TM	MR	L12488-01	5/30/2007	Sb-125	-4.00E-01	5.00E+00	1.80E+01
TM	MR	L12488-01	5/30/2007	Se-75	-8.00E-01	2.00E+00	7.00E+00
TM	MR	L12488-01	5/30/2007	Zn-65	1.70E+00	5.50E+00	1.90E+01
TM	MR	L12488-01	5/30/2007	Zr-95	3.10E+00	3.50E+00	1.20E+01
TM	SF	L12488-02	5/30/2007	AcTh-228	2.10E+01	8.00E+00	2.40E+01
TM	SF	L12488-02	5/30/2007	Ag-108m	3.10E+00	1.50E+00	4.90E+00
TM	SF	L12488-02	5/30/2007	Ag-110m	0.00E+00	2.90E+00	1.00E+01
TM	SF	L12488-02	5/30/2007	Ba-140	-2.40E+00	2.80E+00	1.20E+01
TM	SF	L12488-02	5/30/2007	Be-7	-3.00E+00	1.90E+01	6.80E+01
TM	SF	L12488-02	5/30/2007	Ce-141	-7.00E-01	3.30E+00	1.10E+01
TM	SF	L12488-02	5/30/2007	Ce-144	-1.00E+01	1.10E+01	3.90E+01
TM	SF	L12488-02	5/30/2007	Co-57	-1.10E+00	1.40E+00	5.10E+00
TM	SF	L12488-02	5/30/2007	Co-58	-6.00E-01	2.30E+00	8.30E+00
TM	SF	L12488-02	5/30/2007	Co-60	2.60E+00	1.90E+00	6.20E+00
TM	SF	L12488-02	5/30/2007	Cr-51	-8.00E+00	1.90E+01	6.90E+01
TM	SF	L12488-02	5/30/2007	Cs-134	3.90E+00	2.30E+00	7.60E+00
TM	SF	L12488-02	5/30/2007	Cs-137	2.90E+00	2.10E+00	6.90E+00
TM	SF	L12488-02	5/30/2007	Fe-59	9.00E-01	4.60E+00	1.70E+01
TM	SF	L12488-02	5/30/2007	I-131	-1.34E-01	2.10E-02	6.70E-01
TM	SF	L12488-02	5/30/2007	K-40	1.30E+03	7.60E+01	1.20E+02 *
TM	SF	L12488-02	5/30/2007	La-140	-2.70E+00	3.20E+00	1.30E+01
TM	SF	L12488-02	5/30/2007	Mn-54	0.00E+00	1.80E+00	6.50E+00
TM	SF	L12488-02	5/30/2007	Nb-95	-4.00E+00	2.20E+00	8.70E+00
TM	SF	L12488-02	5/30/2007	Ru-103	1.20E+00	2.40E+00	8.40E+00
TM	SF	L12488-02	5/30/2007	Ru-106	-3.70E+01	1.90E+01	7.40E+01
TM	SF	L12488-02	5/30/2007	Sb-124	-1.90E+00	4.10E+00	1.70E+01
TM	SF	L12488-02	5/30/2007	Sb-125	-3.90E+00	5.30E+00	2.00E+01
TM	SF	L12488-02	5/30/2007	Se-75	-6.00E-01	2.50E+00	9.00E+00
TM	SF	L12488-02	5/30/2007	Zn-65	2.30E+00	4.60E+00	1.60E+01
TM	SF	L12488-02	5/30/2007	Zr-95	-7.70E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12488-03	5/30/2007	AcTh-228	-6.90E+00	6.40E+00	2.30E+01
TM	LF	L12488-03	5/30/2007	Ag-108m	6.00E-01	1.10E+00	3.90E+00
TM	LF	L12488-03	5/30/2007	Ag-110m	8.00E-01	2.00E+00	7.00E+00
TM	LF	L12488-03	5/30/2007	Ba-140	-1.10E+00	2.50E+00	9.30E+00
TM	LF	L12488-03	5/30/2007	Be-7	-1.80E+01	1.20E+01	4.50E+01
TM	LF	L12488-03	5/30/2007	Ce-141	4.00E-01	2.20E+00	7.50E+00
TM	LF	L12488-03	5/30/2007	Ce-144	-6.70E+00	8.00E+00	2.80E+01
TM	LF	L12488-03	5/30/2007	Co-57	-7.00E-01	1.10E+00	3.70E+00
TM	LF	L12488-03	5/30/2007	Co-58	3.80E+00	1.60E+00	5.00E+00
TM	LF	L12488-03	5/30/2007	Co-60	-8.00E-01	1.70E+00	6.30E+00
TM	LF	L12488-03	5/30/2007	Cr-51	2.40E+01	1.40E+01	4.40E+01
TM	LF	L12488-03	5/30/2007	Cs-134	5.00E-01	1.50E+00	5.40E+00
TM	LF	L12488-03	5/30/2007	Cs-137	-1.30E+00	1.40E+00	5.20E+00
TM	LF	L12488-03	5/30/2007	Fe-59	-2.20E+00	3.70E+00	1.30E+01
TM	LF	L12488-03	5/30/2007	I-131	-1.00E-02	1.00E-01	6.30E-01
TM	LF	L12488-03	5/30/2007	K-40	1.51E+03	5.80E+01	7.60E+01 *
TM	LF	L12488-03	5/30/2007	La-140	-1.20E+00	2.80E+00	1.10E+01
TM	LF	L12488-03	5/30/2007	Mn-54	-3.80E+00	1.50E+00	6.00E+00
TM	LF	L12488-03	5/30/2007	Nb-95	-5.00E-01	1.80E+00	6.50E+00
TM	LF	L12488-03	5/30/2007	Ru-103	1.00E-01	1.60E+00	5.60E+00
TM	LF	L12488-03	5/30/2007	Ru-106	-8.00E+00	1.40E+01	5.00E+01
TM	LF	L12488-03	5/30/2007	Sb-124	0.00E+00	3.30E+00	1.20E+01
TM	LF	L12488-03	5/30/2007	Sb-125	3.00E-01	3.60E+00	1.30E+01
TM	LF	L12488-03	5/30/2007	Se-75	-4.00E-01	1.80E+00	6.30E+00
TM	LF	L12488-03	5/30/2007	Zn-65	5.20E+00	3.60E+00	1.20E+01
TM	LF	L12488-03	5/30/2007	Zr-95	1.00E+00	2.70E+00	9.60E+00
TM	MR	L12545-01	6/13/2007	AcTh-228	-2.26E+01	9.90E+00	4.10E+01
TM	MR	L12545-01	6/13/2007	Ag-108m	1.20E+00	2.00E+00	7.00E+00
TM	MR	L12545-01	6/13/2007	Ag-110m	0.00E+00	3.60E+00	1.30E+01
TM	MR	L12545-01	6/13/2007	Ba-140	3.90E+00	2.80E+00	9.30E+00
TM	MR	L12545-01	6/13/2007	Be-7	-5.00E+00	2.10E+01	7.60E+01
TM	MR	L12545-01	6/13/2007	Ce-141	-1.60E+00	4.10E+00	1.40E+01
TM	MR	L12545-01	6/13/2007	Ce-144	-1.00E+00	1.30E+01	4.50E+01
TM	MR	L12545-01	6/13/2007	Co-57	2.10E+00	1.70E+00	5.50E+00
TM	MR	L12545-01	6/13/2007	Co-58	-1.50E+00	2.60E+00	1.00E+01
TM	MR	L12545-01	6/13/2007	Co-60	-2.00E-01	2.40E+00	9.30E+00
TM	MR	L12545-01	6/13/2007	Cr-51	2.20E+01	2.20E+01	7.50E+01
TM	MR	L12545-01	6/13/2007	Cs-134	-2.00E+00	2.90E+00	1.10E+01
TM	MR	L12545-01	6/13/2007	Cs-137	9.00E-01	2.40E+00	8.70E+00
TM	MR	L12545-01	6/13/2007	Fe-59	-4.40E+00	6.40E+00	2.40E+01
TM	MR	L12545-01	6/13/2007	I-131	5.00E-02	1.40E-01	7.70E-01
TM	MR	L12545-01	6/13/2007	K-40	2.15E+03	1.10E+02	1.20E+02 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12545-01	6/13/2007	La-140	4.50E+00	3.20E+00	1.10E+01
TM	MR	L12545-01	6/13/2007	Mn-54	4.00E-01	2.80E+00	1.00E+01
TM	MR	L12545-01	6/13/2007	Nb-95	5.70E+00	2.60E+00	8.10E+00
TM	MR	L12545-01	6/13/2007	Ru-103	-6.00E-01	2.90E+00	1.00E+01
TM	MR	L12545-01	6/13/2007	Ru-106	2.00E+00	2.10E+01	7.50E+01
TM	MR	L12545-01	6/13/2007	Sb-124	-2.60E+00	5.70E+00	2.30E+01
TM	MR	L12545-01	6/13/2007	Sb-125	-2.20E+00	6.40E+00	2.40E+01
TM	MR	L12545-01	6/13/2007	Se-75	-4.00E+00	3.10E+00	1.20E+01
TM	MR	L12545-01	6/13/2007	Zn-65	7.90E+00	5.60E+00	1.90E+01
TM	MR	L12545-01	6/13/2007	Zr-95	5.70E+00	4.50E+00	1.50E+01
TM	SF	L12545-02	6/13/2007	AcTh-228	-1.00E+00	7.60E+00	2.70E+01
TM	SF	L12545-02	6/13/2007	Ag-108m	2.00E-01	1.40E+00	4.80E+00
TM	SF	L12545-02	6/13/2007	Ag-110m	-1.20E+00	2.50E+00	9.00E+00
TM	SF	L12545-02	6/13/2007	Ba-140	1.70E+00	2.60E+00	9.40E+00
TM	SF	L12545-02	6/13/2007	Be-7	8.00E+00	1.30E+01	4.40E+01
TM	SF	L12545-02	6/13/2007	Ce-141	-1.50E+00	2.40E+00	8.30E+00
TM	SF	L12545-02	6/13/2007	Ce-144	-7.00E-01	8.60E+00	2.90E+01
TM	SF	L12545-02	6/13/2007	Co-57	9.00E-01	1.00E+00	3.50E+00
TM	SF	L12545-02	6/13/2007	Co-58	-3.00E+00	1.90E+00	7.20E+00
TM	SF	L12545-02	6/13/2007	Co-60	-4.00E-01	2.10E+00	7.70E+00
TM	SF	L12545-02	6/13/2007	Cr-51	-7.00E+00	1.30E+01	4.50E+01
TM	SF	L12545-02	6/13/2007	Cs-134	1.50E+00	2.10E+00	7.10E+00
TM	SF	L12545-02	6/13/2007	Cs-137	2.00E-01	1.50E+00	5.40E+00
TM	SF	L12545-02	6/13/2007	Fe-59	3.50E+00	4.30E+00	1.50E+01
TM	SF	L12545-02	6/13/2007	I-131	-9.00E-02	1.40E-02	7.60E-01
TM	SF	L12545-02	6/13/2007	K-40	1.33E+03	6.60E+01	1.10E+02 *
TM	SF	L12545-02	6/13/2007	La-140	2.00E+00	3.00E+00	1.10E+01
TM	SF	L12545-02	6/13/2007	Mn-54	-2.90E+00	1.70E+00	6.70E+00
TM	SF	L12545-02	6/13/2007	Nb-95	2.90E+00	2.00E+00	6.60E+00
TM	SF	L12545-02	6/13/2007	Ru-103	1.70E+00	1.70E+00	5.70E+00
TM	SF	L12545-02	6/13/2007	Ru-106	2.00E+01	1.60E+01	5.30E+01
TM	SF	L12545-02	6/13/2007	Sb-124	7.00E-01	4.20E+00	1.60E+01
TM	SF	L12545-02	6/13/2007	Sb-125	6.00E-01	4.10E+00	1.40E+01
TM	SF	L12545-02	6/13/2007	Se-75	8.00E-01	1.70E+00	5.80E+00
TM	SF	L12545-02	6/13/2007	Zn-65	0.00E+00	4.20E+00	1.50E+01
TM	SF	L12545-02	6/13/2007	Zr-95	-1.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12545-03	6/13/2007	AcTh-228	-1.10E+00	8.40E+00	3.10E+01
TM	LF	L12545-03	6/13/2007	Ag-108m	-3.00E+00	1.80E+00	7.00E+00
TM	LF	L12545-03	6/13/2007	Ag-110m	-4.00E+00	3.10E+00	1.20E+01
TM	LF	L12545-03	6/13/2007	Ba-140	4.20E+00	3.20E+00	1.10E+01
TM	LF	L12545-03	6/13/2007	Be-7	-5.00E+00	2.00E+01	7.10E+01
TM	LF	L12545-03	6/13/2007	Ce-141	-1.70E+00	3.70E+00	1.30E+01
TM	LF	L12545-03	6/13/2007	Ce-144	-8.00E+00	1.20E+01	4.30E+01
TM	LF	L12545-03	6/13/2007	Co-57	8.00E-01	1.50E+00	5.00E+00
TM	LF	L12545-03	6/13/2007	Co-58	-4.90E+00	2.40E+00	9.70E+00
TM	LF	L12545-03	6/13/2007	Co-60	-1.60E+00	2.50E+00	9.90E+00
TM	LF	L12545-03	6/13/2007	Cr-51	8.00E+00	2.10E+01	7.30E+01
TM	LF	L12545-03	6/13/2007	Cs-134	-7.00E-01	2.30E+00	8.70E+00
TM	LF	L12545-03	6/13/2007	Cs-137	6.00E-01	2.20E+00	8.00E+00
TM	LF	L12545-03	6/13/2007	Fe-59	-1.30E+00	5.30E+00	2.00E+01
TM	LF	L12545-03	6/13/2007	I-131	3.40E-01	2.50E-01	7.60E-01
TM	LF	L12545-03	6/13/2007	K-40	1.31E+03	8.30E+01	1.30E+02 *
TM	LF	L12545-03	6/13/2007	La-140	4.80E+00	3.70E+00	1.30E+01
TM	LF	L12545-03	6/13/2007	Mn-54	2.80E+00	2.50E+00	8.50E+00
TM	LF	L12545-03	6/13/2007	Nb-95	-7.00E-01	2.30E+00	8.80E+00
TM	LF	L12545-03	6/13/2007	Ru-103	3.10E+00	2.50E+00	8.30E+00
TM	LF	L12545-03	6/13/2007	Ru-106	-1.30E+01	2.20E+01	8.10E+01
TM	LF	L12545-03	6/13/2007	Sb-124	2.30E+00	4.50E+00	1.70E+01
TM	LF	L12545-03	6/13/2007	Sb-125	6.00E-01	5.50E+00	2.00E+01
TM	LF	L12545-03	6/13/2007	Se-75	-1.90E+00	2.60E+00	9.60E+00
TM	LF	L12545-03	6/13/2007	Zn-65	3.40E+00	5.50E+00	1.90E+01
TM	LF	L12545-03	6/13/2007	Zr-95	-2.20E+00	4.00E+00	1.50E+01
TM	MR	L12629-01	6/27/2007	AcTh-228	4.40E+00	7.00E+00	2.40E+01
TM	MR	L12629-01	6/27/2007	Ag-108m	-1.00E-01	1.40E+00	5.10E+00
TM	MR	L12629-01	6/27/2007	Ag-110m	-5.80E+00	2.30E+00	9.20E+00
TM	MR	L12629-01	6/27/2007	Ba-140	-3.20E+00	3.00E+00	1.20E+01
TM	MR	L12629-01	6/27/2007	Be-7	2.70E+01	1.60E+01	5.20E+01
TM	MR	L12629-01	6/27/2007	Ce-141	-5.00E-01	2.90E+00	1.00E+01
TM	MR	L12629-01	6/27/2007	Ce-144	-6.70E+00	9.80E+00	3.40E+01
TM	MR	L12629-01	6/27/2007	Co-57	1.30E+00	1.30E+00	4.40E+00
TM	MR	L12629-01	6/27/2007	Co-58	6.00E-01	1.80E+00	6.50E+00
TM	MR	L12629-01	6/27/2007	Co-60	-1.10E+00	2.10E+00	7.90E+00
TM	MR	L12629-01	6/27/2007	Cr-51	-1.20E+01	1.90E+01	6.60E+01
TM	MR	L12629-01	6/27/2007	Cs-134	-2.90E+00	2.00E+00	7.70E+00
TM	MR	L12629-01	6/27/2007	Cs-137	-2.00E-01	1.90E+00	6.80E+00
TM	MR	L12629-01	6/27/2007	Fe-59	-1.70E+00	5.00E+00	1.80E+01
TM	MR	L12629-01	6/27/2007	I-131	-6.50E-02	1.40E-02	7.80E-01
TM	MR	L12629-01	6/27/2007	K-40	2.00E+03	7.70E+01	9.10E+01 *

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12629-01	6/27/2007	La-140	-3.70E+00	3.40E+00	1.40E+01
TM	MR	L12629-01	6/27/2007	Mn-54	1.70E+00	1.90E+00	6.60E+00
TM	MR	L12629-01	6/27/2007	Nb-95	1.10E+00	2.30E+00	8.10E+00
TM	MR	L12629-01	6/27/2007	Ru-103	-1.60E+00	1.90E+00	7.00E+00
TM	MR	L12629-01	6/27/2007	Ru-106	-5.00E+00	1.50E+01	5.50E+01
TM	MR	L12629-01	6/27/2007	Sb-124	5.00E-01	4.20E+00	1.60E+01
TM	MR	L12629-01	6/27/2007	Sb-125	1.00E-01	4.60E+00	1.60E+01
TM	MR	L12629-01	6/27/2007	Se-75	-2.10E+00	2.00E+00	7.20E+00
TM	MR	L12629-01	6/27/2007	Zn-65	-2.70E+00	4.30E+00	1.60E+01
TM	MR	L12629-01	6/27/2007	Zr-95	-3.60E+00	3.20E+00	1.20E+01
TM	SF	L12629-02	6/27/2007	AcTh-228	7.90E+00	7.60E+00	2.60E+01
TM	SF	L12629-02	6/27/2007	Ag-108m	0.00E+00	1.70E+00	6.10E+00
TM	SF	L12629-02	6/27/2007	Ag-110m	1.00E+00	2.60E+00	9.20E+00
TM	SF	L12629-02	6/27/2007	Ba-140	5.70E+00	3.80E+00	1.20E+01
TM	SF	L12629-02	6/27/2007	Be-7	3.20E+01	1.70E+01	5.60E+01
TM	SF	L12629-02	6/27/2007	Ce-141	4.00E+00	3.30E+00	1.10E+01
TM	SF	L12629-02	6/27/2007	Ce-144	2.00E+01	1.00E+01	3.30E+01
TM	SF	L12629-02	6/27/2007	Co-57	-1.00E+00	1.40E+00	4.90E+00
TM	SF	L12629-02	6/27/2007	Co-58	-2.30E+00	1.80E+00	7.20E+00
TM	SF	L12629-02	6/27/2007	Co-60	-9.00E-01	2.10E+00	8.00E+00
TM	SF	L12629-02	6/27/2007	Cr-51	3.40E+01	2.10E+01	6.90E+01
TM	SF	L12629-02	6/27/2007	Cs-134	5.00E-01	1.80E+00	6.60E+00
TM	SF	L12629-02	6/27/2007	Cs-137	4.30E+00	2.10E+00	6.80E+00
TM	SF	L12629-02	6/27/2007	Fe-59	2.70E+00	5.20E+00	1.80E+01
TM	SF	L12629-02	6/27/2007	I-131	4.00E-02	1.50E-01	8.30E-01
TM	SF	L12629-02	6/27/2007	K-40	1.27E+03	6.80E+01	9.40E+01 *
TM	SF	L12629-02	6/27/2007	La-140	6.50E+00	4.30E+00	1.40E+01
TM	SF	L12629-02	6/27/2007	Mn-54	-9.00E-01	1.70E+00	6.50E+00
TM	SF	L12629-02	6/27/2007	Nb-95	4.80E+00	2.20E+00	6.90E+00
TM	SF	L12629-02	6/27/2007	Ru-103	-8.00E-01	2.10E+00	7.50E+00
TM	SF	L12629-02	6/27/2007	Ru-106	-2.00E+00	1.80E+01	6.40E+01
TM	SF	L12629-02	6/27/2007	Sb-124	1.90E+00	4.40E+00	1.60E+01
TM	SF	L12629-02	6/27/2007	Sb-125	3.60E+00	4.80E+00	1.60E+01
TM	SF	L12629-02	6/27/2007	Se-75	3.00E-01	2.20E+00	7.70E+00
TM	SF	L12629-02	6/27/2007	Zn-65	-1.80E+00	4.90E+00	1.80E+01
TM	SF	L12629-02	6/27/2007	Zr-95	9.00E-01	3.50E+00	1.20E+01
TM	LF	L12629-03	6/27/2007	AcTh-228	9.90E+00	7.60E+00	2.60E+01
TM	LF	L12629-03	6/27/2007	Ag-108m	-1.20E+00	1.50E+00	5.40E+00
TM	LF	L12629-03	6/27/2007	Ag-110m	-7.00E+00	2.60E+00	1.10E+01
TM	LF	L12629-03	6/27/2007	Ba-140	1.60E+00	3.30E+00	1.20E+01
TM	LF	L12629-03	6/27/2007	Be-7	1.90E+01	1.70E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12629-03	6/27/2007	Ce-141	-1.30E+00	2.70E+00	9.70E+00
TM	LF	L12629-03	6/27/2007	Ce-144	-1.40E+01	1.00E+01	3.70E+01
TM	LF	L12629-03	6/27/2007	Co-57	-3.00E-01	1.30E+00	4.70E+00
TM	LF	L12629-03	6/27/2007	Co-58	-2.50E+00	2.20E+00	8.30E+00
TM	LF	L12629-03	6/27/2007	Co-60	0.00E+00	1.70E+00	6.60E+00
TM	LF	L12629-03	6/27/2007	Cr-51	-1.60E+01	2.10E+01	7.40E+01
TM	LF	L12629-03	6/27/2007	Cs-134	8.00E-01	2.00E+00	7.20E+00
TM	LF	L12629-03	6/27/2007	Cs-137	-2.00E-01	1.80E+00	6.40E+00
TM	LF	L12629-03	6/27/2007	Fe-59	3.00E+00	5.00E+00	1.70E+01
TM	LF	L12629-03	6/27/2007	I-131	-6.50E-02	1.40E-02	7.80E-01
TM	LF	L12629-03	6/27/2007	K-40	1.44E+03	7.30E+01	9.70E+01 *
TM	LF	L12629-03	6/27/2007	La-140	1.80E+00	3.80E+00	1.40E+01
TM	LF	L12629-03	6/27/2007	Mn-54	-2.50E+00	1.70E+00	6.80E+00
TM	LF	L12629-03	6/27/2007	Nb-95	-2.60E+00	2.90E+00	1.10E+01
TM	LF	L12629-03	6/27/2007	Ru-103	-5.00E-01	2.30E+00	8.30E+00
TM	LF	L12629-03	6/27/2007	Ru-106	1.10E+01	1.90E+01	6.40E+01
TM	LF	L12629-03	6/27/2007	Sb-124	-1.90E+00	4.70E+00	1.90E+01
TM	LF	L12629-03	6/27/2007	Sb-125	-8.30E+00	4.60E+00	1.80E+01
TM	LF	L12629-03	6/27/2007	Se-75	3.50E+00	2.40E+00	7.80E+00
TM	LF	L12629-03	6/27/2007	Zn-65	2.10E+00	5.30E+00	1.90E+01
TM	LF	L12629-03	6/27/2007	Zr-95	-4.00E+00	4.00E+00	1.50E+01
TM	MR	L12675-01	7/11/2007	AcTh-228	6.10E+00	7.40E+00	2.50E+01
TM	MR	L12675-01	7/11/2007	Ag-108m	-9.80E-01	7.90E-01	2.80E+00
TM	MR	L12675-01	7/11/2007	Ag-110m	-2.40E+00	1.60E+00	5.80E+00
TM	MR	L12675-01	7/11/2007	Ba-140	-3.00E-01	3.20E+00	1.10E+01
TM	MR	L12675-01	7/11/2007	Be-7	-5.10E+00	9.30E+00	3.20E+01
TM	MR	L12675-01	7/11/2007	Ce-141	2.90E+00	1.70E+00	5.60E+00
TM	MR	L12675-01	7/11/2007	Ce-144	-6.70E+00	5.00E+00	1.70E+01
TM	MR	L12675-01	7/11/2007	Co-57	6.30E-01	6.20E-01	2.10E+00
TM	MR	L12675-01	7/11/2007	Co-58	-2.20E+00	1.10E+00	4.20E+00
TM	MR	L12675-01	7/11/2007	Co-60	-8.00E-01	1.20E+00	4.40E+00
TM	MR	L12675-01	7/11/2007	Cr-51	8.00E+00	1.10E+01	3.80E+01
TM	MR	L12675-01	7/11/2007	Cs-134	-3.70E+00	1.10E+00	4.10E+00
TM	MR	L12675-01	7/11/2007	Cs-137	-5.00E-01	1.10E+00	3.80E+00
TM	MR	L12675-01	7/11/2007	Fe-59	8.00E-01	3.10E+00	1.10E+01
TM	MR	L12675-01	7/11/2007	I-131	-4.03E-02	8.90E-03	2.40E-01
TM	MR	L12675-01	7/11/2007	K-40	2.00E+03	4.80E+01	6.90E+01 *
TM	MR	L12675-01	7/11/2007	La-140	-3.00E-01	3.70E+00	1.30E+01
TM	MR	L12675-01	7/11/2007	Mn-54	-1.60E+00	1.10E+00	3.90E+00
TM	MR	L12675-01	7/11/2007	Nb-95	-2.90E+00	1.50E+00	5.30E+00
TM	MR	L12675-01	7/11/2007	Ru-103	1.20E+00	1.20E+00	4.10E+00
TM	MR	L12675-01	7/11/2007	Ru-106	-4.50E+00	9.90E+00	3.40E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12675-01	7/11/2007	Sb-124	-9.00E-01	3.10E+00	1.10E+01
TM	MR	L12675-01	7/11/2007	Sb-125	-1.00E+00	2.50E+00	8.70E+00
TM	MR	L12675-01	7/11/2007	Se-75	-5.00E-01	1.00E+00	3.60E+00
TM	MR	L12675-01	7/11/2007	Zn-65	-5.90E+00	2.70E+00	9.90E+00
TM	MR	L12675-01	7/11/2007	Zr-95	-2.00E-01	2.00E+00	7.00E+00
TM	SF	L12675-02	7/11/2007	AcTh-228	-1.50E+00	4.60E+00	1.60E+01
TM	SF	L12675-02	7/11/2007	Ag-108m	-7.50E-01	9.00E-01	3.20E+00
TM	SF	L12675-02	7/11/2007	Ag-110m	-2.30E+00	1.40E+00	5.10E+00
TM	SF	L12675-02	7/11/2007	Ba-140	-2.00E+00	2.70E+00	9.90E+00
TM	SF	L12675-02	7/11/2007	Be-7	2.45E+01	9.90E+00	3.20E+01
TM	SF	L12675-02	7/11/2007	Ce-141	-3.00E-01	1.90E+00	6.50E+00
TM	SF	L12675-02	7/11/2007	Ce-144	6.80E+00	5.70E+00	1.90E+01
TM	SF	L12675-02	7/11/2007	Co-57	3.10E-01	7.50E-01	2.50E+00
TM	SF	L12675-02	7/11/2007	Co-58	-1.00E+00	1.10E+00	4.10E+00
TM	SF	L12675-02	7/11/2007	Co-60	-3.00E-01	1.10E+00	3.90E+00
TM	SF	L12675-02	7/11/2007	Cr-51	-2.10E+01	1.30E+01	4.60E+01
TM	SF	L12675-02	7/11/2007	Cs-134	-1.00E+00	1.10E+00	4.00E+00
TM	SF	L12675-02	7/11/2007	Cs-137	1.00E+00	1.00E+00	3.40E+00
TM	SF	L12675-02	7/11/2007	Fe-59	-1.90E+00	2.70E+00	9.70E+00
TM	SF	L12675-02	7/11/2007	I-131	8.00E-02	1.10E-01	4.50E-01
TM	SF	L12675-02	7/11/2007	K-40	1.36E+03	3.90E+01	5.80E+01 *
TM	SF	L12675-02	7/11/2007	La-140	-2.30E+00	3.10E+00	1.10E+01
TM	SF	L12675-02	7/11/2007	Mn-54	-1.80E+00	1.10E+00	3.90E+00
TM	SF	L12675-02	7/11/2007	Nb-95	4.00E-01	1.40E+00	5.00E+00
TM	SF	L12675-02	7/11/2007	Ru-103	-1.00E-01	1.20E+00	4.20E+00
TM	SF	L12675-02	7/11/2007	Ru-106	1.60E+00	9.80E+00	3.40E+01
TM	SF	L12675-02	7/11/2007	Sb-124	-4.40E+00	2.60E+00	1.00E+01
TM	SF	L12675-02	7/11/2007	Sb-125	7.00E-01	2.80E+00	9.40E+00
TM	SF	L12675-02	7/11/2007	Se-75	-1.00E+00	1.20E+00	4.10E+00
TM	SF	L12675-02	7/11/2007	Zn-65	-6.60E+00	2.70E+00	9.90E+00
TM	SF	L12675-02	7/11/2007	Zr-95	2.00E+00	2.00E+00	6.70E+00
TM	LF	L12675-03	7/11/2007	AcTh-228	-1.30E+00	6.20E+00	2.20E+01
TM	LF	L12675-03	7/11/2007	Ag-108m	3.40E+00	1.30E+00	4.10E+00
TM	LF	L12675-03	7/11/2007	Ag-110m	-6.00E-01	2.10E+00	7.60E+00
TM	LF	L12675-03	7/11/2007	Ba-140	-9.00E-01	3.00E+00	1.10E+01
TM	LF	L12675-03	7/11/2007	Be-7	3.00E+00	1.60E+01	5.40E+01
TM	LF	L12675-03	7/11/2007	Ce-141	-3.10E+00	2.90E+00	1.00E+01
TM	LF	L12675-03	7/11/2007	Ce-144	1.22E+01	8.40E+00	2.80E+01
TM	LF	L12675-03	7/11/2007	Co-57	-6.00E-01	1.10E+00	3.70E+00
TM	LF	L12675-03	7/11/2007	Co-58	0.00E+00	1.60E+00	5.60E+00
TM	LF	L12675-03	7/11/2007	Co-60	-2.80E+00	1.50E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12675-03	7/11/2007	Cr-51	1.20E+01	1.60E+01	5.30E+01
TM	LF	L12675-03	7/11/2007	Cs-134	3.30E+00	1.70E+00	5.40E+00
TM	LF	L12675-03	7/11/2007	Cs-137	6.00E-01	1.40E+00	4.90E+00
TM	LF	L12675-03	7/11/2007	Fe-59	3.80E+00	4.20E+00	1.40E+01
TM	LF	L12675-03	7/11/2007	I-131	-3.65E-02	8.00E-03	5.50E-01
TM	LF	L12675-03	7/11/2007	K-40	1.42E+03	5.70E+01	8.30E+01 *
TM	LF	L12675-03	7/11/2007	La-140	-1.10E+00	3.40E+00	1.30E+01
TM	LF	L12675-03	7/11/2007	Mn-54	-3.00E-01	1.50E+00	5.50E+00
TM	LF	L12675-03	7/11/2007	Nb-95	2.00E-01	2.00E+00	6.90E+00
TM	LF	L12675-03	7/11/2007	Ru-103	-2.40E+00	2.00E+00	7.20E+00
TM	LF	L12675-03	7/11/2007	Ru-106	5.00E+00	1.40E+01	4.80E+01
TM	LF	L12675-03	7/11/2007	Sb-124	-2.80E+00	2.80E+00	1.20E+01
TM	LF	L12675-03	7/11/2007	Sb-125	2.10E+00	3.70E+00	1.30E+01
TM	LF	L12675-03	7/11/2007	Se-75	1.10E+00	2.00E+00	6.70E+00
TM	LF	L12675-03	7/11/2007	Zn-65	2.60E+00	3.70E+00	1.30E+01
TM	LF	L12675-03	7/11/2007	Zr-95	0.00E+00	3.10E+00	1.10E+01
TM	MR	L12739-01	7/25/2007	AcTh-228	-8.30E+00	8.60E+00	3.20E+01
TM	MR	L12739-01	7/25/2007	Ag-108m	3.00E+00	1.60E+00	5.30E+00
TM	MR	L12739-01	7/25/2007	Ag-110m	2.10E+00	3.10E+00	1.10E+01
TM	MR	L12739-01	7/25/2007	Ba-140	-1.00E-01	3.20E+00	1.20E+01
TM	MR	L12739-01	7/25/2007	Be-7	-6.00E+00	1.50E+01	5.30E+01
TM	MR	L12739-01	7/25/2007	Ce-141	-3.00E+00	2.80E+00	9.80E+00
TM	MR	L12739-01	7/25/2007	Ce-144	-4.60E+00	9.80E+00	3.40E+01
TM	MR	L12739-01	7/25/2007	Co-57	5.00E-01	1.20E+00	4.20E+00
TM	MR	L12739-01	7/25/2007	Co-58	1.20E+00	2.00E+00	7.10E+00
TM	MR	L12739-01	7/25/2007	Co-60	2.20E+00	2.80E+00	9.50E+00
TM	MR	L12739-01	7/25/2007	Cr-51	2.00E+01	1.40E+01	4.60E+01
TM	MR	L12739-01	7/25/2007	Cs-134	-4.60E+00	2.40E+00	9.40E+00
TM	MR	L12739-01	7/25/2007	Cs-137	-1.00E+00	2.00E+00	7.20E+00
TM	MR	L12739-01	7/25/2007	Fe-59	4.60E+00	5.10E+00	1.70E+01
TM	MR	L12739-01	7/25/2007	I-131	1.50E-01	1.90E-01	7.80E-01
TM	MR	L12739-01	7/25/2007	K-40	2.04E+03	9.00E+01	1.30E+02 *
TM	MR	L12739-01	7/25/2007	La-140	-1.00E-01	3.70E+00	1.40E+01
TM	MR	L12739-01	7/25/2007	Mn-54	1.00E+00	2.10E+00	7.30E+00
TM	MR	L12739-01	7/25/2007	Nb-95	2.30E+00	2.30E+00	7.90E+00
TM	MR	L12739-01	7/25/2007	Ru-103	2.00E-01	2.00E+00	7.00E+00
TM	MR	L12739-01	7/25/2007	Ru-106	2.80E+01	1.70E+01	5.50E+01
TM	MR	L12739-01	7/25/2007	Sb-124	-5.60E+00	4.70E+00	2.00E+01
TM	MR	L12739-01	7/25/2007	Sb-125	-8.00E-01	4.50E+00	1.60E+01
TM	MR	L12739-01	7/25/2007	Se-75	-8.00E-01	1.80E+00	6.50E+00
TM	MR	L12739-01	7/25/2007	Zn-65	0.00E+00	5.40E+00	1.90E+01
TM	MR	L12739-01	7/25/2007	Zr-95	1.70E+00	3.80E+00	1.30E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12739-02	7/25/2007	AcTh-228	-1.00E+01	9.40E+00	3.50E+01
TM	SF	L12739-02	7/25/2007	Ag-108m	6.00E-01	1.50E+00	5.30E+00
TM	SF	L12739-02	7/25/2007	Ag-110m	1.00E-01	2.90E+00	1.00E+01
TM	SF	L12739-02	7/25/2007	Ba-140	7.00E-01	3.30E+00	1.30E+01
TM	SF	L12739-02	7/25/2007	Be-7	1.20E+01	1.40E+01	4.70E+01
TM	SF	L12739-02	7/25/2007	Ce-141	-4.10E+00	2.70E+00	9.60E+00
TM	SF	L12739-02	7/25/2007	Ce-144	-6.70E+00	7.60E+00	2.70E+01
TM	SF	L12739-02	7/25/2007	Co-57	1.10E+00	1.10E+00	3.70E+00
TM	SF	L12739-02	7/25/2007	Co-58	-2.50E+00	2.00E+00	7.90E+00
TM	SF	L12739-02	7/25/2007	Co-60	1.00E-01	2.20E+00	8.30E+00
TM	SF	L12739-02	7/25/2007	Cr-51	7.00E+00	1.50E+01	5.20E+01
TM	SF	L12739-02	7/25/2007	Cs-134	8.00E-01	2.40E+00	8.50E+00
TM	SF	L12739-02	7/25/2007	Cs-137	-1.50E+00	1.90E+00	7.10E+00
TM	SF	L12739-02	7/25/2007	Fe-59	-4.70E+00	5.00E+00	1.90E+01
TM	SF	L12739-02	7/25/2007	I-131	-1.15E-01	2.10E-02	7.50E-01
TM	SF	L12739-02	7/25/2007	K-40	1.59E+03	8.70E+01	1.20E+02 *
TM	SF	L12739-02	7/25/2007	La-140	8.00E-01	3.80E+00	1.40E+01
TM	SF	L12739-02	7/25/2007	Mn-54	3.50E+00	1.90E+00	6.20E+00
TM	SF	L12739-02	7/25/2007	Nb-95	2.20E+00	2.40E+00	8.40E+00
TM	SF	L12739-02	7/25/2007	Ru-103	-1.50E+00	2.00E+00	7.60E+00
TM	SF	L12739-02	7/25/2007	Ru-106	-8.00E+00	1.60E+01	5.90E+01
TM	SF	L12739-02	7/25/2007	Sb-124	6.60E+00	5.60E+00	1.90E+01
TM	SF	L12739-02	7/25/2007	Sb-125	-5.30E+00	4.60E+00	1.70E+01
TM	SF	L12739-02	7/25/2007	Se-75	-3.50E+00	2.20E+00	8.00E+00
TM	SF	L12739-02	7/25/2007	Zn-65	7.00E-01	5.10E+00	1.80E+01
TM	SF	L12739-02	7/25/2007	Zr-95	1.30E+00	4.20E+00	1.50E+01
TM	LF	L12739-03	7/25/2007	AcTh-228	-6.90E+00	7.60E+00	2.80E+01
TM	LF	L12739-03	7/25/2007	Ag-108m	-3.00E-01	1.50E+00	5.30E+00
TM	LF	L12739-03	7/25/2007	Ag-110m	-1.20E+00	2.40E+00	8.90E+00
TM	LF	L12739-03	7/25/2007	Ba-140	5.00E-01	2.40E+00	9.00E+00
TM	LF	L12739-03	7/25/2007	Be-7	1.60E+01	1.40E+01	4.90E+01
TM	LF	L12739-03	7/25/2007	Ce-141	-3.90E+00	3.00E+00	1.10E+01
TM	LF	L12739-03	7/25/2007	Ce-144	-1.30E+01	1.00E+01	3.60E+01
TM	LF	L12739-03	7/25/2007	Co-57	-4.90E+00	1.30E+00	4.80E+00
TM	LF	L12739-03	7/25/2007	Co-58	2.00E-01	1.80E+00	6.60E+00
TM	LF	L12739-03	7/25/2007	Co-60	-1.80E+00	2.10E+00	8.10E+00
TM	LF	L12739-03	7/25/2007	Cr-51	1.40E+01	1.60E+01	5.60E+01
TM	LF	L12739-03	7/25/2007	Cs-134	-1.20E+00	2.10E+00	7.80E+00
TM	LF	L12739-03	7/25/2007	Cs-137	6.00E-01	1.90E+00	6.80E+00
TM	LF	L12739-03	7/25/2007	Fe-59	5.20E+00	4.10E+00	1.40E+01
TM	LF	L12739-03	7/25/2007	I-131	3.00E-02	1.00E-01	5.50E-01
TM	LF	L12739-03	7/25/2007	K-40	1.46E+03	7.10E+01	9.90E+01 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12739-03	7/25/2007	La-140	6.00E-01	2.80E+00	1.00E+01
TM	LF	L12739-03	7/25/2007	Mn-54	-8.00E-01	1.70E+00	6.50E+00
TM	LF	L12739-03	7/25/2007	Nb-95	1.40E+00	2.20E+00	7.80E+00
TM	LF	L12739-03	7/25/2007	Ru-103	-1.00E-01	2.10E+00	7.40E+00
TM	LF	L12739-03	7/25/2007	Ru-106	-2.50E+01	1.70E+01	6.50E+01
TM	LF	L12739-03	7/25/2007	Sb-124	3.20E+00	4.30E+00	1.50E+01
TM	LF	L12739-03	7/25/2007	Sb-125	3.80E+00	4.70E+00	1.60E+01
TM	LF	L12739-03	7/25/2007	Se-75	-3.20E+00	2.20E+00	8.10E+00
TM	LF	L12739-03	7/25/2007	Zn-65	1.90E+00	4.80E+00	1.70E+01
TM	LF	L12739-03	7/25/2007	Zr-95	3.00E+00	3.40E+00	1.20E+01
TM	MR	L12811-01	8/8/2007	AcTh-228	2.50E+00	8.80E+00	3.10E+01
TM	MR	L12811-01	8/8/2007	Ag-108m	2.10E+00	1.90E+00	6.40E+00
TM	MR	L12811-01	8/8/2007	Ag-110m	-1.10E+00	2.90E+00	1.10E+01
TM	MR	L12811-01	8/8/2007	Ba-140	-1.70E+00	2.60E+00	1.10E+01
TM	MR	L12811-01	8/8/2007	Be-7	-3.60E+01	2.00E+01	7.50E+01
TM	MR	L12811-01	8/8/2007	Ce-141	-3.40E+00	3.50E+00	1.20E+01
TM	MR	L12811-01	8/8/2007	Ce-144	-1.30E+01	1.20E+01	4.50E+01
TM	MR	L12811-01	8/8/2007	Co-57	-5.00E-01	1.30E+00	4.70E+00
TM	MR	L12811-01	8/8/2007	Co-58	-3.00E-01	2.10E+00	7.80E+00
TM	MR	L12811-01	8/8/2007	Co-60	-4.00E-01	1.90E+00	7.40E+00
TM	MR	L12811-01	8/8/2007	Cr-51	1.40E+01	2.00E+01	6.80E+01
TM	MR	L12811-01	8/8/2007	Cs-134	1.40E+00	2.40E+00	8.50E+00
TM	MR	L12811-01	8/8/2007	Cs-137	-1.00E+00	2.00E+00	7.40E+00
TM	MR	L12811-01	8/8/2007	Fe-59	-3.00E+00	5.10E+00	1.90E+01
TM	MR	L12811-01	8/8/2007	I-131	2.60E-01	1.90E-01	6.10E-01
TM	MR	L12811-01	8/8/2007	K-40	1.92E+03	8.80E+01	1.20E+02 *
TM	MR	L12811-01	8/8/2007	La-140	-2.00E+00	3.00E+00	1.20E+01
TM	MR	L12811-01	8/8/2007	Mn-54	8.00E-01	2.10E+00	7.50E+00
TM	MR	L12811-01	8/8/2007	Nb-95	6.00E-01	2.40E+00	8.40E+00
TM	MR	L12811-01	8/8/2007	Ru-103	4.00E-01	2.40E+00	8.40E+00
TM	MR	L12811-01	8/8/2007	Ru-106	-8.00E+00	1.80E+01	6.60E+01
TM	MR	L12811-01	8/8/2007	Sb-124	-6.60E+00	3.40E+00	1.60E+01
TM	MR	L12811-01	8/8/2007	Sb-125	5.00E-01	5.30E+00	1.90E+01
TM	MR	L12811-01	8/8/2007	Se-75	1.00E+00	2.50E+00	8.80E+00
TM	MR	L12811-01	8/8/2007	Zn-65	-1.04E+01	6.00E+00	2.30E+01
TM	MR	L12811-01	8/8/2007	Zr-95	3.30E+00	3.90E+00	1.30E+01
TM	SF	L12811-02	8/8/2007	AcTh-228	5.50E+00	8.30E+00	2.90E+01
TM	SF	L12811-02	8/8/2007	Ag-108m	1.90E+00	1.40E+00	4.80E+00
TM	SF	L12811-02	8/8/2007	Ag-110m	-8.00E-01	2.70E+00	9.90E+00
TM	SF	L12811-02	8/8/2007	Ba-140	0.00E+00	3.10E+00	1.20E+01
TM	SF	L12811-02	8/8/2007	Be-7	0.00E+00	1.70E+01	6.20E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12811-02	8/8/2007	Ce-141	-5.00E-01	3.20E+00	1.10E+01
TM	SF	L12811-02	8/8/2007	Ce-144	2.00E+01	1.10E+01	3.70E+01
TM	SF	L12811-02	8/8/2007	Co-57	1.40E+00	1.40E+00	4.70E+00
TM	SF	L12811-02	8/8/2007	Co-58	3.00E-01	2.10E+00	7.40E+00
TM	SF	L12811-02	8/8/2007	Co-60	2.60E+00	2.00E+00	6.60E+00
TM	SF	L12811-02	8/8/2007	Cr-51	2.90E+01	1.70E+01	5.60E+01
TM	SF	L12811-02	8/8/2007	Cs-134	-1.50E+00	2.30E+00	8.50E+00
TM	SF	L12811-02	8/8/2007	Cs-137	7.00E-01	2.00E+00	7.20E+00
TM	SF	L12811-02	8/8/2007	Fe-59	2.40E+00	5.00E+00	1.80E+01
TM	SF	L12811-02	8/8/2007	I-131	-1.12E-01	1.70E-02	7.40E-01
TM	SF	L12811-02	8/8/2007	K-40	1.42E+03	7.70E+01	9.70E+01 *
TM	SF	L12811-02	8/8/2007	La-140	0.00E+00	3.60E+00	1.40E+01
TM	SF	L12811-02	8/8/2007	Mn-54	3.60E+00	2.10E+00	7.00E+00
TM	SF	L12811-02	8/8/2007	Nb-95	3.00E-01	2.30E+00	8.20E+00
TM	SF	L12811-02	8/8/2007	Ru-103	-4.00E-01	2.30E+00	8.20E+00
TM	SF	L12811-02	8/8/2007	Ru-106	2.40E+01	1.60E+01	5.10E+01
TM	SF	L12811-02	8/8/2007	Sb-124	-7.80E+00	3.70E+00	1.80E+01
TM	SF	L12811-02	8/8/2007	Sb-125	-1.10E+00	5.10E+00	1.80E+01
TM	SF	L12811-02	8/8/2007	Se-75	2.30E+00	2.70E+00	9.10E+00
TM	SF	L12811-02	8/8/2007	Zn-65	-1.40E+00	5.00E+00	1.80E+01
TM	SF	L12811-02	8/8/2007	Zr-95	-5.10E+00	3.60E+00	1.40E+01
TM	LF	L12811-03	8/8/2007	AcTh-228	-3.50E+00	7.00E+00	2.70E+01
TM	LF	L12811-03	8/8/2007	Ag-108m	4.80E+00	1.80E+00	5.70E+00
TM	LF	L12811-03	8/8/2007	Ag-110m	3.60E+00	2.50E+00	8.20E+00
TM	LF	L12811-03	8/8/2007	Ba-140	-3.10E+00	2.50E+00	1.10E+01
TM	LF	L12811-03	8/8/2007	Be-7	-4.00E+00	1.80E+01	6.60E+01
TM	LF	L12811-03	8/8/2007	Ce-141	2.10E+00	3.20E+00	1.10E+01
TM	LF	L12811-03	8/8/2007	Ce-144	1.00E+01	1.20E+01	4.00E+01
TM	LF	L12811-03	8/8/2007	Co-57	0.00E+00	1.60E+00	5.40E+00
TM	LF	L12811-03	8/8/2007	Co-58	-9.00E-01	2.00E+00	7.50E+00
TM	LF	L12811-03	8/8/2007	Co-60	-4.00E-01	2.40E+00	9.10E+00
TM	LF	L12811-03	8/8/2007	Cr-51	5.00E+00	2.00E+01	7.10E+01
TM	LF	L12811-03	8/8/2007	Cs-134	3.40E+00	2.10E+00	6.70E+00
TM	LF	L12811-03	8/8/2007	Cs-137	1.90E+00	2.10E+00	7.30E+00
TM	LF	L12811-03	8/8/2007	Fe-59	3.00E-01	5.50E+00	2.00E+01
TM	LF	L12811-03	8/8/2007	I-131	-6.90E-02	1.20E-02	4.70E-01
TM	LF	L12811-03	8/8/2007	K-40	1.52E+03	8.10E+01	9.80E+01 *
TM	LF	L12811-03	8/8/2007	La-140	-3.50E+00	2.90E+00	1.30E+01
TM	LF	L12811-03	8/8/2007	Mn-54	-4.10E+00	2.10E+00	8.40E+00
TM	LF	L12811-03	8/8/2007	Nb-95	6.00E-01	2.30E+00	8.10E+00
TM	LF	L12811-03	8/8/2007	Ru-103	-2.20E+00	2.10E+00	8.00E+00
TM	LF	L12811-03	8/8/2007	Ru-106	-1.60E+01	1.80E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L12811-03	8/8/2007	Sb-124	7.80E+00	4.50E+00	1.40E+01
TM	LF	L12811-03	8/8/2007	Sb-125	7.10E+00	5.40E+00	1.80E+01
TM	LF	L12811-03	8/8/2007	Se-75	2.00E-01	2.30E+00	8.00E+00
TM	LF	L12811-03	8/8/2007	Zn-65	-2.50E+00	5.60E+00	2.10E+01
TM	LF	L12811-03	8/8/2007	Zr-95	-4.40E+00	3.60E+00	1.40E+01
TM	MR	L12871-01	8/22/2007	AcTh-228	-4.70E+00	9.40E+00	3.40E+01
TM	MR	L12871-01	8/22/2007	Ag-108m	0.00E+00	1.40E+00	5.10E+00
TM	MR	L12871-01	8/22/2007	Ag-110m	4.50E+00	2.80E+00	9.00E+00
TM	MR	L12871-01	8/22/2007	Ba-140	-6.00E-01	3.40E+00	1.30E+01
TM	MR	L12871-01	8/22/2007	Be-7	-8.00E+00	1.50E+01	5.40E+01
TM	MR	L12871-01	8/22/2007	Ce-141	3.30E+00	2.50E+00	8.20E+00
TM	MR	L12871-01	8/22/2007	Ce-144	-1.22E+01	9.50E+00	3.40E+01
TM	MR	L12871-01	8/22/2007	Co-57	1.00E+00	1.10E+00	3.80E+00
TM	MR	L12871-01	8/22/2007	Co-58	1.40E+00	2.00E+00	7.00E+00
TM	MR	L12871-01	8/22/2007	Co-60	4.00E-01	2.70E+00	9.90E+00
TM	MR	L12871-01	8/22/2007	Cr-51	1.50E+01	1.70E+01	5.80E+01
TM	MR	L12871-01	8/22/2007	Cs-134	-4.20E+00	1.90E+00	7.80E+00
TM	MR	L12871-01	8/22/2007	Cs-137	-7.00E-01	2.10E+00	7.70E+00
TM	MR	L12871-01	8/22/2007	Fe-59	0.00E+00	4.80E+00	1.70E+01
TM	MR	L12871-01	8/22/2007	I-131	-9.10E-02	1.40E-02	7.50E-01
TM	MR	L12871-01	8/22/2007	K-40	1.96E+03	9.00E+01	1.20E+02 *
TM	MR	L12871-01	8/22/2007	La-140	-7.00E-01	3.90E+00	1.50E+01
TM	MR	L12871-01	8/22/2007	Mn-54	7.00E-01	2.00E+00	7.10E+00
TM	MR	L12871-01	8/22/2007	Nb-95	1.80E+00	2.30E+00	8.00E+00
TM	MR	L12871-01	8/22/2007	Ru-103	-6.00E-01	2.00E+00	7.10E+00
TM	MR	L12871-01	8/22/2007	Ru-106	5.00E+00	2.00E+01	7.00E+01
TM	MR	L12871-01	8/22/2007	Sb-124	2.00E+00	5.00E+00	1.90E+01
TM	MR	L12871-01	8/22/2007	Sb-125	4.00E+00	5.00E+00	1.70E+01
TM	MR	L12871-01	8/22/2007	Se-75	1.10E+00	1.90E+00	6.50E+00
TM	MR	L12871-01	8/22/2007	Zn-65	1.20E+00	5.30E+00	1.90E+01
TM	MR	L12871-01	8/22/2007	Zr-95	2.00E+00	3.50E+00	1.20E+01
TM	SF	L12871-02	8/22/2007	AcTh-228	-2.60E+00	8.00E+00	2.90E+01
TM	SF	L12871-02	8/22/2007	Ag-108m	3.70E+00	1.90E+00	6.10E+00
TM	SF	L12871-02	8/22/2007	Ag-110m	4.00E-01	3.00E+00	1.10E+01
TM	SF	L12871-02	8/22/2007	Ba-140	-2.20E+00	3.00E+00	1.20E+01
TM	SF	L12871-02	8/22/2007	Be-7	-6.00E+00	1.80E+01	6.50E+01
TM	SF	L12871-02	8/22/2007	Ce-141	8.00E+00	3.30E+00	1.10E+01
TM	SF	L12871-02	8/22/2007	Ce-144	1.50E+01	1.20E+01	4.00E+01
TM	SF	L12871-02	8/22/2007	Co-57	1.00E+00	1.30E+00	4.50E+00
TM	SF	L12871-02	8/22/2007	Co-58	8.00E-01	2.00E+00	7.10E+00
TM	SF	L12871-02	8/22/2007	Co-60	-9.00E-01	2.10E+00	8.00E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12871-02	8/22/2007	Cr-51	5.00E+00	1.80E+01	6.30E+01
TM	SF	L12871-02	8/22/2007	Cs-134	1.40E+00	2.00E+00	6.90E+00
TM	SF	L12871-02	8/22/2007	Cs-137	2.40E+00	2.10E+00	7.10E+00
TM	SF	L12871-02	8/22/2007	Fe-59	6.80E+00	5.20E+00	1.70E+01
TM	SF	L12871-02	8/22/2007	I-131	6.00E-02	1.30E-01	6.50E-01
TM	SF	L12871-02	8/22/2007	K-40	1.41E+03	7.60E+01	1.10E+02 *
TM	SF	L12871-02	8/22/2007	La-140	-2.50E+00	3.40E+00	1.40E+01
TM	SF	L12871-02	8/22/2007	Mn-54	3.90E+00	2.20E+00	7.20E+00
TM	SF	L12871-02	8/22/2007	Nb-95	3.00E-01	2.30E+00	8.10E+00
TM	SF	L12871-02	8/22/2007	Ru-103	5.10E+00	2.40E+00	7.60E+00
TM	SF	L12871-02	8/22/2007	Ru-106	4.50E+01	1.80E+01	5.40E+01
TM	SF	L12871-02	8/22/2007	Sb-124	0.00E+00	3.80E+00	1.50E+01
TM	SF	L12871-02	8/22/2007	Sb-125	-5.10E+00	5.00E+00	1.90E+01
TM	SF	L12871-02	8/22/2007	Se-75	-1.10E+00	2.40E+00	8.50E+00
TM	SF	L12871-02	8/22/2007	Zn-65	2.00E-01	5.00E+00	1.80E+01
TM	SF	L12871-02	8/22/2007	Zr-95	-6.60E+00	3.50E+00	1.40E+01
TM	LF	L12871-03	8/22/2007	AcTh-228	3.60E+00	8.30E+00	2.90E+01
TM	LF	L12871-03	8/22/2007	Ag-108m	1.50E+00	1.60E+00	5.50E+00
TM	LF	L12871-03	8/22/2007	Ag-110m	1.10E+00	3.00E+00	1.10E+01
TM	LF	L12871-03	8/22/2007	Ba-140	-3.40E+00	2.90E+00	1.20E+01
TM	LF	L12871-03	8/22/2007	Be-7	3.00E+00	1.50E+01	5.20E+01
TM	LF	L12871-03	8/22/2007	Ce-141	-3.00E+00	3.00E+00	1.10E+01
TM	LF	L12871-03	8/22/2007	Ce-144	2.40E+01	1.10E+01	3.60E+01
TM	LF	L12871-03	8/22/2007	Co-57	1.40E+00	1.40E+00	4.90E+00
TM	LF	L12871-03	8/22/2007	Co-58	-1.30E+00	2.10E+00	7.90E+00
TM	LF	L12871-03	8/22/2007	Co-60	3.50E+00	2.40E+00	8.00E+00
TM	LF	L12871-03	8/22/2007	Cr-51	-1.20E+01	1.70E+01	6.20E+01
TM	LF	L12871-03	8/22/2007	Cs-134	1.90E+00	2.30E+00	7.80E+00
TM	LF	L12871-03	8/22/2007	Cs-137	1.00E-01	2.10E+00	7.40E+00
TM	LF	L12871-03	8/22/2007	Fe-59	-4.40E+00	5.20E+00	2.00E+01
TM	LF	L12871-03	8/22/2007	I-131	1.90E-01	2.00E-01	7.50E-01
TM	LF	L12871-03	8/22/2007	K-40	1.35E+03	7.40E+01	9.80E+01 *
TM	LF	L12871-03	8/22/2007	La-140	-3.90E+00	3.30E+00	1.40E+01
TM	LF	L12871-03	8/22/2007	Mn-54	2.50E+00	1.90E+00	6.40E+00
TM	LF	L12871-03	8/22/2007	Nb-95	5.00E-01	2.30E+00	8.30E+00
TM	LF	L12871-03	8/22/2007	Ru-103	-1.70E+00	2.10E+00	7.70E+00
TM	LF	L12871-03	8/22/2007	Ru-106	-2.80E+01	1.90E+01	7.30E+01
TM	LF	L12871-03	8/22/2007	Sb-124	9.00E-01	3.80E+00	1.50E+01
TM	LF	L12871-03	8/22/2007	Sb-125	-5.00E-01	4.90E+00	1.80E+01
TM	LF	L12871-03	8/22/2007	Se-75	-1.10E+00	2.40E+00	8.50E+00
TM	LF	L12871-03	8/22/2007	Zn-65	-4.60E+00	4.70E+00	1.80E+01
TM	LF	L12871-03	8/22/2007	Zr-95	-3.60E+00	3.50E+00	1.30E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12926-01	9/5/2007	AcTh-228	-1.98E+01	8.90E+00	3.50E+01
TM	MR	L12926-01	9/5/2007	Ag-108m	-1.20E+00	1.60E+00	5.90E+00
TM	MR	L12926-01	9/5/2007	Ag-110m	1.50E+00	3.00E+00	1.00E+01
TM	MR	L12926-01	9/5/2007	Ba-140	-2.30E+00	2.20E+00	9.60E+00
TM	MR	L12926-01	9/5/2007	Be-7	-2.40E+01	1.70E+01	6.40E+01
TM	MR	L12926-01	9/5/2007	Ce-141	-8.80E+00	3.20E+00	1.20E+01
TM	MR	L12926-01	9/5/2007	Ce-144	-1.30E+01	1.00E+01	3.80E+01
TM	MR	L12926-01	9/5/2007	Co-57	-5.00E-01	1.40E+00	5.00E+00
TM	MR	L12926-01	9/5/2007	Co-58	-1.60E+00	2.20E+00	8.20E+00
TM	MR	L12926-01	9/5/2007	Co-60	-2.10E+00	2.40E+00	9.40E+00
TM	MR	L12926-01	9/5/2007	Cr-51	5.00E+00	1.70E+01	6.10E+01
TM	MR	L12926-01	9/5/2007	Cs-134	-1.10E+00	2.30E+00	8.60E+00
TM	MR	L12926-01	9/5/2007	Cs-137	9.00E-01	2.00E+00	6.90E+00
TM	MR	L12926-01	9/5/2007	Fe-59	1.50E+00	5.10E+00	1.80E+01
TM	MR	L12926-01	9/5/2007	I-131	-1.20E-01	2.10E-02	7.80E-01
TM	MR	L12926-01	9/5/2007	K-40	2.12E+03	9.30E+01	1.20E+02 *
TM	MR	L12926-01	9/5/2007	La-140	-2.60E+00	2.50E+00	1.10E+01
TM	MR	L12926-01	9/5/2007	Mn-54	-2.00E+00	2.30E+00	8.60E+00
TM	MR	L12926-01	9/5/2007	Nb-95	6.00E-01	2.50E+00	9.00E+00
TM	MR	L12926-01	9/5/2007	Ru-103	8.00E-01	2.20E+00	7.70E+00
TM	MR	L12926-01	9/5/2007	Ru-106	7.00E+00	1.90E+01	6.80E+01
TM	MR	L12926-01	9/5/2007	Sb-124	3.80E+00	3.60E+00	1.20E+01
TM	MR	L12926-01	9/5/2007	Sb-125	-1.02E+01	4.70E+00	1.90E+01
TM	MR	L12926-01	9/5/2007	Se-75	-4.30E+00	2.50E+00	9.30E+00
TM	MR	L12926-01	9/5/2007	Zn-65	-5.40E+00	5.60E+00	2.10E+01
TM	MR	L12926-01	9/5/2007	Zr-95	3.60E+00	3.90E+00	1.30E+01
TM	SF	L12926-02	9/5/2007	AcTh-228	-1.27E+01	8.10E+00	3.00E+01
TM	SF	L12926-02	9/5/2007	Ag-108m	-7.00E-01	1.30E+00	4.70E+00
TM	SF	L12926-02	9/5/2007	Ag-110m	-1.70E+00	2.40E+00	8.90E+00
TM	SF	L12926-02	9/5/2007	Ba-140	-3.00E+00	2.80E+00	1.10E+01
TM	SF	L12926-02	9/5/2007	Be-7	-1.90E+01	1.20E+01	4.60E+01
TM	SF	L12926-02	9/5/2007	Ce-141	-2.00E+00	2.50E+00	8.60E+00
TM	SF	L12926-02	9/5/2007	Ce-144	7.60E+00	8.00E+00	2.70E+01
TM	SF	L12926-02	9/5/2007	Co-57	-3.00E-01	1.00E+00	3.40E+00
TM	SF	L12926-02	9/5/2007	Co-58	2.10E+00	1.70E+00	5.90E+00
TM	SF	L12926-02	9/5/2007	Co-60	7.00E-01	2.00E+00	7.20E+00
TM	SF	L12926-02	9/5/2007	Cr-51	-1.00E+01	1.30E+01	4.60E+01
TM	SF	L12926-02	9/5/2007	Cs-134	-7.00E-01	2.00E+00	7.20E+00
TM	SF	L12926-02	9/5/2007	Cs-137	6.00E-01	1.60E+00	5.70E+00
TM	SF	L12926-02	9/5/2007	Fe-59	6.10E+00	4.50E+00	1.50E+01
TM	SF	L12926-02	9/5/2007	I-131	-5.00E-02	1.30E-01	8.30E-01
TM	SF	L12926-02	9/5/2007	K-40	1.23E+03	6.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12926-02	9/5/2007	La-140	-3.50E+00	3.20E+00	1.30E+01
TM	SF	L12926-02	9/5/2007	Mn-54	9.00E-01	1.70E+00	6.10E+00
TM	SF	L12926-02	9/5/2007	Nb-95	1.10E+00	1.90E+00	6.70E+00
TM	SF	L12926-02	9/5/2007	Ru-103	-1.10E+00	1.70E+00	6.00E+00
TM	SF	L12926-02	9/5/2007	Ru-106	-7.00E+00	1.50E+01	5.40E+01
TM	SF	L12926-02	9/5/2007	Sb-124	-1.40E+00	3.90E+00	1.50E+01
TM	SF	L12926-02	9/5/2007	Sb-125	5.40E+00	4.00E+00	1.30E+01
TM	SF	L12926-02	9/5/2007	Se-75	-2.30E+00	1.80E+00	6.30E+00
TM	SF	L12926-02	9/5/2007	Zn-65	4.00E+00	4.10E+00	1.40E+01
TM	SF	L12926-02	9/5/2007	Zr-95	-8.00E-01	3.00E+00	1.10E+01
TM	LF	L12926-03	9/5/2007	AcTh-228	-5.80E+00	8.30E+00	3.10E+01
TM	LF	L12926-03	9/5/2007	Ag-108m	-2.60E+00	1.60E+00	6.00E+00
TM	LF	L12926-03	9/5/2007	Ag-110m	1.40E+00	2.60E+00	9.20E+00
TM	LF	L12926-03	9/5/2007	Ba-140	5.50E+00	2.50E+00	7.20E+00
TM	LF	L12926-03	9/5/2007	Be-7	1.30E+01	1.50E+01	5.20E+01
TM	LF	L12926-03	9/5/2007	Ce-141	-5.80E+00	4.70E+00	1.70E+01
TM	LF	L12926-03	9/5/2007	Ce-144	1.00E+00	1.00E+01	3.60E+01
TM	LF	L12926-03	9/5/2007	Co-57	4.00E-01	1.40E+00	4.60E+00
TM	LF	L12926-03	9/5/2007	Co-58	-1.30E+00	2.00E+00	7.40E+00
TM	LF	L12926-03	9/5/2007	Co-60	1.30E+00	2.30E+00	8.30E+00
TM	LF	L12926-03	9/5/2007	Cr-51	3.00E+00	1.80E+01	6.30E+01
TM	LF	L12926-03	9/5/2007	Cs-134	0.00E+00	2.00E+00	7.40E+00
TM	LF	L12926-03	9/5/2007	Cs-137	-2.40E+00	1.90E+00	7.20E+00
TM	LF	L12926-03	9/5/2007	Fe-59	-9.00E-01	4.70E+00	1.70E+01
TM	LF	L12926-03	9/5/2007	I-131	1.90E-01	2.10E-01	8.30E-01
TM	LF	L12926-03	9/5/2007	K-40	1.37E+03	7.40E+01	1.00E+02 *
TM	LF	L12926-03	9/5/2007	La-140	6.30E+00	2.80E+00	8.30E+00
TM	LF	L12926-03	9/5/2007	Mn-54	2.90E+00	2.10E+00	6.90E+00
TM	LF	L12926-03	9/5/2007	Nb-95	2.10E+00	2.60E+00	8.80E+00
TM	LF	L12926-03	9/5/2007	Ru-103	-1.10E+00	2.10E+00	7.70E+00
TM	LF	L12926-03	9/5/2007	Ru-106	-6.00E+00	1.90E+01	6.70E+01
TM	LF	L12926-03	9/5/2007	Sb-124	-7.20E+00	4.20E+00	1.90E+01
TM	LF	L12926-03	9/5/2007	Sb-125	-1.50E+00	5.00E+00	1.80E+01
TM	LF	L12926-03	9/5/2007	Se-75	2.60E+00	2.50E+00	8.20E+00
TM	LF	L12926-03	9/5/2007	Zn-65	-1.28E+01	5.50E+00	2.20E+01
TM	LF	L12926-03	9/5/2007	Zr-95	-1.30E+00	3.70E+00	1.40E+01
TM	MR	L12996-01	9/19/2007	AcTh-228	1.60E+01	1.30E+01	4.40E+01
TM	MR	L12996-01	9/19/2007	Ag-108m	2.00E-01	2.00E+00	7.30E+00
TM	MR	L12996-01	9/19/2007	Ag-110m	4.00E-01	4.00E+00	1.50E+01
TM	MR	L12996-01	9/19/2007	Ba-140	2.50E+00	3.40E+00	1.30E+01
TM	MR	L12996-01	9/19/2007	Be-7	-1.00E+01	1.80E+01	6.70E+01

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

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L12996-01	9/19/2007	Ce-141	4.30E+00	3.30E+00	1.10E+01
TM	MR	L12996-01	9/19/2007	Ce-144	3.00E+00	1.30E+01	4.40E+01
TM	MR	L12996-01	9/19/2007	Co-57	9.00E-01	1.50E+00	5.20E+00
TM	MR	L12996-01	9/19/2007	Co-58	-1.10E+00	3.00E+00	1.10E+01
TM	MR	L12996-01	9/19/2007	Co-60	7.10E+00	3.80E+00	1.20E+01
TM	MR	L12996-01	9/19/2007	Cr-51	2.10E+01	2.00E+01	6.70E+01
TM	MR	L12996-01	9/19/2007	Cs-134	-2.00E+00	3.00E+00	1.20E+01
TM	MR	L12996-01	9/19/2007	Cs-137	6.50E+00	2.50E+00	7.40E+00
TM	MR	L12996-01	9/19/2007	Fe-59	3.90E+00	6.70E+00	2.40E+01
TM	MR	L12996-01	9/19/2007	I-131	-1.00E-02	1.20E-01	7.40E-01
TM	MR	L12996-01	9/19/2007	K-40	1.85E+03	1.10E+02	1.80E+02 *
TM	MR	L12996-01	9/19/2007	La-140	2.80E+00	3.90E+00	1.40E+01
TM	MR	L12996-01	9/19/2007	Mn-54	2.70E+00	3.10E+00	1.10E+01
TM	MR	L12996-01	9/19/2007	Nb-95	-1.20E+00	3.00E+00	1.10E+01
TM	MR	L12996-01	9/19/2007	Ru-103	6.00E-01	2.70E+00	9.60E+00
TM	MR	L12996-01	9/19/2007	Ru-106	-1.20E+01	1.90E+01	7.30E+01
TM	MR	L12996-01	9/19/2007	Sb-124	-6.30E+00	5.50E+00	2.50E+01
TM	MR	L12996-01	9/19/2007	Sb-125	7.00E-01	6.30E+00	2.30E+01
TM	MR	L12996-01	9/19/2007	Se-75	-6.00E-01	2.70E+00	9.50E+00
TM	MR	L12996-01	9/19/2007	Zn-65	0.00E+00	7.20E+00	2.60E+01
TM	MR	L12996-01	9/19/2007	Zr-95	2.00E+00	4.70E+00	1.70E+01
TM	SF	L12996-02	9/19/2007	AcTh-228	1.67E+01	8.80E+00	2.80E+01
TM	SF	L12996-02	9/19/2007	Ag-108m	2.30E+00	2.20E+00	7.40E+00
TM	SF	L12996-02	9/19/2007	Ag-110m	-1.30E+00	2.60E+00	1.00E+01
TM	SF	L12996-02	9/19/2007	Ba-140	6.90E+00	3.40E+00	1.00E+01
TM	SF	L12996-02	9/19/2007	Be-7	1.10E+01	2.10E+01	7.30E+01
TM	SF	L12996-02	9/19/2007	Ce-141	7.00E-01	3.60E+00	1.30E+01
TM	SF	L12996-02	9/19/2007	Ce-144	-2.40E+01	1.30E+01	4.90E+01
TM	SF	L12996-02	9/19/2007	Co-57	-1.50E+00	1.40E+00	5.20E+00
TM	SF	L12996-02	9/19/2007	Co-58	1.00E+00	2.50E+00	9.00E+00
TM	SF	L12996-02	9/19/2007	Co-60	-3.40E+00	2.30E+00	9.60E+00
TM	SF	L12996-02	9/19/2007	Cr-51	2.00E+00	2.10E+01	7.30E+01
TM	SF	L12996-02	9/19/2007	Cs-134	3.10E+00	2.40E+00	8.10E+00
TM	SF	L12996-02	9/19/2007	Cs-137	-3.60E+00	2.30E+00	9.00E+00
TM	SF	L12996-02	9/19/2007	Fe-59	8.30E+00	5.10E+00	1.70E+01
TM	SF	L12996-02	9/19/2007	I-131	8.00E-02	1.10E-01	4.60E-01
TM	SF	L12996-02	9/19/2007	K-40	1.45E+03	8.50E+01	1.20E+02 *
TM	SF	L12996-02	9/19/2007	La-140	7.90E+00	3.90E+00	1.20E+01
TM	SF	L12996-02	9/19/2007	Mn-54	-1.90E+00	2.30E+00	8.70E+00
TM	SF	L12996-02	9/19/2007	Nb-95	-4.00E+00	2.50E+00	9.90E+00
TM	SF	L12996-02	9/19/2007	Ru-103	1.40E+00	2.70E+00	9.30E+00
TM	SF	L12996-02	9/19/2007	Ru-106	-3.10E+01	2.10E+01	8.10E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L12996-02	9/19/2007	Sb-124	-1.10E+00	4.70E+00	1.90E+01
TM	SF	L12996-02	9/19/2007	Sb-125	-1.30E+00	5.80E+00	2.10E+01
TM	SF	L12996-02	9/19/2007	Se-75	3.80E+00	2.80E+00	9.20E+00
TM	SF	L12996-02	9/19/2007	Zn-65	-6.30E+00	5.70E+00	2.20E+01
TM	SF	L12996-02	9/19/2007	Zr-95	-6.00E-01	5.00E+00	1.80E+01
TM	LF	L12996-03	9/19/2007	AcTh-228	1.10E+01	1.10E+01	3.80E+01
TM	LF	L12996-03	9/19/2007	Ag-108m	-1.40E+00	1.60E+00	6.10E+00
TM	LF	L12996-03	9/19/2007	Ag-110m	-5.00E-01	3.20E+00	1.20E+01
TM	LF	L12996-03	9/19/2007	Ba-140	3.40E+00	3.60E+00	1.30E+01
TM	LF	L12996-03	9/19/2007	Be-7	-1.90E+01	1.80E+01	6.90E+01
TM	LF	L12996-03	9/19/2007	Ce-141	5.00E-01	2.80E+00	9.90E+00
TM	LF	L12996-03	9/19/2007	Ce-144	3.00E+00	1.10E+01	3.70E+01
TM	LF	L12996-03	9/19/2007	Co-57	1.80E+00	1.40E+00	4.50E+00
TM	LF	L12996-03	9/19/2007	Co-58	3.00E-01	2.50E+00	9.10E+00
TM	LF	L12996-03	9/19/2007	Co-60	2.30E+00	2.80E+00	9.90E+00
TM	LF	L12996-03	9/19/2007	Cr-51	-1.80E+01	2.00E+01	7.20E+01
TM	LF	L12996-03	9/19/2007	Cs-134	-4.60E+00	2.60E+00	1.10E+01
TM	LF	L12996-03	9/19/2007	Cs-137	-2.60E+00	2.60E+00	1.00E+01
TM	LF	L12996-03	9/19/2007	Fe-59	-9.00E-01	6.10E+00	2.20E+01
TM	LF	L12996-03	9/19/2007	I-131	1.00E-03	8.70E-02	4.50E-01
TM	LF	L12996-03	9/19/2007	K-40	1.46E+03	9.20E+01	1.20E+02 *
TM	LF	L12996-03	9/19/2007	La-140	3.90E+00	4.10E+00	1.40E+01
TM	LF	L12996-03	9/19/2007	Mn-54	7.00E-01	2.20E+00	7.90E+00
TM	LF	L12996-03	9/19/2007	Nb-95	-3.20E+00	2.40E+00	9.60E+00
TM	LF	L12996-03	9/19/2007	Ru-103	-1.10E+00	2.40E+00	8.80E+00
TM	LF	L12996-03	9/19/2007	Ru-106	0.00E+00	2.30E+01	8.10E+01
TM	LF	L12996-03	9/19/2007	Sb-124	1.40E+00	5.80E+00	2.20E+01
TM	LF	L12996-03	9/19/2007	Sb-125	-3.80E+00	5.80E+00	2.10E+01
TM	LF	L12996-03	9/19/2007	Se-75	2.70E+00	2.20E+00	7.50E+00
TM	LF	L12996-03	9/19/2007	Zn-65	1.70E+00	5.50E+00	2.00E+01
TM	LF	L12996-03	9/19/2007	Zr-95	3.00E-01	4.10E+00	1.50E+01
TM	MR	L13054-01	10/3/2007	AcTh-228	2.50E+00	7.70E+00	2.70E+01
TM	MR	L13054-01	10/3/2007	Ag-108m	-2.30E+00	1.70E+00	6.30E+00
TM	MR	L13054-01	10/3/2007	Ag-110m	2.50E+00	2.70E+00	9.30E+00
TM	MR	L13054-01	10/3/2007	Ba-140	-5.00E-01	3.10E+00	1.20E+01
TM	MR	L13054-01	10/3/2007	Be-7	-9.00E+00	1.60E+01	5.70E+01
TM	MR	L13054-01	10/3/2007	Ce-141	3.80E+00	3.00E+00	9.90E+00
TM	MR	L13054-01	10/3/2007	Ce-144	-2.50E+01	1.10E+01	4.00E+01
TM	MR	L13054-01	10/3/2007	Co-57	9.00E-01	1.40E+00	4.70E+00
TM	MR	L13054-01	10/3/2007	Co-58	-2.50E+00	2.10E+00	7.90E+00
TM	MR	L13054-01	10/3/2007	Co-60	3.30E+00	2.50E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L13054-01	10/3/2007	Cr-51	1.00E+01	1.70E+01	5.90E+01
TM	MR	L13054-01	10/3/2007	Cs-134	2.00E-01	2.30E+00	8.20E+00
TM	MR	L13054-01	10/3/2007	Cs-137	-1.10E+00	1.90E+00	7.00E+00
TM	MR	L13054-01	10/3/2007	Fe-59	2.60E+00	5.30E+00	1.90E+01
TM	MR	L13054-01	10/3/2007	I-131	-6.60E-02	1.10E-02	5.20E-01
TM	MR	L13054-01	10/3/2007	K-40	2.16E+03	8.50E+01	1.00E+02 *
TM	MR	L13054-01	10/3/2007	La-140	-6.00E-01	3.60E+00	1.40E+01
TM	MR	L13054-01	10/3/2007	Mn-54	-4.50E+00	1.90E+00	7.50E+00
TM	MR	L13054-01	10/3/2007	Nb-95	2.90E+00	2.70E+00	9.20E+00
TM	MR	L13054-01	10/3/2007	Ru-103	-4.10E+00	2.50E+00	9.10E+00
TM	MR	L13054-01	10/3/2007	Ru-106	-1.50E+01	1.90E+01	6.90E+01
TM	MR	L13054-01	10/3/2007	Sb-124	-3.20E+00	4.40E+00	1.80E+01
TM	MR	L13054-01	10/3/2007	Sb-125	-3.90E+00	5.10E+00	1.90E+01
TM	MR	L13054-01	10/3/2007	Se-75	-9.00E-01	2.40E+00	8.50E+00
TM	MR	L13054-01	10/3/2007	Zn-65	-1.20E+00	5.70E+00	2.00E+01
TM	MR	L13054-01	10/3/2007	Zr-95	0.00E+00	3.90E+00	1.40E+01
TM	SF	L13054-02	10/3/2007	AcTh-228	-1.10E+01	1.00E+01	3.90E+01
TM	SF	L13054-02	10/3/2007	Ag-108m	-1.90E+00	2.40E+00	8.80E+00
TM	SF	L13054-02	10/3/2007	Ag-110m	5.70E+00	3.60E+00	1.20E+01
TM	SF	L13054-02	10/3/2007	Ba-140	2.40E+00	3.30E+00	1.20E+01
TM	SF	L13054-02	10/3/2007	Be-7	3.20E+01	2.00E+01	6.70E+01
TM	SF	L13054-02	10/3/2007	Ce-141	-2.30E+00	4.50E+00	1.60E+01
TM	SF	L13054-02	10/3/2007	Ce-144	9.00E+00	1.70E+01	5.70E+01
TM	SF	L13054-02	10/3/2007	Co-57	-1.00E-01	1.80E+00	6.20E+00
TM	SF	L13054-02	10/3/2007	Co-58	4.00E-01	2.50E+00	9.20E+00
TM	SF	L13054-02	10/3/2007	Co-60	-4.80E+00	2.70E+00	1.20E+01
TM	SF	L13054-02	10/3/2007	Cr-51	-9.00E+00	2.50E+01	8.90E+01
TM	SF	L13054-02	10/3/2007	Cs-134	2.00E+00	3.10E+00	1.10E+01
TM	SF	L13054-02	10/3/2007	Cs-137	9.00E-01	2.50E+00	8.90E+00
TM	SF	L13054-02	10/3/2007	Fe-59	8.50E+00	6.10E+00	2.00E+01
TM	SF	L13054-02	10/3/2007	I-131	1.00E-01	1.50E-01	6.60E-01
TM	SF	L13054-02	10/3/2007	K-40	1.31E+03	8.90E+01	1.40E+02 *
TM	SF	L13054-02	10/3/2007	La-140	2.80E+00	3.80E+00	1.40E+01
TM	SF	L13054-02	10/3/2007	Mn-54	2.20E+00	3.00E+00	1.00E+01
TM	SF	L13054-02	10/3/2007	Nb-95	-3.10E+00	3.20E+00	1.20E+01
TM	SF	L13054-02	10/3/2007	Ru-103	-5.90E+00	2.80E+00	1.10E+01
TM	SF	L13054-02	10/3/2007	Ru-106	2.60E+01	2.30E+01	7.70E+01
TM	SF	L13054-02	10/3/2007	Sb-124	0.00E+00	5.20E+00	2.10E+01
TM	SF	L13054-02	10/3/2007	Sb-125	-5.20E+00	5.90E+00	2.20E+01
TM	SF	L13054-02	10/3/2007	Se-75	0.00E+00	3.10E+00	1.10E+01
TM	SF	L13054-02	10/3/2007	Zn-65	8.00E+00	1.20E+01	4.10E+01
TM	SF	L13054-02	10/3/2007	Zr-95	5.20E+00	4.80E+00	1.60E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L13054-03	10/3/2007	AcTh-228	4.10E+00	5.90E+00	2.10E+01
TM	LF	L13054-03	10/3/2007	Ag-108m	4.00E-01	1.20E+00	4.20E+00
TM	LF	L13054-03	10/3/2007	Ag-110m	-1.50E+00	1.90E+00	7.00E+00
TM	LF	L13054-03	10/3/2007	Ba-140	-4.00E-01	3.20E+00	1.20E+01
TM	LF	L13054-03	10/3/2007	Be-7	-5.00E+00	1.40E+01	4.70E+01
TM	LF	L13054-03	10/3/2007	Ce-141	3.60E+00	2.40E+00	8.10E+00
TM	LF	L13054-03	10/3/2007	Ce-144	5.20E+00	7.10E+00	2.40E+01
TM	LF	L13054-03	10/3/2007	Co-57	-6.70E-01	9.40E-01	3.30E+00
TM	LF	L13054-03	10/3/2007	Co-58	5.00E-01	1.40E+00	4.90E+00
TM	LF	L13054-03	10/3/2007	Co-60	-7.00E-01	1.30E+00	4.90E+00
TM	LF	L13054-03	10/3/2007	Cr-51	-2.30E+01	2.10E+01	7.50E+01
TM	LF	L13054-03	10/3/2007	Cs-134	3.00E-01	1.50E+00	5.30E+00
TM	LF	L13054-03	10/3/2007	Cs-137	-2.40E+00	1.40E+00	5.20E+00
TM	LF	L13054-03	10/3/2007	Fe-59	-3.10E+00	3.70E+00	1.30E+01
TM	LF	L13054-03	10/3/2007	I-131	-1.22E-01	1.60E-02	5.90E-01
TM	LF	L13054-03	10/3/2007	K-40	1.40E+03	5.10E+01	7.60E+01 *
TM	LF	L13054-03	10/3/2007	La-140	-4.00E-01	3.70E+00	1.30E+01
TM	LF	L13054-03	10/3/2007	Mn-54	6.00E-01	1.30E+00	4.60E+00
TM	LF	L13054-03	10/3/2007	Nb-95	0.00E+00	1.70E+00	6.00E+00
TM	LF	L13054-03	10/3/2007	Ru-103	-1.10E+00	1.80E+00	6.30E+00
TM	LF	L13054-03	10/3/2007	Ru-106	-7.00E+00	1.30E+01	4.70E+01
TM	LF	L13054-03	10/3/2007	Sb-124	3.10E+00	3.40E+00	1.20E+01
TM	LF	L13054-03	10/3/2007	Sb-125	2.10E+00	3.40E+00	1.20E+01
TM	LF	L13054-03	10/3/2007	Se-75	2.20E+00	1.90E+00	6.20E+00
TM	LF	L13054-03	10/3/2007	Zn-65	-6.80E+00	3.70E+00	1.40E+01
TM	LF	L13054-03	10/3/2007	Zr-95	4.20E+00	2.60E+00	8.50E+00
TM	MR	L13101-01	10/17/2007	AcTh-228	1.50E+01	1.10E+01	3.50E+01
TM	MR	L13101-01	10/17/2007	Ag-108m	5.00E-01	1.70E+00	5.90E+00
TM	MR	L13101-01	10/17/2007	Ag-110m	0.00E+00	3.30E+00	1.20E+01
TM	MR	L13101-01	10/17/2007	Ba-140	2.10E+00	3.90E+00	1.40E+01
TM	MR	L13101-01	10/17/2007	Be-7	3.00E+00	1.60E+01	5.80E+01
TM	MR	L13101-01	10/17/2007	Ce-141	2.00E+00	1.70E+00	5.80E+00
TM	MR	L13101-01	10/17/2007	Ce-144	3.00E+00	1.00E+01	3.40E+01
TM	MR	L13101-01	10/17/2007	Co-57	-1.30E+00	1.20E+00	4.40E+00
TM	MR	L13101-01	10/17/2007	Co-58	-4.00E-01	2.00E+00	7.30E+00
TM	MR	L13101-01	10/17/2007	Co-60	-1.70E+00	2.50E+00	9.60E+00
TM	MR	L13101-01	10/17/2007	Cr-51	-8.00E+00	1.70E+01	5.90E+01
TM	MR	L13101-01	10/17/2007	Cs-134	3.20E+00	2.20E+00	7.20E+00
TM	MR	L13101-01	10/17/2007	Cs-137	5.00E-01	2.20E+00	7.80E+00
TM	MR	L13101-01	10/17/2007	Fe-59	3.70E+00	5.20E+00	1.80E+01
TM	MR	L13101-01	10/17/2007	I-131	2.10E-01	1.90E-01	6.90E-01
TM	MR	L13101-01	10/17/2007	K-40	1.84E+03	8.90E+01	1.20E+02 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L13101-01	10/17/2007	La-140	2.10E+00	3.90E+00	1.40E+01
TM	MR	L13101-01	10/17/2007	Mn-54	-1.60E+00	1.80E+00	7.00E+00
TM	MR	L13101-01	10/17/2007	Nb-95	-3.50E+00	2.30E+00	8.90E+00
TM	MR	L13101-01	10/17/2007	Ru-103	-4.30E+00	2.00E+00	7.80E+00
TM	MR	L13101-01	10/17/2007	Ru-106	2.70E+01	2.10E+01	7.00E+01
TM	MR	L13101-01	10/17/2007	Sb-124	-4.10E+00	4.10E+00	1.80E+01
TM	MR	L13101-01	10/17/2007	Sb-125	-4.60E+00	5.10E+00	1.90E+01
TM	MR	L13101-01	10/17/2007	Se-75	1.70E+00	2.00E+00	6.70E+00
TM	MR	L13101-01	10/17/2007	Zn-65	9.00E+00	1.00E+01	3.50E+01
TM	MR	L13101-01	10/17/2007	Zr-95	-1.90E+00	4.20E+00	1.50E+01
TM	SF	L13101-02	10/17/2007	AcTh-228	-7.30E+00	5.50E+00	2.00E+01
TM	SF	L13101-02	10/17/2007	Ag-108m	5.00E-01	1.00E+00	3.50E+00
TM	SF	L13101-02	10/17/2007	Ag-110m	1.80E+00	1.50E+00	5.20E+00
TM	SF	L13101-02	10/17/2007	Ba-140	-1.00E-01	2.30E+00	8.30E+00
TM	SF	L13101-02	10/17/2007	Be-7	0.00E+00	1.00E+01	3.50E+01
TM	SF	L13101-02	10/17/2007	Ce-141	-3.80E+00	2.10E+00	7.40E+00
TM	SF	L13101-02	10/17/2007	Ce-144	3.60E+00	6.70E+00	2.30E+01
TM	SF	L13101-02	10/17/2007	Co-57	-5.30E-01	9.00E-01	3.10E+00
TM	SF	L13101-02	10/17/2007	Co-58	-8.00E-01	1.30E+00	4.60E+00
TM	SF	L13101-02	10/17/2007	Co-60	4.00E-01	1.40E+00	4.70E+00
TM	SF	L13101-02	10/17/2007	Cr-51	1.30E+01	1.30E+01	4.20E+01
TM	SF	L13101-02	10/17/2007	Cs-134	1.50E+00	1.30E+00	4.50E+00
TM	SF	L13101-02	10/17/2007	Cs-137	1.40E+00	1.30E+00	4.30E+00
TM	SF	L13101-02	10/17/2007	Fe-59	-1.60E+00	3.00E+00	1.10E+01
TM	SF	L13101-02	10/17/2007	I-131	2.10E-01	2.20E-01	8.40E-01
TM	SF	L13101-02	10/17/2007	K-40	1.42E+03	4.70E+01	6.60E+01 *
TM	SF	L13101-02	10/17/2007	La-140	-1.00E-01	2.30E+00	8.30E+00
TM	SF	L13101-02	10/17/2007	Mn-54	5.00E-01	1.30E+00	4.50E+00
TM	SF	L13101-02	10/17/2007	Nb-95	-1.40E+00	1.50E+00	5.40E+00
TM	SF	L13101-02	10/17/2007	Ru-103	-2.20E+00	1.30E+00	4.80E+00
TM	SF	L13101-02	10/17/2007	Ru-106	-1.00E+01	1.10E+01	4.00E+01
TM	SF	L13101-02	10/17/2007	Sb-124	-6.80E+00	2.80E+00	1.20E+01
TM	SF	L13101-02	10/17/2007	Sb-125	0.00E+00	3.10E+00	1.10E+01
TM	SF	L13101-02	10/17/2007	Se-75	4.00E-01	1.40E+00	4.90E+00
TM	SF	L13101-02	10/17/2007	Zn-65	-1.80E+00	3.40E+00	1.20E+01
TM	SF	L13101-02	10/17/2007	Zr-95	-3.20E+00	2.40E+00	8.70E+00
TM	LF	L13101-03	10/17/2007	AcTh-228	7.20E+00	8.60E+00	3.00E+01
TM	LF	L13101-03	10/17/2007	Ag-108m	8.00E-01	1.70E+00	5.90E+00
TM	LF	L13101-03	10/17/2007	Ag-110m	6.30E+00	3.10E+00	9.70E+00
TM	LF	L13101-03	10/17/2007	Ba-140	-2.30E+00	3.60E+00	1.40E+01
TM	LF	L13101-03	10/17/2007	Be-7	2.00E+00	1.70E+01	6.00E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L13101-03	10/17/2007	Ce-141	2.60E+00	3.40E+00	1.10E+01
TM	LF	L13101-03	10/17/2007	Ce-144	-1.00E+00	1.20E+01	4.10E+01
TM	LF	L13101-03	10/17/2007	Co-57	-1.50E+00	1.50E+00	5.30E+00
TM	LF	L13101-03	10/17/2007	Co-58	-3.40E+00	1.90E+00	7.90E+00
TM	LF	L13101-03	10/17/2007	Co-60	8.00E-01	2.20E+00	8.20E+00
TM	LF	L13101-03	10/17/2007	Cr-51	-4.00E+00	2.10E+01	7.30E+01
TM	LF	L13101-03	10/17/2007	Cs-134	0.00E+00	2.20E+00	8.20E+00
TM	LF	L13101-03	10/17/2007	Cs-137	1.60E+00	2.20E+00	7.80E+00
TM	LF	L13101-03	10/17/2007	Fe-59	-6.00E+00	5.50E+00	2.10E+01
TM	LF	L13101-03	10/17/2007	I-131	7.00E-02	1.40E-01	7.00E-01
TM	LF	L13101-03	10/17/2007	K-40	1.45E+03	8.10E+01	1.10E+02 *
TM	LF	L13101-03	10/17/2007	La-140	-2.30E+00	3.60E+00	1.40E+01
TM	LF	L13101-03	10/17/2007	Mn-54	2.50E+00	2.00E+00	6.60E+00
TM	LF	L13101-03	10/17/2007	Nb-95	1.50E+00	2.40E+00	8.30E+00
TM	LF	L13101-03	10/17/2007	Ru-103	-2.40E+00	2.10E+00	7.90E+00
TM	LF	L13101-03	10/17/2007	Ru-106	-1.30E+01	2.00E+01	7.40E+01
TM	LF	L13101-03	10/17/2007	Sb-124	1.00E-01	4.70E+00	1.80E+01
TM	LF	L13101-03	10/17/2007	Sb-125	-7.00E-01	5.40E+00	1.90E+01
TM	LF	L13101-03	10/17/2007	Se-75	-2.60E+00	2.40E+00	8.90E+00
TM	LF	L13101-03	10/17/2007	Zn-65	-8.20E+00	5.50E+00	2.20E+01
TM	LF	L13101-03	10/17/2007	Zr-95	-3.40E+00	3.60E+00	1.40E+01
TM	MR	L13191-01	10/31/2007	AcTh-228	-4.90E+00	8.70E+00	3.20E+01
TM	MR	L13191-01	10/31/2007	Ag-108m	6.00E-01	2.20E+00	7.50E+00
TM	MR	L13191-01	10/31/2007	Ag-110m	2.70E+00	3.20E+00	1.10E+01
TM	MR	L13191-01	10/31/2007	Ba-140	-2.10E+00	3.20E+00	1.30E+01
TM	MR	L13191-01	10/31/2007	Be-7	5.00E+00	2.10E+01	7.20E+01
TM	MR	L13191-01	10/31/2007	Ce-141	7.60E+00	3.50E+00	1.10E+01
TM	MR	L13191-01	10/31/2007	Ce-144	-3.00E+00	1.20E+01	4.20E+01
TM	MR	L13191-01	10/31/2007	Co-57	-1.70E+00	1.40E+00	5.20E+00
TM	MR	L13191-01	10/31/2007	Co-58	-9.00E-01	2.30E+00	8.40E+00
TM	MR	L13191-01	10/31/2007	Co-60	-1.60E+00	2.40E+00	9.20E+00
TM	MR	L13191-01	10/31/2007	Cr-51	4.70E+01	2.00E+01	6.40E+01
TM	MR	L13191-01	10/31/2007	Cs-134	-3.00E-01	2.30E+00	8.60E+00
TM	MR	L13191-01	10/31/2007	Cs-137	-3.80E+00	2.30E+00	8.80E+00
TM	MR	L13191-01	10/31/2007	Fe-59	-7.70E+00	5.10E+00	2.00E+01
TM	MR	L13191-01	10/31/2007	I-131	2.00E-02	1.30E-01	7.30E-01
TM	MR	L13191-01	10/31/2007	K-40	1.95E+03	9.20E+01	1.20E+02 *
TM	MR	L13191-01	10/31/2007	La-140	-2.10E+00	3.20E+00	1.30E+01
TM	MR	L13191-01	10/31/2007	Mn-54	4.90E+00	2.30E+00	7.40E+00
TM	MR	L13191-01	10/31/2007	Nb-95	2.70E+00	2.40E+00	8.20E+00
TM	MR	L13191-01	10/31/2007	Ru-103	-3.00E+00	2.60E+00	9.70E+00
TM	MR	L13191-01	10/31/2007	Ru-106	-4.00E+00	2.10E+01	7.40E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	MR	L13191-01	10/31/2007	Sb-124	-9.90E+00	5.40E+00	2.30E+01
TM	MR	L13191-01	10/31/2007	Sb-125	-1.36E+01	5.70E+00	2.20E+01
TM	MR	L13191-01	10/31/2007	Se-75	1.70E+00	2.90E+00	9.80E+00
TM	MR	L13191-01	10/31/2007	Zn-65	5.00E+00	6.40E+00	2.20E+01
TM	MR	L13191-01	10/31/2007	Zr-95	-5.00E-01	4.00E+00	1.50E+01
TM	SF	L13191-02	10/31/2007	AcTh-228	-2.50E+00	8.50E+00	3.10E+01
TM	SF	L13191-02	10/31/2007	Ag-108m	3.20E+00	1.60E+00	5.10E+00
TM	SF	L13191-02	10/31/2007	Ag-110m	2.20E+00	2.80E+00	9.60E+00
TM	SF	L13191-02	10/31/2007	Ba-140	8.00E+00	3.40E+00	1.00E+01
TM	SF	L13191-02	10/31/2007	Be-7	-1.90E+01	1.40E+01	5.60E+01
TM	SF	L13191-02	10/31/2007	Ce-141	1.00E+00	3.20E+00	1.10E+01
TM	SF	L13191-02	10/31/2007	Ce-144	4.00E+00	1.10E+01	3.70E+01
TM	SF	L13191-02	10/31/2007	Co-57	1.10E+00	1.40E+00	4.80E+00
TM	SF	L13191-02	10/31/2007	Co-58	-1.80E+00	2.00E+00	7.70E+00
TM	SF	L13191-02	10/31/2007	Co-60	2.10E+00	2.20E+00	7.80E+00
TM	SF	L13191-02	10/31/2007	Cr-51	0.00E+00	1.90E+01	6.70E+01
TM	SF	L13191-02	10/31/2007	Cs-134	2.50E+00	2.50E+00	8.40E+00
TM	SF	L13191-02	10/31/2007	Cs-137	1.20E+00	2.00E+00	7.00E+00
TM	SF	L13191-02	10/31/2007	Fe-59	2.50E+00	4.70E+00	1.70E+01
TM	SF	L13191-02	10/31/2007	I-131	2.60E-01	2.20E-01	7.70E-01
TM	SF	L13191-02	10/31/2007	K-40	1.56E+03	8.10E+01	1.20E+02 *
TM	SF	L13191-02	10/31/2007	La-140	8.00E+00	3.40E+00	1.00E+01
TM	SF	L13191-02	10/31/2007	Mn-54	5.00E-01	1.80E+00	6.50E+00
TM	SF	L13191-02	10/31/2007	Nb-95	2.30E+00	2.60E+00	9.00E+00
TM	SF	L13191-02	10/31/2007	Ru-103	-1.10E+00	2.20E+00	8.00E+00
TM	SF	L13191-02	10/31/2007	Ru-106	-9.00E+00	1.80E+01	6.50E+01
TM	SF	L13191-02	10/31/2007	Sb-124	1.00E+00	4.40E+00	1.70E+01
TM	SF	L13191-02	10/31/2007	Sb-125	-1.08E+01	4.50E+00	1.80E+01
TM	SF	L13191-02	10/31/2007	Se-75	0.00E+00	2.50E+00	8.60E+00
TM	SF	L13191-02	10/31/2007	Zn-65	-4.70E+00	5.60E+00	2.10E+01
TM	SF	L13191-02	10/31/2007	Zr-95	4.50E+00	3.30E+00	1.10E+01
TM	LF	L13191-03	10/31/2007	AcTh-228	9.20E+00	8.00E+00	2.70E+01
TM	LF	L13191-03	10/31/2007	Ag-108m	2.00E-01	1.70E+00	5.80E+00
TM	LF	L13191-03	10/31/2007	Ag-110m	-2.80E+00	2.60E+00	9.90E+00
TM	LF	L13191-03	10/31/2007	Ba-140	-1.00E-01	3.30E+00	1.30E+01
TM	LF	L13191-03	10/31/2007	Be-7	-2.40E+01	1.60E+01	6.20E+01
TM	LF	L13191-03	10/31/2007	Ce-141	3.00E-01	3.10E+00	1.10E+01
TM	LF	L13191-03	10/31/2007	Ce-144	-1.60E+01	1.10E+01	4.10E+01
TM	LF	L13191-03	10/31/2007	Co-57	-1.30E+00	1.40E+00	4.90E+00
TM	LF	L13191-03	10/31/2007	Co-58	3.00E-01	2.10E+00	7.40E+00
TM	LF	L13191-03	10/31/2007	Co-60	-7.00E-01	2.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L13191-03	10/31/2007	Cr-51	1.30E+01	1.70E+01	6.00E+01
TM	LF	L13191-03	10/31/2007	Cs-134	-2.10E+00	2.10E+00	8.20E+00
TM	LF	L13191-03	10/31/2007	Cs-137	-3.00E-01	2.30E+00	8.40E+00
TM	LF	L13191-03	10/31/2007	Fe-59	4.80E+00	4.70E+00	1.60E+01
TM	LF	L13191-03	10/31/2007	I-131	-2.00E-02	1.40E-01	8.90E-01
TM	LF	L13191-03	10/31/2007	K-40	1.36E+03	7.50E+01	1.10E+02 *
TM	LF	L13191-03	10/31/2007	La-140	-1.00E-01	3.30E+00	1.30E+01
TM	LF	L13191-03	10/31/2007	Mn-54	1.00E+00	2.00E+00	7.20E+00
TM	LF	L13191-03	10/31/2007	Nb-95	1.60E+00	2.50E+00	8.70E+00
TM	LF	L13191-03	10/31/2007	Ru-103	-8.00E-01	2.00E+00	7.10E+00
TM	LF	L13191-03	10/31/2007	Ru-106	-1.40E+01	1.80E+01	6.60E+01
TM	LF	L13191-03	10/31/2007	Sb-124	3.80E+00	4.30E+00	1.50E+01
TM	LF	L13191-03	10/31/2007	Sb-125	1.09E+01	5.10E+00	1.60E+01
TM	LF	L13191-03	10/31/2007	Se-75	3.00E+00	2.30E+00	7.60E+00
TM	LF	L13191-03	10/31/2007	Zn-65	2.50E+00	5.80E+00	2.00E+01
TM	LF	L13191-03	10/31/2007	Zr-95	2.20E+00	3.40E+00	1.20E+01
TM	MR	L13248-01	11/14/2007	AcTh-228	-3.70E+00	7.50E+00	2.70E+01
TM	MR	L13248-01	11/14/2007	Ag-108m	-4.00E-01	1.50E+00	5.20E+00
TM	MR	L13248-01	11/14/2007	Ag-110m	-3.30E+00	2.40E+00	9.30E+00
TM	MR	L13248-01	11/14/2007	Ba-140	2.50E+00	4.00E+00	1.40E+01
TM	MR	L13248-01	11/14/2007	Be-7	-1.20E+01	1.70E+01	6.20E+01
TM	MR	L13248-01	11/14/2007	Ce-141	0.00E+00	3.10E+00	1.10E+01
TM	MR	L13248-01	11/14/2007	Ce-144	-5.10E+00	9.20E+00	3.30E+01
TM	MR	L13248-01	11/14/2007	Co-57	-1.90E+00	1.20E+00	4.50E+00
TM	MR	L13248-01	11/14/2007	Co-58	-1.50E+00	2.10E+00	7.70E+00
TM	MR	L13248-01	11/14/2007	Co-60	1.30E+00	1.90E+00	6.60E+00
TM	MR	L13248-01	11/14/2007	Cr-51	1.50E+01	1.90E+01	6.40E+01
TM	MR	L13248-01	11/14/2007	Cs-134	-6.00E-01	2.00E+00	7.10E+00
TM	MR	L13248-01	11/14/2007	Cs-137	-8.00E-01	1.80E+00	6.60E+00
TM	MR	L13248-01	11/14/2007	Fe-59	-2.50E+00	5.20E+00	1.90E+01
TM	MR	L13248-01	11/14/2007	I-131	4.00E-02	1.60E-01	8.70E-01
TM	MR	L13248-01	11/14/2007	K-40	2.09E+03	7.80E+01	9.30E+01 *
TM	MR	L13248-01	11/14/2007	La-140	2.50E+00	4.00E+00	1.40E+01
TM	MR	L13248-01	11/14/2007	Mn-54	6.00E-01	2.00E+00	7.00E+00
TM	MR	L13248-01	11/14/2007	Nb-95	-2.70E+00	2.40E+00	9.00E+00
TM	MR	L13248-01	11/14/2007	Ru-103	-2.50E+00	2.30E+00	8.50E+00
TM	MR	L13248-01	11/14/2007	Ru-106	-1.00E+01	1.70E+01	6.30E+01
TM	MR	L13248-01	11/14/2007	Sb-124	-5.80E+00	4.10E+00	1.70E+01
TM	MR	L13248-01	11/14/2007	Sb-125	-4.00E-01	4.70E+00	1.70E+01
TM	MR	L13248-01	11/14/2007	Se-75	1.20E+00	2.30E+00	7.80E+00
TM	MR	L13248-01	11/14/2007	Zn-65	-1.30E+00	4.80E+00	1.70E+01
TM	MR	L13248-01	11/14/2007	Zr-95	-9.00E+00	3.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L13248-02	11/14/2007	AcTh-228	7.70E+00	7.20E+00	2.40E+01
TM	SF	L13248-02	11/14/2007	Ag-108m	1.10E+00	1.40E+00	4.60E+00
TM	SF	L13248-02	11/14/2007	Ag-110m	-1.10E+00	2.40E+00	8.90E+00
TM	SF	L13248-02	11/14/2007	Ba-140	1.20E+00	3.90E+00	1.40E+01
TM	SF	L13248-02	11/14/2007	Be-7	-4.00E+00	1.30E+01	4.70E+01
TM	SF	L13248-02	11/14/2007	Ce-141	-1.02E+01	2.90E+00	1.10E+01
TM	SF	L13248-02	11/14/2007	Ce-144	5.50E+00	9.50E+00	3.20E+01
TM	SF	L13248-02	11/14/2007	Co-57	-5.00E-01	1.20E+00	4.20E+00
TM	SF	L13248-02	11/14/2007	Co-58	-4.70E+00	2.00E+00	7.80E+00
TM	SF	L13248-02	11/14/2007	Co-60	-5.00E-01	2.00E+00	7.20E+00
TM	SF	L13248-02	11/14/2007	Cr-51	-2.00E+00	1.80E+01	6.20E+01
TM	SF	L13248-02	11/14/2007	Cs-134	2.00E+00	1.80E+00	6.20E+00
TM	SF	L13248-02	11/14/2007	Cs-137	-1.60E+00	1.50E+00	5.80E+00
TM	SF	L13248-02	11/14/2007	Fe-59	-3.60E+00	4.70E+00	1.70E+01
TM	SF	L13248-02	11/14/2007	I-131	-8.00E-02	1.20E-01	8.50E-01
TM	SF	L13248-02	11/14/2007	K-40	1.27E+03	6.30E+01	1.00E+02 *
TM	SF	L13248-02	11/14/2007	La-140	1.20E+00	3.90E+00	1.40E+01
TM	SF	L13248-02	11/14/2007	Mn-54	-7.00E-01	1.80E+00	6.60E+00
TM	SF	L13248-02	11/14/2007	Nb-95	-9.00E-01	2.50E+00	9.00E+00
TM	SF	L13248-02	11/14/2007	Ru-103	1.60E+00	2.10E+00	7.10E+00
TM	SF	L13248-02	11/14/2007	Ru-106	3.00E+00	1.70E+01	5.80E+01
TM	SF	L13248-02	11/14/2007	Sb-124	-7.90E+00	3.90E+00	1.70E+01
TM	SF	L13248-02	11/14/2007	Sb-125	4.00E-01	4.30E+00	1.50E+01
TM	SF	L13248-02	11/14/2007	Se-75	0.00E+00	2.10E+00	7.10E+00
TM	SF	L13248-02	11/14/2007	Zn-65	-8.80E+00	4.60E+00	1.80E+01
TM	SF	L13248-02	11/14/2007	Zr-95	0.00E+00	3.20E+00	1.10E+01
TM	LF	L13248-03	11/14/2007	AcTh-228	-2.60E+00	7.10E+00	2.60E+01
TM	LF	L13248-03	11/14/2007	Ag-108m	2.50E+00	1.40E+00	4.60E+00
TM	LF	L13248-03	11/14/2007	Ag-110m	-2.40E+00	2.40E+00	9.10E+00
TM	LF	L13248-03	11/14/2007	Ba-140	-2.90E+00	3.50E+00	1.40E+01
TM	LF	L13248-03	11/14/2007	Be-7	7.00E+00	1.50E+01	5.20E+01
TM	LF	L13248-03	11/14/2007	Ce-141	3.90E+00	2.80E+00	9.30E+00
TM	LF	L13248-03	11/14/2007	Ce-144	2.80E+00	9.80E+00	3.40E+01
TM	LF	L13248-03	11/14/2007	Co-57	-6.00E-01	1.20E+00	4.30E+00
TM	LF	L13248-03	11/14/2007	Co-58	8.00E-01	1.90E+00	6.70E+00
TM	LF	L13248-03	11/14/2007	Co-60	-5.00E-01	1.80E+00	6.70E+00
TM	LF	L13248-03	11/14/2007	Cr-51	-3.20E+01	1.70E+01	6.40E+01
TM	LF	L13248-03	11/14/2007	Cs-134	-6.00E-01	1.60E+00	6.10E+00
TM	LF	L13248-03	11/14/2007	Cs-137	-3.30E+00	2.10E+00	7.90E+00
TM	LF	L13248-03	11/14/2007	Fe-59	-1.60E+00	4.30E+00	1.60E+01
TM	LF	L13248-03	11/14/2007	I-131	-1.19E-01	1.90E-02	9.00E-01
TM	LF	L13248-03	11/14/2007	K-40	1.29E+03	6.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L13248-03	11/14/2007	La-140	-2.90E+00	3.50E+00	1.40E+01
TM	LF	L13248-03	11/14/2007	Mn-54	4.00E-01	1.50E+00	5.30E+00
TM	LF	L13248-03	11/14/2007	Nb-95	4.00E-01	1.90E+00	6.90E+00
TM	LF	L13248-03	11/14/2007	Ru-103	2.30E+00	1.80E+00	6.10E+00
TM	LF	L13248-03	11/14/2007	Ru-106	-6.00E+00	1.70E+01	6.00E+01
TM	LF	L13248-03	11/14/2007	Sb-124	2.80E+00	4.20E+00	1.50E+01
TM	LF	L13248-03	11/14/2007	Sb-125	-3.70E+00	4.40E+00	1.60E+01
TM	LF	L13248-03	11/14/2007	Se-75	-4.00E-01	1.90E+00	6.70E+00
TM	LF	L13248-03	11/14/2007	Zn-65	2.10E+00	4.40E+00	1.50E+01
TM	LF	L13248-03	11/14/2007	Zr-95	7.00E-01	3.20E+00	1.10E+01
TM	MR	L13309-01	11/28/2007	AcTh-228	-6.00E+00	1.00E+01	3.90E+01
TM	MR	L13309-01	11/28/2007	Ag-108m	1.10E+00	2.60E+00	9.00E+00
TM	MR	L13309-01	11/28/2007	Ag-110m	1.50E+00	3.50E+00	1.20E+01
TM	MR	L13309-01	11/28/2007	Ba-140	9.00E-01	3.50E+00	1.30E+01
TM	MR	L13309-01	11/28/2007	Be-7	-1.80E+01	2.30E+01	8.50E+01
TM	MR	L13309-01	11/28/2007	Ce-141	-2.80E+00	4.10E+00	1.50E+01
TM	MR	L13309-01	11/28/2007	Ce-144	6.00E+00	1.20E+01	4.20E+01
TM	MR	L13309-01	11/28/2007	Co-57	2.40E+00	1.70E+00	5.80E+00
TM	MR	L13309-01	11/28/2007	Co-58	-2.90E+00	2.80E+00	1.10E+01
TM	MR	L13309-01	11/28/2007	Co-60	-2.40E+00	2.70E+00	1.10E+01
TM	MR	L13309-01	11/28/2007	Cr-51	2.40E+01	2.30E+01	7.70E+01
TM	MR	L13309-01	11/28/2007	Cs-134	1.20E+00	2.60E+00	9.40E+00
TM	MR	L13309-01	11/28/2007	Cs-137	2.30E+00	2.60E+00	8.90E+00
TM	MR	L13309-01	11/28/2007	Fe-59	-2.90E+00	6.70E+00	2.50E+01
TM	MR	L13309-01	11/28/2007	I-131	4.90E-01	3.20E-01	8.80E-01
TM	MR	L13309-01	11/28/2007	K-40	2.02E+03	1.10E+02	1.40E+02 *
TM	MR	L13309-01	11/28/2007	La-140	9.00E-01	3.50E+00	1.30E+01
TM	MR	L13309-01	11/28/2007	Mn-54	5.20E+00	2.30E+00	7.00E+00
TM	MR	L13309-01	11/28/2007	Nb-95	4.20E+00	2.80E+00	9.30E+00
TM	MR	L13309-01	11/28/2007	Ru-103	-4.00E-01	2.70E+00	9.80E+00
TM	MR	L13309-01	11/28/2007	Ru-106	-5.30E+01	2.60E+01	1.00E+02
TM	MR	L13309-01	11/28/2007	Sb-124	-5.10E+00	4.80E+00	2.10E+01
TM	MR	L13309-01	11/28/2007	Sb-125	6.60E+00	6.70E+00	2.30E+01
TM	MR	L13309-01	11/28/2007	Se-75	-2.10E+00	2.90E+00	1.10E+01
TM	MR	L13309-01	11/28/2007	Zn-65	-2.00E-01	6.70E+00	2.40E+01
TM	MR	L13309-01	11/28/2007	Zr-95	-8.90E+00	4.80E+00	1.90E+01
TM	SF	L13309-02	11/28/2007	AcTh-228	-1.00E-01	9.50E+00	3.40E+01
TM	SF	L13309-02	11/28/2007	Ag-108m	-5.00E-01	1.80E+00	6.50E+00
TM	SF	L13309-02	11/28/2007	Ag-110m	-1.00E-01	3.40E+00	1.20E+01
TM	SF	L13309-02	11/28/2007	Ba-140	4.90E+00	4.00E+00	1.30E+01
TM	SF	L13309-02	11/28/2007	Be-7	-2.70E+01	1.70E+01	6.50E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L13309-02	11/28/2007	Ce-141	-2.10E+00	3.20E+00	1.10E+01
TM	SF	L13309-02	11/28/2007	Ce-144	-1.70E+01	1.00E+01	3.80E+01
TM	SF	L13309-02	11/28/2007	Co-57	3.30E+00	1.40E+00	4.40E+00
TM	SF	L13309-02	11/28/2007	Co-58	-2.40E+00	2.50E+00	9.40E+00
TM	SF	L13309-02	11/28/2007	Co-60	-1.30E+00	2.60E+00	1.00E+01
TM	SF	L13309-02	11/28/2007	Cr-51	1.00E+00	1.60E+01	5.70E+01
TM	SF	L13309-02	11/28/2007	Cs-134	6.60E+00	2.40E+00	7.10E+00
TM	SF	L13309-02	11/28/2007	Cs-137	-1.90E+00	2.10E+00	7.90E+00
TM	SF	L13309-02	11/28/2007	Fe-59	4.30E+00	4.90E+00	1.70E+01
TM	SF	L13309-02	11/28/2007	I-131	-6.90E-02	1.40E-02	9.00E-01
TM	SF	L13309-02	11/28/2007	K-40	1.38E+03	8.60E+01	1.40E+02 *
TM	SF	L13309-02	11/28/2007	La-140	4.90E+00	4.00E+00	1.30E+01
TM	SF	L13309-02	11/28/2007	Mn-54	-1.90E+00	2.30E+00	8.70E+00
TM	SF	L13309-02	11/28/2007	Nb-95	7.00E+00	2.60E+00	8.00E+00
TM	SF	L13309-02	11/28/2007	Ru-103	-7.00E-01	2.10E+00	7.60E+00
TM	SF	L13309-02	11/28/2007	Ru-106	0.00E+00	1.80E+01	6.70E+01
TM	SF	L13309-02	11/28/2007	Sb-124	8.30E+00	5.70E+00	1.90E+01
TM	SF	L13309-02	11/28/2007	Sb-125	-1.23E+01	5.60E+00	2.20E+01
TM	SF	L13309-02	11/28/2007	Se-75	-5.00E-01	2.20E+00	7.80E+00
TM	SF	L13309-02	11/28/2007	Zn-65	-2.20E+00	6.40E+00	2.40E+01
TM	SF	L13309-02	11/28/2007	Zr-95	6.70E+00	3.80E+00	1.20E+01
TM	LF	L13309-03	11/28/2007	AcTh-228	7.80E+00	9.20E+00	3.20E+01
TM	LF	L13309-03	11/28/2007	Ag-108m	-1.60E+00	2.20E+00	8.10E+00
TM	LF	L13309-03	11/28/2007	Ag-110m	-2.80E+00	3.50E+00	1.30E+01
TM	LF	L13309-03	11/28/2007	Ba-140	-7.00E-01	3.80E+00	1.50E+01
TM	LF	L13309-03	11/28/2007	Be-7	-3.00E+00	2.10E+01	7.40E+01
TM	LF	L13309-03	11/28/2007	Ce-141	6.00E+00	3.90E+00	1.30E+01
TM	LF	L13309-03	11/28/2007	Ce-144	-5.00E+00	1.30E+01	4.50E+01
TM	LF	L13309-03	11/28/2007	Co-57	-7.00E-01	1.60E+00	5.80E+00
TM	LF	L13309-03	11/28/2007	Co-58	-3.50E+00	2.70E+00	1.00E+01
TM	LF	L13309-03	11/28/2007	Co-60	2.00E-01	2.50E+00	9.10E+00
TM	LF	L13309-03	11/28/2007	Cr-51	-2.40E+01	2.20E+01	8.20E+01
TM	LF	L13309-03	11/28/2007	Cs-134	3.10E+00	2.20E+00	7.30E+00
TM	LF	L13309-03	11/28/2007	Cs-137	-1.50E+00	2.60E+00	9.70E+00
TM	LF	L13309-03	11/28/2007	Fe-59	5.50E+00	5.20E+00	1.80E+01
TM	LF	L13309-03	11/28/2007	I-131	-6.70E-02	1.30E-02	8.80E-01
TM	LF	L13309-03	11/28/2007	K-40	1.30E+03	7.90E+01	1.30E+02 *
TM	LF	L13309-03	11/28/2007	La-140	-7.00E-01	3.80E+00	1.50E+01
TM	LF	L13309-03	11/28/2007	Mn-54	0.00E+00	2.40E+00	8.60E+00
TM	LF	L13309-03	11/28/2007	Nb-95	-2.60E+00	4.10E+00	1.50E+01
TM	LF	L13309-03	11/28/2007	Ru-103	-2.00E+00	2.60E+00	9.60E+00
TM	LF	L13309-03	11/28/2007	Ru-106	1.90E+01	2.00E+01	7.00E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L13309-03	11/28/2007	Sb-124	6.10E+00	4.10E+00	1.30E+01
TM	LF	L13309-03	11/28/2007	Sb-125	-4.10E+00	5.80E+00	2.10E+01
TM	LF	L13309-03	11/28/2007	Se-75	3.80E+00	2.90E+00	9.60E+00
TM	LF	L13309-03	11/28/2007	Zn-65	-3.00E+00	1.20E+01	4.30E+01
TM	LF	L13309-03	11/28/2007	Zr-95	-2.00E+00	4.30E+00	1.60E+01
TM	MR	L13364-01	12/12/2007	AcTh-228	4.00E-01	9.00E+00	3.30E+01
TM	MR	L13364-01	12/12/2007	Ag-108m	1.70E+00	1.90E+00	6.50E+00
TM	MR	L13364-01	12/12/2007	Ag-110m	4.00E-01	3.30E+00	1.20E+01
TM	MR	L13364-01	12/12/2007	Ba-140	1.90E+00	3.50E+00	1.30E+01
TM	MR	L13364-01	12/12/2007	Be-7	1.20E+01	1.80E+01	6.30E+01
TM	MR	L13364-01	12/12/2007	Ce-141	1.10E+00	3.10E+00	1.10E+01
TM	MR	L13364-01	12/12/2007	Ce-144	2.09E+01	9.90E+00	3.20E+01
TM	MR	L13364-01	12/12/2007	Co-57	-1.40E+00	1.10E+00	3.90E+00
TM	MR	L13364-01	12/12/2007	Co-58	-2.00E-01	2.30E+00	8.60E+00
TM	MR	L13364-01	12/12/2007	Co-60	1.20E+00	2.60E+00	9.40E+00
TM	MR	L13364-01	12/12/2007	Cr-51	-7.00E+00	1.60E+01	5.70E+01
TM	MR	L13364-01	12/12/2007	Cs-134	-1.50E+00	2.70E+00	1.00E+01
TM	MR	L13364-01	12/12/2007	Cs-137	-4.90E+00	1.90E+00	8.10E+00
TM	MR	L13364-01	12/12/2007	Fe-59	-7.10E+00	5.80E+00	2.30E+01
TM	MR	L13364-01	12/12/2007	I-131	-1.03E-01	1.50E-02	8.20E-01
TM	MR	L13364-01	12/12/2007	K-40	1.54E+03	9.10E+01	1.20E+02 *
TM	MR	L13364-01	12/12/2007	La-140	1.90E+00	3.50E+00	1.30E+01
TM	MR	L13364-01	12/12/2007	Mn-54	-1.20E+00	1.90E+00	7.50E+00
TM	MR	L13364-01	12/12/2007	Nb-95	-7.00E-01	2.60E+00	9.50E+00
TM	MR	L13364-01	12/12/2007	Ru-103	-2.00E-01	2.10E+00	7.70E+00
TM	MR	L13364-01	12/12/2007	Ru-106	-7.00E+00	2.00E+01	7.30E+01
TM	MR	L13364-01	12/12/2007	Sb-124	-1.30E+00	4.70E+00	1.90E+01
TM	MR	L13364-01	12/12/2007	Sb-125	-7.90E+00	5.00E+00	1.90E+01
TM	MR	L13364-01	12/12/2007	Se-75	1.00E-01	2.10E+00	7.30E+00
TM	MR	L13364-01	12/12/2007	Zn-65	4.80E+00	6.00E+00	2.10E+01
TM	MR	L13364-01	12/12/2007	Zr-95	1.40E+00	4.10E+00	1.50E+01
TM	SF	L13364-02	12/12/2007	AcTh-228	7.00E+00	1.20E+01	4.30E+01
TM	SF	L13364-02	12/12/2007	Ag-108m	-1.40E+00	2.10E+00	7.80E+00
TM	SF	L13364-02	12/12/2007	Ag-110m	0.00E+00	4.30E+00	1.60E+01
TM	SF	L13364-02	12/12/2007	Ba-140	6.80E+00	4.50E+00	1.50E+01
TM	SF	L13364-02	12/12/2007	Be-7	-4.10E+01	2.30E+01	8.80E+01
TM	SF	L13364-02	12/12/2007	Ce-141	-4.50E+00	4.10E+00	1.40E+01
TM	SF	L13364-02	12/12/2007	Ce-144	5.00E+00	1.50E+01	5.00E+01
TM	SF	L13364-02	12/12/2007	Co-57	-2.00E+00	1.70E+00	6.20E+00
TM	SF	L13364-02	12/12/2007	Co-58	-2.30E+00	2.70E+00	1.00E+01
TM	SF	L13364-02	12/12/2007	Co-60	1.20E+00	3.40E+00	1.20E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L13364-02	12/12/2007	Cr-51	-1.40E+01	2.60E+01	9.40E+01
TM	SF	L13364-02	12/12/2007	Cs-134	-6.00E-01	2.70E+00	1.00E+01
TM	SF	L13364-02	12/12/2007	Cs-137	1.30E+00	2.90E+00	1.00E+01
TM	SF	L13364-02	12/12/2007	Fe-59	6.70E+00	6.20E+00	2.10E+01
TM	SF	L13364-02	12/12/2007	I-131	-5.20E-02	1.00E-02	6.80E-01
TM	SF	L13364-02	12/12/2007	K-40	1.52E+03	1.00E+02	1.50E+02 *
TM	SF	L13364-02	12/12/2007	La-140	6.80E+00	4.50E+00	1.50E+01
TM	SF	L13364-02	12/12/2007	Mn-54	1.40E+00	2.70E+00	9.60E+00
TM	SF	L13364-02	12/12/2007	Nb-95	8.50E+00	5.10E+00	1.70E+01
TM	SF	L13364-02	12/12/2007	Ru-103	-3.60E+00	2.90E+00	1.10E+01
TM	SF	L13364-02	12/12/2007	Ru-106	-3.50E+01	2.40E+01	9.20E+01
TM	SF	L13364-02	12/12/2007	Sb-124	-6.20E+00	4.90E+00	2.30E+01
TM	SF	L13364-02	12/12/2007	Sb-125	-6.20E+00	6.40E+00	2.40E+01
TM	SF	L13364-02	12/12/2007	Se-75	-2.30E+00	2.60E+00	9.50E+00
TM	SF	L13364-02	12/12/2007	Zn-65	3.00E+00	1.40E+01	4.70E+01
TM	SF	L13364-02	12/12/2007	Zr-95	7.10E+00	5.20E+00	1.70E+01
TM	LF	L13364-03	12/12/2007	AcTh-228	9.50E+00	7.50E+00	2.50E+01
TM	LF	L13364-03	12/12/2007	Ag-108m	1.10E+00	1.50E+00	5.00E+00
TM	LF	L13364-03	12/12/2007	Ag-110m	-7.00E-01	2.80E+00	1.00E+01
TM	LF	L13364-03	12/12/2007	Ba-140	-6.70E+00	3.00E+00	1.40E+01
TM	LF	L13364-03	12/12/2007	Be-7	2.00E+01	1.80E+01	5.90E+01
TM	LF	L13364-03	12/12/2007	Ce-141	1.90E+00	2.90E+00	9.70E+00
TM	LF	L13364-03	12/12/2007	Ce-144	-4.00E+00	1.00E+01	3.70E+01
TM	LF	L13364-03	12/12/2007	Co-57	2.00E-01	1.30E+00	4.60E+00
TM	LF	L13364-03	12/12/2007	Co-58	2.00E-01	2.00E+00	7.10E+00
TM	LF	L13364-03	12/12/2007	Co-60	0.00E+00	2.20E+00	8.30E+00
TM	LF	L13364-03	12/12/2007	Cr-51	2.90E+01	1.70E+01	5.60E+01
TM	LF	L13364-03	12/12/2007	Cs-134	2.60E+00	2.20E+00	7.40E+00
TM	LF	L13364-03	12/12/2007	Cs-137	-2.30E+00	2.20E+00	8.20E+00
TM	LF	L13364-03	12/12/2007	Fe-59	1.40E+00	4.80E+00	1.70E+01
TM	LF	L13364-03	12/12/2007	I-131	-1.10E-01	1.60E-02	8.70E-01
TM	LF	L13364-03	12/12/2007	K-40	1.38E+03	7.20E+01	9.70E+01 *
TM	LF	L13364-03	12/12/2007	La-140	-6.70E+00	3.00E+00	1.40E+01
TM	LF	L13364-03	12/12/2007	Mn-54	-7.00E-01	1.60E+00	6.20E+00
TM	LF	L13364-03	12/12/2007	Nb-95	-3.00E-01	2.10E+00	7.70E+00
TM	LF	L13364-03	12/12/2007	Ru-103	1.70E+00	1.80E+00	6.20E+00
TM	LF	L13364-03	12/12/2007	Ru-106	-1.90E+01	1.70E+01	6.40E+01
TM	LF	L13364-03	12/12/2007	Sb-124	-5.00E-01	3.20E+00	1.30E+01
TM	LF	L13364-03	12/12/2007	Sb-125	6.30E+00	4.90E+00	1.70E+01
TM	LF	L13364-03	12/12/2007	Se-75	-2.00E-01	2.20E+00	7.60E+00
TM	LF	L13364-03	12/12/2007	Zn-65	-4.60E+00	5.30E+00	2.00E+01
TM	LF	L13364-03	12/12/2007	Zr-95	3.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	SF	L13414-01	12/26/2007	AcTh-228	1.86E+01	7.70E+00	2.40E+01
TM	SF	L13414-01	12/26/2007	Ag-108m	-1.20E+00	1.50E+00	5.40E+00
TM	SF	L13414-01	12/26/2007	Ag-110m	4.20E+00	3.10E+00	1.00E+01
TM	SF	L13414-01	12/26/2007	Ba-140	5.30E+00	3.80E+00	1.30E+01
TM	SF	L13414-01	12/26/2007	Be-7	-8.00E+00	1.60E+01	5.80E+01
TM	SF	L13414-01	12/26/2007	Ce-141	2.10E+00	2.70E+00	9.20E+00
TM	SF	L13414-01	12/26/2007	Ce-144	7.00E-01	9.30E+00	3.20E+01
TM	SF	L13414-01	12/26/2007	Co-57	-9.00E-01	1.00E+00	3.60E+00
TM	SF	L13414-01	12/26/2007	Co-58	1.90E+00	2.10E+00	7.20E+00
TM	SF	L13414-01	12/26/2007	Co-60	4.00E-01	2.40E+00	8.70E+00
TM	SF	L13414-01	12/26/2007	Cr-51	1.50E+01	1.50E+01	5.00E+01
TM	SF	L13414-01	12/26/2007	Cs-134	-2.20E+00	2.30E+00	8.70E+00
TM	SF	L13414-01	12/26/2007	Cs-137	-5.00E-01	2.00E+00	7.30E+00
TM	SF	L13414-01	12/26/2007	Fe-59	-7.70E+00	4.90E+00	1.90E+01
TM	SF	L13414-01	12/26/2007	I-131	1.10E-01	1.80E-01	8.20E-01
TM	SF	L13414-01	12/26/2007	K-40	1.42E+03	8.10E+01	1.20E+02 *
TM	SF	L13414-01	12/26/2007	La-140	5.30E+00	3.80E+00	1.30E+01
TM	SF	L13414-01	12/26/2007	Mn-54	8.00E-01	2.00E+00	7.10E+00
TM	SF	L13414-01	12/26/2007	Nb-95	-1.20E+00	2.40E+00	8.90E+00
TM	SF	L13414-01	12/26/2007	Ru-103	-4.00E-01	2.00E+00	7.20E+00
TM	SF	L13414-01	12/26/2007	Ru-106	2.30E+01	1.50E+01	5.00E+01
TM	SF	L13414-01	12/26/2007	Sb-124	-5.30E+00	4.80E+00	2.10E+01
TM	SF	L13414-01	12/26/2007	Sb-125	3.20E+00	4.60E+00	1.90E+01
TM	SF	L13414-01	12/26/2007	Se-75	-6.00E-01	2.00E+00	6.90E+00
TM	SF	L13414-01	12/26/2007	Zn-65	-2.60E+00	5.00E+00	1.90E+01
TM	SF	L13414-01	12/26/2007	Zr-95	1.50E+00	3.90E+00	1.40E+01
TM	LF	L13414-02	12/26/2007	AcTh-228	1.20E+01	1.10E+01	3.60E+01
TM	LF	L13414-02	12/26/2007	Ag-108m	1.20E+00	2.00E+00	6.90E+00
TM	LF	L13414-02	12/26/2007	Ag-110m	-5.60E+00	4.10E+00	1.60E+01
TM	LF	L13414-02	12/26/2007	Ba-140	2.30E+00	3.70E+00	1.40E+01
TM	LF	L13414-02	12/26/2007	Be-7	2.00E+00	1.70E+01	6.30E+01
TM	LF	L13414-02	12/26/2007	Ce-141	-7.00E-01	3.40E+00	1.20E+01
TM	LF	L13414-02	12/26/2007	Ce-144	-5.00E+00	1.20E+01	4.20E+01
TM	LF	L13414-02	12/26/2007	Co-57	2.20E+00	1.50E+00	4.80E+00
TM	LF	L13414-02	12/26/2007	Co-58	-5.50E+00	2.70E+00	1.10E+01
TM	LF	L13414-02	12/26/2007	Co-60	-6.90E+00	3.00E+00	1.30E+01
TM	LF	L13414-02	12/26/2007	Cr-51	2.50E+01	2.40E+01	8.10E+01
TM	LF	L13414-02	12/26/2007	Cs-134	-2.00E-01	2.40E+00	9.30E+00
TM	LF	L13414-02	12/26/2007	Cs-137	-2.40E+00	2.50E+00	9.70E+00
TM	LF	L13414-02	12/26/2007	Fe-59	-3.00E+00	6.50E+00	2.50E+01
TM	LF	L13414-02	12/26/2007	I-131	1.00E-02	1.50E-01	8.50E-01
TM	LF	L13414-02	12/26/2007	K-40	1.46E+03	1.00E+02	1.40E+02 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TM	LF	L13414-02	12/26/2007	La-140	2.30E+00	3.70E+00	1.40E+01
TM	LF	L13414-02	12/26/2007	Mn-54	2.10E+00	2.80E+00	9.70E+00
TM	LF	L13414-02	12/26/2007	Nb-95	-1.70E+00	2.90E+00	1.10E+01
TM	LF	L13414-02	12/26/2007	Ru-103	-2.80E+00	2.70E+00	1.00E+01
TM	LF	L13414-02	12/26/2007	Ru-106	2.00E+01	2.30E+01	8.10E+01
TM	LF	L13414-02	12/26/2007	Sb-124	-8.10E+00	4.90E+00	2.40E+01
TM	LF	L13414-02	12/26/2007	Sb-125	-1.40E+00	6.30E+00	2.30E+01
TM	LF	L13414-02	12/26/2007	Se-75	-4.00E+00	2.70E+00	1.00E+01
TM	LF	L13414-02	12/26/2007	Zn-65	-7.00E+00	6.40E+00	2.50E+01
TM	LF	L13414-02	12/26/2007	Zr-95	-6.80E+00	4.80E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L11938-01	1/11/2007	AcTh-228	5.50E+00	6.20E+00	2.10E+01
WD	STJ	L11938-01	1/11/2007	Ag-108m	1.30E+00	1.00E+00	3.40E+00
WD	STJ	L11938-01	1/11/2007	Ag-110m	5.00E-01	1.70E+00	6.10E+00
WD	STJ	L11938-01	1/11/2007	Ba-140	-2.20E+00	2.70E+00	1.00E+01
WD	STJ	L11938-01	1/11/2007	Be-7	-1.00E+00	1.10E+01	3.90E+01
WD	STJ	L11938-01	1/11/2007	Ce-141	4.00E+00	2.00E+00	6.40E+00
WD	STJ	L11938-01	1/11/2007	Ce-144	3.70E+00	6.80E+00	2.30E+01
WD	STJ	L11938-01	1/11/2007	Co-57	5.80E-01	8.40E-01	2.80E+00
WD	STJ	L11938-01	1/11/2007	Co-58	-8.00E-01	1.20E+00	4.60E+00
WD	STJ	L11938-01	1/11/2007	Co-60	1.10E+00	1.50E+00	5.20E+00
WD	STJ	L11938-01	1/11/2007	Cr-51	0.00E+00	1.20E+01	4.30E+01
WD	STJ	L11938-01	1/11/2007	Cs-134	-1.50E+00	1.20E+00	4.70E+00
WD	STJ	L11938-01	1/11/2007	Cs-137	1.30E+00	1.30E+00	4.20E+00
WD	STJ	L11938-01	1/11/2007	Fe-59	1.90E+00	2.50E+00	8.60E+00
WD	STJ	L11938-01	1/11/2007	GROSS BETA	3.50E+00	1.10E+00	3.10E+00 *
WD	STJ	L11938-01	1/11/2007	I-131	9.00E-02	1.10E-01	4.50E-01
WD	STJ	L11938-01	1/11/2007	K-40	9.00E+00	1.90E+01	6.50E+01
WD	STJ	L11938-01	1/11/2007	La-140	-2.50E+00	3.10E+00	1.20E+01
WD	STJ	L11938-01	1/11/2007	Mn-54	-2.00E-01	1.30E+00	4.50E+00
WD	STJ	L11938-01	1/11/2007	Nb-95	-5.00E-01	1.50E+00	5.40E+00
WD	STJ	L11938-01	1/11/2007	Ru-103	-2.00E-01	1.40E+00	4.80E+00
WD	STJ	L11938-01	1/11/2007	Ru-106	-7.00E+00	1.20E+01	4.30E+01
WD	STJ	L11938-01	1/11/2007	Sb-124	6.00E+00	3.40E+00	1.10E+01
WD	STJ	L11938-01	1/11/2007	Sb-125	2.70E+00	3.10E+00	1.10E+01
WD	STJ	L11938-01	1/11/2007	Se-75	-7.00E-01	1.60E+00	5.50E+00
WD	STJ	L11938-01	1/11/2007	Zn-65	9.00E-01	2.80E+00	9.90E+00
WD	STJ	L11938-01	1/11/2007	Zr-95	-7.00E-01	2.20E+00	8.00E+00
WD	LTW	L11938-02	1/11/2007	AcTh-228	4.50E+00	5.10E+00	1.70E+01
WD	LTW	L11938-02	1/11/2007	Ag-108m	3.00E-01	1.20E+00	4.00E+00
WD	LTW	L11938-02	1/11/2007	Ag-110m	-3.40E+00	1.80E+00	7.10E+00
WD	LTW	L11938-02	1/11/2007	Ba-140	1.00E+00	3.40E+00	1.20E+01
WD	LTW	L11938-02	1/11/2007	Be-7	4.00E+00	1.20E+01	4.20E+01
WD	LTW	L11938-02	1/11/2007	Ce-141	1.60E+00	2.10E+00	7.20E+00
WD	LTW	L11938-02	1/11/2007	Ce-144	7.40E+00	6.00E+00	2.00E+01
WD	LTW	L11938-02	1/11/2007	Co-57	-2.70E-01	7.00E-01	2.40E+00
WD	LTW	L11938-02	1/11/2007	Co-58	1.00E-01	1.50E+00	5.20E+00
WD	LTW	L11938-02	1/11/2007	Co-60	1.80E+00	1.60E+00	5.40E+00
WD	LTW	L11938-02	1/11/2007	Cr-51	7.00E+00	1.20E+01	4.00E+01
WD	LTW	L11938-02	1/11/2007	Cs-134	1.00E-01	1.40E+00	5.10E+00
WD	LTW	L11938-02	1/11/2007	Cs-137	-8.00E-01	1.30E+00	4.80E+00
WD	LTW	L11938-02	1/11/2007	Fe-59	4.10E+00	3.00E+00	1.00E+01
WD	LTW	L11938-02	1/11/2007	GROSS BETA	4.00E+00	1.00E+00	2.90E+00 *

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L11938-02	1/11/2007	I-131	2.10E-01	1.80E-01	6.40E-01
WD	LTW	L11938-02	1/11/2007	K-40	2.30E+01	2.40E+01	8.10E+01
WD	LTW	L11938-02	1/11/2007	La-140	1.10E+00	3.90E+00	1.40E+01
WD	LTW	L11938-02	1/11/2007	Mn-54	2.00E-01	1.30E+00	4.60E+00
WD	LTW	L11938-02	1/11/2007	Nb-95	1.30E+00	1.90E+00	6.40E+00
WD	LTW	L11938-02	1/11/2007	Ru-103	-3.90E+00	1.50E+00	5.80E+00
WD	LTW	L11938-02	1/11/2007	Ru-106	2.00E+00	1.30E+01	4.50E+01
WD	LTW	L11938-02	1/11/2007	Sb-124	2.70E+00	4.10E+00	1.50E+01
WD	LTW	L11938-02	1/11/2007	Sb-125	7.80E+00	3.50E+00	1.10E+01
WD	LTW	L11938-02	1/11/2007	Se-75	-2.80E+00	1.50E+00	5.50E+00
WD	LTW	L11938-02	1/11/2007	Zn-65	-1.60E+00	3.40E+00	1.30E+01
WD	LTW	L11938-02	1/11/2007	Zr-95	-2.30E+00	2.60E+00	9.60E+00
WD	STJ	L11984-01	1/25/2007	AcTh-228	3.50E+00	4.70E+00	1.60E+01
WD	STJ	L11984-01	1/25/2007	Ag-108m	0.00E+00	1.20E+00	4.50E+00
WD	STJ	L11984-01	1/25/2007	Ag-110m	-6.00E-01	1.40E+00	5.70E+00
WD	STJ	L11984-01	1/25/2007	Ba-140	-4.00E-01	2.20E+00	8.80E+00
WD	STJ	L11984-01	1/25/2007	Be-7	1.00E+01	1.00E+01	3.60E+01
WD	STJ	L11984-01	1/25/2007	Ce-141	1.40E+00	2.70E+00	9.20E+00
WD	STJ	L11984-01	1/25/2007	Ce-144	7.70E+00	8.50E+00	2.90E+01
WD	STJ	L11984-01	1/25/2007	Co-57	-8.00E-01	1.10E+00	4.00E+00
WD	STJ	L11984-01	1/25/2007	Co-58	-1.10E+00	1.30E+00	5.30E+00
WD	STJ	L11984-01	1/25/2007	Co-60	8.50E-01	9.40E-01	3.40E+00
WD	STJ	L11984-01	1/25/2007	Cr-51	-1.20E+01	1.30E+01	5.00E+01
WD	STJ	L11984-01	1/25/2007	Cs-134	-9.00E-01	1.20E+00	5.00E+00
WD	STJ	L11984-01	1/25/2007	Cs-137	-1.80E+00	1.40E+00	5.50E+00
WD	STJ	L11984-01	1/25/2007	Fe-59	-5.30E+00	2.80E+00	1.20E+01
WD	STJ	L11984-01	1/25/2007	GROSS BETA	4.60E+00	1.10E+00	3.20E+00
WD	STJ	L11984-01	1/25/2007	I-131	1.60E-01	2.10E-01	8.40E-01
WD	STJ	L11984-01	1/25/2007	K-40	-3.00E+01	1.70E+01	7.10E+01
WD	STJ	L11984-01	1/25/2007	La-140	-4.00E-01	2.50E+00	1.00E+01
WD	STJ	L11984-01	1/25/2007	Mn-54	-6.30E-01	8.70E-01	3.70E+00
WD	STJ	L11984-01	1/25/2007	Nb-95	1.00E+00	1.10E+00	4.10E+00
WD	STJ	L11984-01	1/25/2007	Ru-103	-1.00E+00	1.20E+00	4.70E+00
WD	STJ	L11984-01	1/25/2007	Ru-106	2.10E+01	1.20E+01	3.70E+01
WD	STJ	L11984-01	1/25/2007	Sb-124	1.10E+00	3.00E+00	1.20E+01
WD	STJ	L11984-01	1/25/2007	Sb-125	-3.80E+00	3.40E+00	1.30E+01
WD	STJ	L11984-01	1/25/2007	Se-75	1.90E+00	1.40E+00	4.60E+00
WD	STJ	L11984-01	1/25/2007	Zn-65	-3.40E+00	2.60E+00	1.10E+01
WD	STJ	L11984-01	1/25/2007	Zr-95	-2.40E+00	1.90E+00	8.10E+00
WD	LTW	L11984-02	1/25/2007	AcTh-228	6.00E-01	3.70E+00	1.30E+01
WD	LTW	L11984-02	1/25/2007	Ag-108m	-4.40E-01	9.00E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L11984-02	1/25/2007	Ag-110m	1.90E+00	1.20E+00	4.00E+00
WD	LTW	L11984-02	1/25/2007	Ba-140	3.00E-01	1.70E+00	6.40E+00
WD	LTW	L11984-02	1/25/2007	Be-7	1.71E+01	9.60E+00	3.10E+01
WD	LTW	L11984-02	1/25/2007	Ce-141	9.00E-01	2.00E+00	6.80E+00
WD	LTW	L11984-02	1/25/2007	Ce-144	-2.60E+00	6.50E+00	2.30E+01
WD	LTW	L11984-02	1/25/2007	Co-57	-5.00E-01	9.60E-01	3.30E+00
WD	LTW	L11984-02	1/25/2007	Co-58	-9.90E-01	9.90E-01	3.90E+00
WD	LTW	L11984-02	1/25/2007	Co-60	5.00E-01	1.10E+00	3.90E+00
WD	LTW	L11984-02	1/25/2007	Cr-51	-1.10E+01	1.10E+01	4.10E+01
WD	LTW	L11984-02	1/25/2007	Cs-134	1.50E-01	9.60E-01	3.50E+00
WD	LTW	L11984-02	1/25/2007	Cs-137	4.00E-01	1.10E+00	4.00E+00
WD	LTW	L11984-02	1/25/2007	Fe-59	1.40E+00	2.00E+00	6.90E+00
WD	LTW	L11984-02	1/25/2007	GROSS BETA	2.60E+00	1.00E+00	3.10E+00
WD	LTW	L11984-02	1/25/2007	I-131	-1.25E-01	2.00E-02	7.50E-01
WD	LTW	L11984-02	1/25/2007	K-40	-1.50E+01	1.40E+01	5.20E+01
WD	LTW	L11984-02	1/25/2007	La-140	4.00E-01	1.90E+00	7.30E+00
WD	LTW	L11984-02	1/25/2007	Mn-54	-1.18E+00	8.00E-01	3.30E+00
WD	LTW	L11984-02	1/25/2007	Nb-95	-1.20E+00	1.20E+00	4.50E+00
WD	LTW	L11984-02	1/25/2007	Ru-103	-2.30E+00	1.20E+00	4.60E+00
WD	LTW	L11984-02	1/25/2007	Ru-106	-6.50E+00	9.10E+00	3.40E+01
WD	LTW	L11984-02	1/25/2007	Sb-124	0.00E+00	2.40E+00	9.40E+00
WD	LTW	L11984-02	1/25/2007	Sb-125	-3.90E+00	2.40E+00	9.40E+00
WD	LTW	L11984-02	1/25/2007	Se-75	-1.90E+00	1.30E+00	4.70E+00
WD	LTW	L11984-02	1/25/2007	Zn-65	2.50E+00	2.30E+00	7.70E+00
WD	LTW	L11984-02	1/25/2007	Zr-95	3.40E+00	1.60E+00	5.10E+00
WD	STJ	L12035-01	2/8/2007	AcTh-228	-3.40E+00	2.30E+00	8.50E+00
WD	STJ	L12035-01	2/8/2007	Ag-108m	-9.00E-01	6.00E-01	2.20E+00
WD	STJ	L12035-01	2/8/2007	Ag-110m	0.00E+00	7.50E-01	2.70E+00
WD	STJ	L12035-01	2/8/2007	Ba-140	1.20E+00	1.70E+00	5.80E+00
WD	STJ	L12035-01	2/8/2007	Be-7	5.00E+00	5.80E+00	1.90E+01
WD	STJ	L12035-01	2/8/2007	Ce-141	3.40E+00	1.40E+00	4.60E+00
WD	STJ	L12035-01	2/8/2007	Ce-144	3.80E+00	4.60E+00	1.50E+01
WD	STJ	L12035-01	2/8/2007	Co-57	4.00E-02	5.10E-01	1.70E+00
WD	STJ	L12035-01	2/8/2007	Co-58	-6.00E-02	6.10E-01	2.20E+00
WD	STJ	L12035-01	2/8/2007	Co-60	0.00E+00	6.60E-01	2.40E+00
WD	STJ	L12035-01	2/8/2007	Cr-51	-1.30E+00	7.80E+00	2.70E+01
WD	STJ	L12035-01	2/8/2007	Cs-134	-9.30E-01	6.70E-01	2.50E+00
WD	STJ	L12035-01	2/8/2007	Cs-137	6.00E-01	5.70E-01	1.90E+00
WD	STJ	L12035-01	2/8/2007	Fe-59	-1.30E+00	1.60E+00	5.80E+00
WD	STJ	L12035-01	2/8/2007	GROSS BETA	3.20E+00	1.10E+00	3.20E+00
WD	STJ	L12035-01	2/8/2007	I-131	-9.00E-02	1.10E-01	7.70E-01
WD	STJ	L12035-01	2/8/2007	K-40	1.41E+01	9.60E+00	3.20E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12035-01	2/8/2007	La-140	1.30E+00	1.90E+00	6.70E+00
WD	STJ	L12035-01	2/8/2007	Mn-54	-7.80E-01	5.70E-01	2.10E+00
WD	STJ	L12035-01	2/8/2007	Nb-95	3.40E-01	7.80E-01	2.70E+00
WD	STJ	L12035-01	2/8/2007	Ru-103	-1.43E+00	8.90E-01	3.20E+00
WD	STJ	L12035-01	2/8/2007	Ru-106	2.50E+00	5.60E+00	1.90E+01
WD	STJ	L12035-01	2/8/2007	Sb-124	-6.00E-01	1.60E+00	5.80E+00
WD	STJ	L12035-01	2/8/2007	Sb-125	1.80E+00	1.60E+00	5.40E+00
WD	STJ	L12035-01	2/8/2007	Se-75	1.86E+00	8.90E-01	2.90E+00
WD	STJ	L12035-01	2/8/2007	Zn-65	-8.00E-01	1.30E+00	4.80E+00
WD	STJ	L12035-01	2/8/2007	Zr-95	-1.50E+00	1.20E+00	4.50E+00
WD	LTW	L12035-02	2/8/2007	Ag-108m	-1.43E+00	7.00E-01	2.70E+00
WD	LTW	L12035-02	2/8/2007	Ag-110m	2.00E-01	1.20E+00	4.30E+00
WD	LTW	L12035-02	2/8/2007	Ba-140	-4.20E+00	2.70E+00	1.10E+01
WD	LTW	L12035-02	2/8/2007	Be-7	-2.20E+00	8.20E+00	2.90E+01
WD	LTW	L12035-02	2/8/2007	Ce-141	-1.10E+00	1.70E+00	6.00E+00
WD	LTW	L12035-02	2/8/2007	Ce-144	3.20E+00	5.10E+00	1.70E+01
WD	LTW	L12035-02	2/8/2007	Co-57	-5.10E-01	6.60E-01	2.30E+00
WD	LTW	L12035-02	2/8/2007	Co-58	1.13E+00	9.80E-01	3.30E+00
WD	LTW	L12035-02	2/8/2007	Co-60	-8.00E-01	1.10E+00	4.20E+00
WD	LTW	L12035-02	2/8/2007	Cr-51	0.00E+00	8.60E+00	3.00E+01
WD	LTW	L12035-02	2/8/2007	Cs-134	-5.00E-01	7.70E-01	3.00E+00
WD	LTW	L12035-02	2/8/2007	Cs-137	-4.70E-01	7.40E-01	2.80E+00
WD	LTW	L12035-02	2/8/2007	Fe-59	-2.30E+00	2.50E+00	9.50E+00
WD	LTW	L12035-02	2/8/2007	GROSS BETA	3.80E+00	1.10E+00	3.10E+00 *
WD	LTW	L12035-02	2/8/2007	I-131	1.30E-01	1.90E-01	7.90E-01
WD	LTW	L12035-02	2/8/2007	K-40	2.00E+00	1.30E+01	4.70E+01
WD	LTW	L12035-02	2/8/2007	La-140	-4.90E+00	3.20E+00	1.30E+01
WD	LTW	L12035-02	2/8/2007	Mn-54	4.00E-01	9.00E-01	3.20E+00
WD	LTW	L12035-02	2/8/2007	Nb-95	1.30E+00	1.20E+00	4.10E+00
WD	LTW	L12035-02	2/8/2007	Ru-103	0.00E+00	1.10E+00	3.80E+00
WD	LTW	L12035-02	2/8/2007	Ru-106	-1.20E+01	7.80E+00	3.00E+01
WD	LTW	L12035-02	2/8/2007	Sb-124	-1.80E+00	2.80E+00	1.10E+01
WD	LTW	L12035-02	2/8/2007	Sb-125	8.00E-01	2.10E+00	7.30E+00
WD	LTW	L12035-02	2/8/2007	Se-75	4.00E-01	1.00E+00	3.60E+00
WD	LTW	L12035-02	2/8/2007	Zn-65	3.00E-01	1.80E+00	6.70E+00
WD	LTW	L12035-02	2/8/2007	Zr-95	-1.60E+00	1.70E+00	6.30E+00
WD	STJ	L12085-01	2/22/2007	AcTh-228	5.90E+00	5.10E+00	1.90E+01
WD	STJ	L12085-01	2/22/2007	Ag-108m	6.00E-01	1.50E+00	5.20E+00
WD	STJ	L12085-01	2/22/2007	Ag-110m	-2.60E+00	2.10E+00	8.30E+00
WD	STJ	L12085-01	2/22/2007	Ba-140	-2.80E+00	2.90E+00	1.20E+01
WD	STJ	L12085-01	2/22/2007	Be-7	-2.30E+01	1.70E+01	6.20E+01
WD	STJ	L12085-01	2/22/2007	Ce-141	2.10E+00	3.10E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12085-01	2/22/2007	Ce-144	2.10E+01	1.10E+01	3.50E+01
WD	STJ	L12085-01	2/22/2007	Co-57	1.70E+00	1.10E+00	3.80E+00
WD	STJ	L12085-01	2/22/2007	Co-58	1.50E+00	1.70E+00	5.90E+00
WD	STJ	L12085-01	2/22/2007	Co-60	-1.80E+00	1.60E+00	6.50E+00
WD	STJ	L12085-01	2/22/2007	Cr-51	-6.00E+00	1.60E+01	5.70E+01
WD	STJ	L12085-01	2/22/2007	Cs-134	1.10E+00	1.80E+00	6.30E+00
WD	STJ	L12085-01	2/22/2007	Cs-137	-3.00E+00	1.70E+00	6.50E+00
WD	STJ	L12085-01	2/22/2007	Fe-59	-7.10E+00	4.00E+00	1.60E+01
WD	STJ	L12085-01	2/22/2007	GROSS BETA	2.00E+00	1.00E+00	3.20E+00
WD	STJ	L12085-01	2/22/2007	I-131	-1.26E-01	2.30E-02	7.20E-01
WD	STJ	L12085-01	2/22/2007	K-40	2.60E+01	2.50E+01	8.40E+01
WD	STJ	L12085-01	2/22/2007	La-140	-3.20E+00	3.30E+00	1.40E+01
WD	STJ	L12085-01	2/22/2007	Mn-54	-8.00E-01	1.60E+00	6.10E+00
WD	STJ	L12085-01	2/22/2007	Nb-95	0.00E+00	2.10E+00	7.40E+00
WD	STJ	L12085-01	2/22/2007	Ru-103	6.00E-01	1.80E+00	6.40E+00
WD	STJ	L12085-01	2/22/2007	Ru-106	2.00E+01	1.60E+01	5.50E+01
WD	STJ	L12085-01	2/22/2007	Sb-124	-1.50E+00	3.40E+00	1.40E+01
WD	STJ	L12085-01	2/22/2007	Sb-125	2.50E+00	4.00E+00	1.40E+01
WD	STJ	L12085-01	2/22/2007	Se-75	2.50E+00	2.10E+00	7.10E+00
WD	STJ	L12085-01	2/22/2007	Zn-65	-8.80E+00	4.30E+00	1.70E+01
WD	STJ	L12085-01	2/22/2007	Zr-95	-4.10E+00	3.10E+00	1.20E+01
WD	LTW	L12085-02	2/22/2007	AcTh-228	-5.60E+00	5.00E+00	1.80E+01
WD	LTW	L12085-02	2/22/2007	Ag-108m	1.13E+00	9.40E-01	3.10E+00
WD	LTW	L12085-02	2/22/2007	Ag-110m	-1.10E+00	1.40E+00	5.40E+00
WD	LTW	L12085-02	2/22/2007	Ba-140	-3.90E+00	2.50E+00	1.00E+01
WD	LTW	L12085-02	2/22/2007	Be-7	-1.00E+00	1.10E+01	3.80E+01
WD	LTW	L12085-02	2/22/2007	Ce-141	4.00E-01	1.70E+00	5.70E+00
WD	LTW	L12085-02	2/22/2007	Ce-144	4.30E+00	6.00E+00	2.00E+01
WD	LTW	L12085-02	2/22/2007	Co-57	5.90E-01	7.70E-01	2.60E+00
WD	LTW	L12085-02	2/22/2007	Co-58	-2.60E+00	1.40E+00	5.10E+00
WD	LTW	L12085-02	2/22/2007	Co-60	-1.40E+00	1.70E+00	6.10E+00
WD	LTW	L12085-02	2/22/2007	Cr-51	-7.00E+00	1.00E+01	3.60E+01
WD	LTW	L12085-02	2/22/2007	Cs-134	5.00E-01	1.30E+00	4.60E+00
WD	LTW	L12085-02	2/22/2007	Cs-137	0.00E+00	1.20E+00	4.10E+00
WD	LTW	L12085-02	2/22/2007	Fe-59	-6.00E-01	2.60E+00	9.50E+00
WD	LTW	L12085-02	2/22/2007	GROSS BETA	7.10E+00	1.20E+00	3.10E+00 *
WD	LTW	L12085-02	2/22/2007	I-131	2.40E-01	2.00E-01	6.70E-01
WD	LTW	L12085-02	2/22/2007	K-40	-8.00E+00	1.90E+01	6.70E+01
WD	LTW	L12085-02	2/22/2007	La-140	-4.50E+00	2.90E+00	1.20E+01
WD	LTW	L12085-02	2/22/2007	Mn-54	-3.00E-01	1.20E+00	4.20E+00
WD	LTW	L12085-02	2/22/2007	Nb-95	-7.00E-01	1.60E+00	5.60E+00
WD	LTW	L12085-02	2/22/2007	Ru-103	-3.20E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12085-02	2/22/2007	Ru-106	-3.00E+00	1.10E+01	3.70E+01
WD	LTW	L12085-02	2/22/2007	Sb-124	0.00E+00	3.50E+00	1.30E+01
WD	LTW	L12085-02	2/22/2007	Sb-125	3.10E+00	2.90E+00	9.70E+00
WD	LTW	L12085-02	2/22/2007	Se-75	-5.00E-01	1.30E+00	4.40E+00
WD	LTW	L12085-02	2/22/2007	Zn-65	-4.00E+00	2.70E+00	1.00E+01
WD	LTW	L12085-02	2/22/2007	Zr-95	-4.00E-01	2.20E+00	7.90E+00
WD	STJ	L12149-01	3/8/2007	AcTh-228	-5.70E+00	5.90E+00	2.30E+01
WD	STJ	L12149-01	3/8/2007	Ag-108m	1.20E+00	1.60E+00	5.50E+00
WD	STJ	L12149-01	3/8/2007	Ag-110m	-1.10E+00	2.10E+00	7.80E+00
WD	STJ	L12149-01	3/8/2007	Ba-140	-1.10E+00	2.70E+00	1.10E+01
WD	STJ	L12149-01	3/8/2007	Be-7	1.00E+01	1.60E+01	5.40E+01
WD	STJ	L12149-01	3/8/2007	Ce-141	8.10E+00	2.80E+00	9.00E+00
WD	STJ	L12149-01	3/8/2007	Ce-144	-1.30E+00	8.40E+00	2.90E+01
WD	STJ	L12149-01	3/8/2007	Co-57	4.00E-01	1.10E+00	3.80E+00
WD	STJ	L12149-01	3/8/2007	Co-58	-1.40E+00	1.60E+00	6.10E+00
WD	STJ	L12149-01	3/8/2007	Co-60	1.00E+00	1.60E+00	5.60E+00
WD	STJ	L12149-01	3/8/2007	Cr-51	-8.00E+00	1.70E+01	6.00E+01
WD	STJ	L12149-01	3/8/2007	Cs-134	1.60E+00	1.70E+00	5.90E+00
WD	STJ	L12149-01	3/8/2007	Cs-137	3.00E-01	1.40E+00	5.20E+00
WD	STJ	L12149-01	3/8/2007	Fe-59	2.10E+00	3.60E+00	1.30E+01
WD	STJ	L12149-01	3/8/2007	GROSS BETA	3.90E+00	1.10E+00	3.20E+00 *
WD	STJ	L12149-01	3/8/2007	I-131	-8.20E-02	1.50E-02	8.70E-01
WD	STJ	L12149-01	3/8/2007	K-40	-1.10E+01	2.10E+01	7.80E+01
WD	STJ	L12149-01	3/8/2007	La-140	-1.20E+00	3.10E+00	1.20E+01
WD	STJ	L12149-01	3/8/2007	Mn-54	-6.00E-01	1.80E+00	6.50E+00
WD	STJ	L12149-01	3/8/2007	Nb-95	4.20E+00	1.90E+00	6.10E+00
WD	STJ	L12149-01	3/8/2007	Ru-103	-3.50E+00	2.00E+00	7.60E+00
WD	STJ	L12149-01	3/8/2007	Ru-106	-2.00E+00	1.50E+01	5.40E+01
WD	STJ	L12149-01	3/8/2007	Sb-124	2.20E+00	4.00E+00	1.50E+01
WD	STJ	L12149-01	3/8/2007	Sb-125	5.10E+00	4.10E+00	1.40E+01
WD	STJ	L12149-01	3/8/2007	Se-75	1.00E+00	2.10E+00	7.20E+00
WD	STJ	L12149-01	3/8/2007	Zn-65	-2.70E+00	3.80E+00	1.40E+01
WD	STJ	L12149-01	3/8/2007	Zr-95	-1.80E+00	2.60E+00	9.90E+00
WD	LTW	L12149-02	3/8/2007	AcTh-228	4.90E+00	6.10E+00	2.10E+01
WD	LTW	L12149-02	3/8/2007	Ag-108m	-1.00E-01	1.20E+00	4.40E+00
WD	LTW	L12149-02	3/8/2007	Ag-110m	-3.60E+00	2.00E+00	8.10E+00
WD	LTW	L12149-02	3/8/2007	Ba-140	7.00E+00	3.20E+00	9.70E+00
WD	LTW	L12149-02	3/8/2007	Be-7	2.10E+01	1.30E+01	4.40E+01
WD	LTW	L12149-02	3/8/2007	Ce-141	1.20E+00	2.90E+00	1.00E+01
WD	LTW	L12149-02	3/8/2007	Ce-144	9.90E+00	8.80E+00	2.90E+01
WD	LTW	L12149-02	3/8/2007	Co-57	1.00E+00	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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12149-02	3/8/2007	Co-58	1.50E+00	1.40E+00	4.70E+00
WD	LTW	L12149-02	3/8/2007	Co-60	-1.50E+00	1.90E+00	7.30E+00
WD	LTW	L12149-02	3/8/2007	Cr-51	-1.30E+01	1.50E+01	5.60E+01
WD	LTW	L12149-02	3/8/2007	Cs-134	6.00E-01	1.70E+00	6.00E+00
WD	LTW	L12149-02	3/8/2007	Cs-137	-5.00E-01	1.30E+00	5.00E+00
WD	LTW	L12149-02	3/8/2007	Fe-59	1.40E+00	3.50E+00	1.20E+01
WD	LTW	L12149-02	3/8/2007	GROSS BETA	2.19E+00	9.90E-01	3.10E+00
WD	LTW	L12149-02	3/8/2007	I-131	-8.60E-02	1.60E-02	8.20E-01
WD	LTW	L12149-02	3/8/2007	K-40	-2.10E+01	1.80E+01	7.10E+01
WD	LTW	L12149-02	3/8/2007	La-140	8.00E+00	3.60E+00	1.10E+01
WD	LTW	L12149-02	3/8/2007	Mn-54	4.00E-01	1.60E+00	5.80E+00
WD	LTW	L12149-02	3/8/2007	Nb-95	-3.80E+00	1.90E+00	7.60E+00
WD	LTW	L12149-02	3/8/2007	Ru-103	-3.00E-01	1.80E+00	6.30E+00
WD	LTW	L12149-02	3/8/2007	Ru-106	-3.00E+00	1.40E+01	4.90E+01
WD	LTW	L12149-02	3/8/2007	Sb-124	0.00E+00	3.90E+00	1.50E+01
WD	LTW	L12149-02	3/8/2007	Sb-125	1.80E+00	4.20E+00	1.50E+01
WD	LTW	L12149-02	3/8/2007	Se-75	2.50E+00	1.80E+00	5.80E+00
WD	LTW	L12149-02	3/8/2007	Zn-65	-6.60E+00	3.90E+00	1.50E+01
WD	LTW	L12149-02	3/8/2007	Zr-95	-5.60E+00	2.90E+00	1.10E+01
WD	STJ	L12220-01	3/22/2007	Ag-108m	9.50E-01	9.70E-01	3.40E+00
WD	STJ	L12220-01	3/22/2007	Ag-110m	2.20E+00	1.70E+00	5.70E+00
WD	STJ	L12220-01	3/22/2007	Ba-140	7.00E+00	3.00E+00	8.30E+00
WD	STJ	L12220-01	3/22/2007	Be-7	1.00E+01	1.10E+01	3.70E+01
WD	STJ	L12220-01	3/22/2007	Ce-141	-5.20E+00	2.40E+00	9.00E+00
WD	STJ	L12220-01	3/22/2007	Ce-144	5.30E+00	7.90E+00	2.70E+01
WD	STJ	L12220-01	3/22/2007	Co-57	1.00E-01	1.00E+00	3.60E+00
WD	STJ	L12220-01	3/22/2007	Co-58	2.80E+00	1.40E+00	4.50E+00
WD	STJ	L12220-01	3/22/2007	Co-60	1.60E+00	1.40E+00	5.00E+00
WD	STJ	L12220-01	3/22/2007	Cr-51	-3.00E+01	1.60E+01	6.00E+01
WD	STJ	L12220-01	3/22/2007	Cs-134	-1.70E+00	1.30E+00	5.50E+00
WD	STJ	L12220-01	3/22/2007	Cs-137	1.00E+00	1.30E+00	4.70E+00
WD	STJ	L12220-01	3/22/2007	Fe-59	-4.60E+00	3.60E+00	1.50E+01
WD	STJ	L12220-01	3/22/2007	GROSS BETA	3.10E+00	1.00E+00	3.10E+00
WD	STJ	L12220-01	3/22/2007	I-131	-3.20E-01	1.30E-01	8.40E-01
WD	STJ	L12220-01	3/22/2007	K-40	-1.20E+01	2.10E+01	8.10E+01
WD	STJ	L12220-01	3/22/2007	La-140	8.00E+00	3.50E+00	9.60E+00
WD	STJ	L12220-01	3/22/2007	Mn-54	2.00E-01	1.30E+00	4.90E+00
WD	STJ	L12220-01	3/22/2007	Nb-95	1.70E+00	1.50E+00	5.30E+00
WD	STJ	L12220-01	3/22/2007	Ru-103	7.00E-01	1.70E+00	6.10E+00
WD	STJ	L12220-01	3/22/2007	Ru-106	-8.00E+00	1.30E+01	4.90E+01
WD	STJ	L12220-01	3/22/2007	Sb-124	0.00E+00	2.90E+00	1.20E+01
WD	STJ	L12220-01	3/22/2007	Sb-125	4.30E+00	3.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12220-01	3/22/2007	Se-75	1.00E-01	1.60E+00	5.60E+00
WD	STJ	L12220-01	3/22/2007	Zn-65	-1.90E+00	2.70E+00	1.10E+01
WD	STJ	L12220-01	3/22/2007	Zr-95	5.00E-01	2.50E+00	9.40E+00
WD	LTW	L12220-02	3/22/2007	AcTh-228	4.70E+00	5.80E+00	2.10E+01
WD	LTW	L12220-02	3/22/2007	Ag-108m	-3.00E-01	1.20E+00	4.30E+00
WD	LTW	L12220-02	3/22/2007	Ag-110m	6.00E-01	1.90E+00	7.10E+00
WD	LTW	L12220-02	3/22/2007	Ba-140	-8.00E-01	3.00E+00	1.30E+01
WD	LTW	L12220-02	3/22/2007	Be-7	1.10E+01	1.20E+01	4.30E+01
WD	LTW	L12220-02	3/22/2007	Ce-141	1.00E-01	2.50E+00	8.60E+00
WD	LTW	L12220-02	3/22/2007	Ce-144	-2.70E+00	7.80E+00	2.80E+01
WD	LTW	L12220-02	3/22/2007	Co-57	1.50E+00	1.10E+00	3.50E+00
WD	LTW	L12220-02	3/22/2007	Co-58	-1.40E+00	1.40E+00	6.00E+00
WD	LTW	L12220-02	3/22/2007	Co-60	-4.00E-01	1.50E+00	6.10E+00
WD	LTW	L12220-02	3/22/2007	Cr-51	1.20E+01	1.30E+01	4.50E+01
WD	LTW	L12220-02	3/22/2007	Cs-134	1.00E-01	1.40E+00	5.40E+00
WD	LTW	L12220-02	3/22/2007	Cs-137	1.20E+00	1.30E+00	4.50E+00
WD	LTW	L12220-02	3/22/2007	Fe-59	-7.00E-01	3.70E+00	1.40E+01
WD	LTW	L12220-02	3/22/2007	GROSS BETA	7.80E+00	1.30E+00	3.20E+00 *
WD	LTW	L12220-02	3/22/2007	I-131	-3.00E-02	2.10E-01	9.10E-01
WD	LTW	L12220-02	3/22/2007	K-40	-9.00E+00	2.10E+01	8.20E+01
WD	LTW	L12220-02	3/22/2007	La-140	-1.00E+00	3.50E+00	1.40E+01
WD	LTW	L12220-02	3/22/2007	Mn-54	-9.00E-01	1.50E+00	6.10E+00
WD	LTW	L12220-02	3/22/2007	Nb-95	-1.20E+00	1.70E+00	6.70E+00
WD	LTW	L12220-02	3/22/2007	Ru-103	-9.00E-01	1.40E+00	5.40E+00
WD	LTW	L12220-02	3/22/2007	Ru-106	-2.00E+00	1.20E+01	4.60E+01
WD	LTW	L12220-02	3/22/2007	Sb-124	-2.20E+00	3.10E+00	1.50E+01
WD	LTW	L12220-02	3/22/2007	Sb-125	-2.50E+00	3.40E+00	1.30E+01
WD	LTW	L12220-02	3/22/2007	Se-75	-1.40E+00	1.50E+00	5.60E+00
WD	LTW	L12220-02	3/22/2007	Zn-65	1.30E+00	2.70E+00	1.00E+01
WD	LTW	L12220-02	3/22/2007	Zr-95	1.00E-01	2.60E+00	9.90E+00
WD	STJ	L12272-01	4/5/2007	AcTh-228	3.00E-01	6.10E+00	2.10E+01
WD	STJ	L12272-01	4/5/2007	Ag-108m	-1.60E+00	1.10E+00	4.10E+00
WD	STJ	L12272-01	4/5/2007	Ag-110m	1.90E+00	2.00E+00	6.60E+00
WD	STJ	L12272-01	4/5/2007	Ba-140	1.00E-01	2.70E+00	1.00E+01
WD	STJ	L12272-01	4/5/2007	Be-7	1.00E+00	1.20E+01	4.30E+01
WD	STJ	L12272-01	4/5/2007	Ce-141	-1.60E+00	2.00E+00	6.90E+00
WD	STJ	L12272-01	4/5/2007	Ce-144	6.30E+00	6.90E+00	2.30E+01
WD	STJ	L12272-01	4/5/2007	Co-57	-1.29E+00	8.90E-01	3.10E+00
WD	STJ	L12272-01	4/5/2007	Co-58	1.50E+00	1.50E+00	5.20E+00
WD	STJ	L12272-01	4/5/2007	Co-60	-1.00E-01	1.60E+00	5.70E+00
WD	STJ	L12272-01	4/5/2007	Cr-51	0.00E+00	1.20E+01	4.20E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12272-01	4/5/2007	Cs-134	-1.00E+00	1.60E+00	5.90E+00
WD	STJ	L12272-01	4/5/2007	Cs-137	-1.00E-01	1.30E+00	4.60E+00
WD	STJ	L12272-01	4/5/2007	Fe-59	-7.00E-01	3.30E+00	1.20E+01
WD	STJ	L12272-01	4/5/2007	GROSS BETA	5.10E+00	1.20E+00	3.30E+00 *
WD	STJ	L12272-01	4/5/2007	I-131	1.00E-02	1.70E-01	8.40E-01
WD	STJ	L12272-01	4/5/2007	K-40	2.20E+01	2.60E+01	8.70E+01
WD	STJ	L12272-01	4/5/2007	La-140	1.00E-01	3.10E+00	1.20E+01
WD	STJ	L12272-01	4/5/2007	Mn-54	0.00E+00	1.40E+00	5.00E+00
WD	STJ	L12272-01	4/5/2007	Nb-95	-2.80E+00	1.90E+00	7.20E+00
WD	STJ	L12272-01	4/5/2007	Ru-103	-1.40E+00	2.10E+00	7.60E+00
WD	STJ	L12272-01	4/5/2007	Ru-106	-1.40E+01	1.30E+01	4.60E+01
WD	STJ	L12272-01	4/5/2007	Sb-124	-6.60E+00	3.80E+00	1.60E+01
WD	STJ	L12272-01	4/5/2007	Sb-125	-3.60E+00	3.50E+00	1.30E+01
WD	STJ	L12272-01	4/5/2007	Se-75	-2.60E+00	1.40E+00	5.20E+00
WD	STJ	L12272-01	4/5/2007	Zn-65	-6.80E+00	3.20E+00	1.30E+01
WD	STJ	L12272-01	4/5/2007	Zr-95	2.30E+00	2.70E+00	9.40E+00
WD	LTW	L12272-02	4/5/2007	AcTh-228	1.55E+01	6.60E+00	2.10E+01
WD	LTW	L12272-02	4/5/2007	Ag-108m	-7.00E-01	1.00E+00	3.60E+00
WD	LTW	L12272-02	4/5/2007	Ag-110m	-2.00E-01	1.70E+00	6.00E+00
WD	LTW	L12272-02	4/5/2007	Ba-140	-6.80E+00	3.00E+00	1.20E+01
WD	LTW	L12272-02	4/5/2007	Be-7	4.00E+00	1.00E+01	3.60E+01
WD	LTW	L12272-02	4/5/2007	Ce-141	-3.60E+00	1.90E+00	6.60E+00
WD	LTW	L12272-02	4/5/2007	Ce-144	-3.20E+00	6.20E+00	2.10E+01
WD	LTW	L12272-02	4/5/2007	Co-57	-1.74E+00	7.60E-01	2.70E+00
WD	LTW	L12272-02	4/5/2007	Co-58	-1.60E+00	1.30E+00	4.90E+00
WD	LTW	L12272-02	4/5/2007	Co-60	-5.00E-01	1.60E+00	6.00E+00
WD	LTW	L12272-02	4/5/2007	Cr-51	3.00E+00	1.20E+01	4.10E+01
WD	LTW	L12272-02	4/5/2007	Cs-134	1.00E-01	1.30E+00	4.50E+00
WD	LTW	L12272-02	4/5/2007	Cs-137	0.00E+00	1.40E+00	5.10E+00
WD	LTW	L12272-02	4/5/2007	Fe-59	1.60E+00	2.80E+00	9.80E+00
WD	LTW	L12272-02	4/5/2007	GROSS BETA	3.50E+00	1.10E+00	3.10E+00 *
WD	LTW	L12272-02	4/5/2007	I-131	-1.00E-01	1.30E-01	9.00E-01
WD	LTW	L12272-02	4/5/2007	K-40	2.30E+01	1.50E+01	5.10E+01
WD	LTW	L12272-02	4/5/2007	La-140	-7.80E+00	3.50E+00	1.40E+01
WD	LTW	L12272-02	4/5/2007	Mn-54	-8.00E-01	1.10E+00	4.20E+00
WD	LTW	L12272-02	4/5/2007	Nb-95	-1.40E+00	1.70E+00	6.10E+00
WD	LTW	L12272-02	4/5/2007	Ru-103	2.00E-01	1.40E+00	4.70E+00
WD	LTW	L12272-02	4/5/2007	Ru-106	-7.00E+00	1.30E+01	4.50E+01
WD	LTW	L12272-02	4/5/2007	Sb-124	-3.10E+00	3.60E+00	1.40E+01
WD	LTW	L12272-02	4/5/2007	Sb-125	-6.00E-01	3.30E+00	2.40E+01
WD	LTW	L12272-02	4/5/2007	Se-75	-1.50E+00	1.20E+00	4.40E+00
WD	LTW	L12272-02	4/5/2007	Zn-65	1.50E+00	3.00E+00	1.10E+01

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

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12272-02	4/5/2007	Zr-95	-3.80E+00	2.30E+00	8.80E+00
WD	STJ	L12342-01	4/19/2007	AcTh-228	7.90E+00	4.30E+00	1.40E+01
WD	STJ	L12342-01	4/19/2007	Ag-108m	5.30E-01	8.80E-01	3.00E+00
WD	STJ	L12342-01	4/19/2007	Ag-110m	-3.10E+00	1.60E+00	6.30E+00
WD	STJ	L12342-01	4/19/2007	Ba-140	-5.00E-01	2.60E+00	9.80E+00
WD	STJ	L12342-01	4/19/2007	Be-7	-6.00E+00	8.50E+00	3.20E+01
WD	STJ	L12342-01	4/19/2007	Ce-141	-3.80E+00	2.00E+00	7.10E+00
WD	STJ	L12342-01	4/19/2007	Ce-144	4.50E+00	6.00E+00	2.00E+01
WD	STJ	L12342-01	4/19/2007	Co-57	-7.90E-01	8.00E-01	2.80E+00
WD	STJ	L12342-01	4/19/2007	Co-58	-3.00E-01	1.10E+00	4.10E+00
WD	STJ	L12342-01	4/19/2007	Co-60	1.50E+00	1.20E+00	4.10E+00
WD	STJ	L12342-01	4/19/2007	Cr-51	-3.00E+00	1.10E+01	4.00E+01
WD	STJ	L12342-01	4/19/2007	Cs-134	5.00E-01	1.10E+00	4.00E+00
WD	STJ	L12342-01	4/19/2007	Cs-137	2.00E-01	1.10E+00	3.90E+00
WD	STJ	L12342-01	4/19/2007	Fe-59	2.20E+00	2.60E+00	9.10E+00
WD	STJ	L12342-01	4/19/2007	GROSS BETA	5.10E+00	1.20E+00	3.20E+00 *
WD	STJ	L12342-01	4/19/2007	I-131	-3.30E-02	7.70E-02	3.90E-01
WD	STJ	L12342-01	4/19/2007	K-40	-5.00E+00	1.40E+01	5.30E+01
WD	STJ	L12342-01	4/19/2007	La-140	-5.00E-01	3.00E+00	1.10E+01
WD	STJ	L12342-01	4/19/2007	Mn-54	-1.80E-01	9.70E-01	3.60E+00
WD	STJ	L12342-01	4/19/2007	Nb-95	-8.00E-01	1.10E+00	4.20E+00
WD	STJ	L12342-01	4/19/2007	Ru-103	-9.00E-01	1.20E+00	4.40E+00
WD	STJ	L12342-01	4/19/2007	Ru-106	-4.00E+00	1.00E+01	3.70E+01
WD	STJ	L12342-01	4/19/2007	Sb-124	-1.80E+00	2.30E+00	9.70E+00
WD	STJ	L12342-01	4/19/2007	Sb-125	6.30E+00	2.80E+00	8.70E+00
WD	STJ	L12342-01	4/19/2007	Se-75	5.00E-01	1.20E+00	4.10E+00
WD	STJ	L12342-01	4/19/2007	Zn-65	-1.40E+00	1.90E+00	7.70E+00
WD	STJ	L12342-01	4/19/2007	Zr-95	7.00E-01	1.80E+00	6.60E+00
WD	LTW	L12342-02	4/19/2007	AcTh-228	-4.00E-01	4.40E+00	1.60E+01
WD	LTW	L12342-02	4/19/2007	Ag-108m	3.80E-01	8.10E-01	2.80E+00
WD	LTW	L12342-02	4/19/2007	Ag-110m	-1.00E-01	1.40E+00	5.10E+00
WD	LTW	L12342-02	4/19/2007	Ba-140	6.00E-01	2.30E+00	8.70E+00
WD	LTW	L12342-02	4/19/2007	Be-7	2.20E+00	9.50E+00	3.40E+01
WD	LTW	L12342-02	4/19/2007	Ce-141	-6.00E-01	1.90E+00	6.70E+00
WD	LTW	L12342-02	4/19/2007	Ce-144	8.50E+00	6.10E+00	2.00E+01
WD	LTW	L12342-02	4/19/2007	Co-57	1.50E+00	8.40E-01	2.70E+00
WD	LTW	L12342-02	4/19/2007	Co-58	1.10E+00	1.20E+00	4.30E+00
WD	LTW	L12342-02	4/19/2007	Co-60	-1.00E+00	1.50E+00	5.60E+00
WD	LTW	L12342-02	4/19/2007	Cr-51	-1.35E+01	9.60E+00	3.70E+01
WD	LTW	L12342-02	4/19/2007	Cs-134	1.20E+00	1.20E+00	4.20E+00
WD	LTW	L12342-02	4/19/2007	Cs-137	0.00E+00	9.70E-01	3.60E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12342-02	4/19/2007	Fe-59	1.20E+00	2.20E+00	7.80E+00
WD	LTW	L12342-02	4/19/2007	GROSS BETA	3.00E+00	1.10E+00	3.20E+00
WD	LTW	L12342-02	4/19/2007	I-131	-2.80E-02	9.80E-02	4.70E-01
WD	LTW	L12342-02	4/19/2007	K-40	-6.00E+00	1.60E+01	6.10E+01
WD	LTW	L12342-02	4/19/2007	La-140	7.00E-01	2.60E+00	1.00E+01
WD	LTW	L12342-02	4/19/2007	Mn-54	-5.00E-01	1.10E+00	4.00E+00
WD	LTW	L12342-02	4/19/2007	Nb-95	1.30E+00	1.50E+00	5.00E+00
WD	LTW	L12342-02	4/19/2007	Ru-103	-2.00E+00	1.10E+00	4.40E+00
WD	LTW	L12342-02	4/19/2007	Ru-106	-2.40E+00	7.90E+00	3.00E+01
WD	LTW	L12342-02	4/19/2007	Sb-124	-7.00E-01	3.50E+00	1.40E+01
WD	LTW	L12342-02	4/19/2007	Sb-125	3.50E+00	2.70E+00	9.00E+00
WD	LTW	L12342-02	4/19/2007	Se-75	1.00E+00	1.20E+00	4.10E+00
WD	LTW	L12342-02	4/19/2007	Zn-65	2.00E+00	2.10E+00	7.30E+00
WD	LTW	L12342-02	4/19/2007	Zr-95	-9.00E-01	1.90E+00	7.40E+00
WD	STJ	L12405-01	5/3/2007	AcTh-228	-3.00E-01	3.10E+00	1.10E+01
WD	STJ	L12405-01	5/3/2007	Ag-108m	-3.60E-01	6.90E-01	2.50E+00
WD	STJ	L12405-01	5/3/2007	Ag-110m	1.00E+00	1.10E+00	3.80E+00
WD	STJ	L12405-01	5/3/2007	Ba-140	2.50E+00	1.40E+00	4.40E+00
WD	STJ	L12405-01	5/3/2007	Be-7	-1.06E+01	8.40E+00	3.10E+01
WD	STJ	L12405-01	5/3/2007	Ce-141	-3.00E-01	1.90E+00	6.60E+00
WD	STJ	L12405-01	5/3/2007	Ce-144	2.90E+00	5.40E+00	1.80E+01
WD	STJ	L12405-01	5/3/2007	Co-57	1.80E-01	7.20E-01	2.50E+00
WD	STJ	L12405-01	5/3/2007	Co-58	-5.60E-01	9.20E-01	3.40E+00
WD	STJ	L12405-01	5/3/2007	Co-60	1.45E+00	8.40E-01	2.70E+00
WD	STJ	L12405-01	5/3/2007	Cr-51	1.34E+01	9.80E+00	3.30E+01
WD	STJ	L12405-01	5/3/2007	Cs-134	-8.00E-01	9.50E-01	3.60E+00
WD	STJ	L12405-01	5/3/2007	Cs-137	1.10E-01	7.50E-01	2.70E+00
WD	STJ	L12405-01	5/3/2007	Fe-59	-1.60E+00	2.00E+00	7.50E+00
WD	STJ	L12405-01	5/3/2007	GROSS BETA	9.30E+00	1.40E+00	3.30E+00 *
WD	STJ	L12405-01	5/3/2007	I-131	8.00E-02	1.80E-01	9.50E-01
WD	STJ	L12405-01	5/3/2007	K-40	4.00E+00	1.10E+01	4.00E+01
WD	STJ	L12405-01	5/3/2007	La-140	2.90E+00	1.60E+00	5.10E+00
WD	STJ	L12405-01	5/3/2007	Mn-54	-3.10E-01	8.20E-01	3.00E+00
WD	STJ	L12405-01	5/3/2007	Nb-95	-9.00E-01	1.00E+00	3.90E+00
WD	STJ	L12405-01	5/3/2007	Ru-103	-1.90E+00	1.20E+00	4.30E+00
WD	STJ	L12405-01	5/3/2007	Ru-106	2.20E+00	8.00E+00	2.80E+01
WD	STJ	L12405-01	5/3/2007	Sb-124	-4.00E-01	2.20E+00	8.20E+00
WD	STJ	L12405-01	5/3/2007	Sb-125	-2.00E-01	2.40E+00	8.50E+00
WD	STJ	L12405-01	5/3/2007	Se-75	-3.00E-01	1.30E+00	4.60E+00
WD	STJ	L12405-01	5/3/2007	Zn-65	-6.00E-01	1.90E+00	7.10E+00
WD	STJ	L12405-01	5/3/2007	Zr-95	6.00E-01	1.50E+00	5.20E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12405-02	5/3/2007	AcTh-228	2.80E+00	4.80E+00	1.70E+01
WD	LTW	L12405-02	5/3/2007	Ag-108m	-4.00E-01	1.00E+00	3.80E+00
WD	LTW	L12405-02	5/3/2007	Ag-110m	3.60E+00	1.70E+00	5.30E+00
WD	LTW	L12405-02	5/3/2007	Ba-140	-5.00E-01	2.50E+00	1.00E+01
WD	LTW	L12405-02	5/3/2007	Be-7	1.00E+00	1.10E+01	3.90E+01
WD	LTW	L12405-02	5/3/2007	Ce-141	-7.00E-01	2.10E+00	7.50E+00
WD	LTW	L12405-02	5/3/2007	Ce-144	-1.60E+00	7.10E+00	2.50E+01
WD	LTW	L12405-02	5/3/2007	Co-57	2.40E-01	9.20E-01	3.20E+00
WD	LTW	L12405-02	5/3/2007	Co-58	-4.00E-01	1.30E+00	5.00E+00
WD	LTW	L12405-02	5/3/2007	Co-60	0.00E+00	1.60E+00	5.90E+00
WD	LTW	L12405-02	5/3/2007	Cr-51	7.00E+00	1.10E+01	3.70E+01
WD	LTW	L12405-02	5/3/2007	Cs-134	1.00E-01	1.40E+00	5.20E+00
WD	LTW	L12405-02	5/3/2007	Cs-137	2.00E-01	1.20E+00	4.50E+00
WD	LTW	L12405-02	5/3/2007	Fe-59	2.60E+00	2.90E+00	1.00E+01
WD	LTW	L12405-02	5/3/2007	GROSS BETA	9.60E+00	1.30E+00	3.00E+00 *
WD	LTW	L12405-02	5/3/2007	I-131	-1.03E-01	1.70E-02	7.60E-01
WD	LTW	L12405-02	5/3/2007	K-40	-8.00E+00	1.40E+01	5.70E+01
WD	LTW	L12405-02	5/3/2007	La-140	-6.00E-01	2.90E+00	1.20E+01
WD	LTW	L12405-02	5/3/2007	Mn-54	-5.00E-01	1.40E+00	5.30E+00
WD	LTW	L12405-02	5/3/2007	Nb-95	-1.00E-01	1.70E+00	6.20E+00
WD	LTW	L12405-02	5/3/2007	Ru-103	-2.00E-01	1.40E+00	5.10E+00
WD	LTW	L12405-02	5/3/2007	Ru-106	-3.00E+00	1.00E+01	3.80E+01
WD	LTW	L12405-02	5/3/2007	Sb-124	8.00E-01	4.00E+00	1.50E+01
WD	LTW	L12405-02	5/3/2007	Sb-125	-8.00E-01	3.60E+00	1.30E+01
WD	LTW	L12405-02	5/3/2007	Se-75	3.00E-01	1.40E+00	4.80E+00
WD	LTW	L12405-02	5/3/2007	Zn-65	3.00E+00	2.70E+00	9.10E+00
WD	LTW	L12405-02	5/3/2007	Zr-95	4.00E-01	2.10E+00	7.60E+00
WD	STJ	L12464-01	5/17/2007	AcTh-228	2.00E-01	4.40E+00	1.60E+01
WD	STJ	L12464-01	5/17/2007	Ag-108m	7.60E-01	8.60E-01	2.90E+00
WD	STJ	L12464-01	5/17/2007	Ag-110m	-1.90E+00	1.50E+00	6.10E+00
WD	STJ	L12464-01	5/17/2007	Ba-140	2.20E+00	2.50E+00	8.80E+00
WD	STJ	L12464-01	5/17/2007	Be-7	2.20E+00	8.80E+00	3.10E+01
WD	STJ	L12464-01	5/17/2007	Ce-141	-3.00E+00	1.90E+00	6.80E+00
WD	STJ	L12464-01	5/17/2007	Ce-144	-2.00E+00	6.70E+00	2.30E+01
WD	STJ	L12464-01	5/17/2007	Co-57	9.00E-01	8.10E-01	2.70E+00
WD	STJ	L12464-01	5/17/2007	Co-58	3.00E-01	1.20E+00	4.30E+00
WD	STJ	L12464-01	5/17/2007	Co-60	4.00E-01	1.20E+00	4.30E+00
WD	STJ	L12464-01	5/17/2007	Cr-51	-1.40E+01	1.10E+01	4.00E+01
WD	STJ	L12464-01	5/17/2007	Cs-134	-1.40E+00	1.10E+00	4.40E+00
WD	STJ	L12464-01	5/17/2007	Cs-137	1.60E+00	1.00E+00	3.40E+00
WD	STJ	L12464-01	5/17/2007	Fe-59	4.00E-01	2.80E+00	1.00E+01
WD	STJ	L12464-01	5/17/2007	GROSS BETA	1.80E+00	1.00E+00	3.20E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12464-01	5/17/2007	I-131	-1.00E-02	1.50E-01	8.00E-01
WD	STJ	L12464-01	5/17/2007	K-40	-2.80E+01	1.40E+01	5.90E+01
WD	STJ	L12464-01	5/17/2007	La-140	2.50E+00	2.80E+00	1.00E+01
WD	STJ	L12464-01	5/17/2007	Mn-54	-4.00E-01	1.10E+00	4.20E+00
WD	STJ	L12464-01	5/17/2007	Nb-95	8.00E-01	1.60E+00	5.60E+00
WD	STJ	L12464-01	5/17/2007	Ru-103	-2.00E+00	1.40E+00	5.20E+00
WD	STJ	L12464-01	5/17/2007	Ru-106	1.33E+01	9.50E+00	3.10E+01
WD	STJ	L12464-01	5/17/2007	Sb-124	-4.60E+00	3.50E+00	1.50E+01
WD	STJ	L12464-01	5/17/2007	Sb-125	-1.50E+00	2.70E+00	9.80E+00
WD	STJ	L12464-01	5/17/2007	Se-75	-4.00E-01	1.10E+00	4.10E+00
WD	STJ	L12464-01	5/17/2007	Zn-65	0.00E+00	2.30E+00	8.70E+00
WD	STJ	L12464-01	5/17/2007	Zr-95	-2.30E+00	2.10E+00	8.20E+00
WD	LTW	L12464-02	5/17/2007	AcTh-228	-3.00E+00	4.10E+00	1.70E+01
WD	LTW	L12464-02	5/17/2007	Ag-108m	-5.00E-01	1.10E+00	3.90E+00
WD	LTW	L12464-02	5/17/2007	Ag-110m	-1.10E+00	1.80E+00	7.10E+00
WD	LTW	L12464-02	5/17/2007	Ba-140	-3.60E+00	2.50E+00	1.20E+01
WD	LTW	L12464-02	5/17/2007	Be-7	-4.00E+00	1.10E+01	4.00E+01
WD	LTW	L12464-02	5/17/2007	Ce-141	-4.20E+00	2.20E+00	8.20E+00
WD	LTW	L12464-02	5/17/2007	Ce-144	5.10E+00	7.90E+00	2.70E+01
WD	LTW	L12464-02	5/17/2007	Co-57	-3.70E-01	9.20E-01	3.20E+00
WD	LTW	L12464-02	5/17/2007	Co-58	2.00E+00	1.20E+00	4.00E+00
WD	LTW	L12464-02	5/17/2007	Co-60	-1.60E+00	1.40E+00	5.80E+00
WD	LTW	L12464-02	5/17/2007	Cr-51	-2.00E+00	1.10E+01	4.20E+01
WD	LTW	L12464-02	5/17/2007	Cs-134	9.00E-01	1.30E+00	4.50E+00
WD	LTW	L12464-02	5/17/2007	Cs-137	2.70E+00	1.30E+00	4.00E+00
WD	LTW	L12464-02	5/17/2007	Fe-59	-1.10E+00	3.00E+00	1.20E+01
WD	LTW	L12464-02	5/17/2007	GROSS BETA	5.10E+00	1.20E+00	3.30E+00 *
WD	LTW	L12464-02	5/17/2007	I-131	7.00E-02	1.70E-01	7.60E-01
WD	LTW	L12464-02	5/17/2007	K-40	-2.70E+01	1.90E+01	7.70E+01
WD	LTW	L12464-02	5/17/2007	La-140	-4.20E+00	2.90E+00	1.40E+01
WD	LTW	L12464-02	5/17/2007	Mn-54	-1.50E+00	1.40E+00	5.50E+00
WD	LTW	L12464-02	5/17/2007	Nb-95	-1.00E-01	1.50E+00	5.80E+00
WD	LTW	L12464-02	5/17/2007	Ru-103	-6.00E-01	1.30E+00	5.00E+00
WD	LTW	L12464-02	5/17/2007	Ru-106	3.00E+00	1.10E+01	3.90E+01
WD	LTW	L12464-02	5/17/2007	Sb-124	9.00E-01	4.40E+00	1.70E+01
WD	LTW	L12464-02	5/17/2007	Sb-125	-8.20E+00	3.10E+00	1.30E+01
WD	LTW	L12464-02	5/17/2007	Se-75	1.00E-01	1.40E+00	4.90E+00
WD	LTW	L12464-02	5/17/2007	Zn-65	1.60E+00	2.50E+00	9.10E+00
WD	LTW	L12464-02	5/17/2007	Zr-95	-1.00E+00	2.80E+00	1.00E+01
WD	STJ	L12527-01	5/31/2007	AcTh-228	6.70E+00	5.10E+00	1.70E+01
WD	STJ	L12527-01	5/31/2007	Ag-108m	-3.00E-01	1.10E+00	4.00E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12527-01	5/31/2007	Ag-110m	-7.00E-01	1.90E+00	7.50E+00
WD	STJ	L12527-01	5/31/2007	Ba-140	-6.00E-01	2.80E+00	1.10E+01
WD	STJ	L12527-01	5/31/2007	Be-7	-2.00E+00	1.20E+01	4.50E+01
WD	STJ	L12527-01	5/31/2007	Ce-141	9.00E-01	2.70E+00	9.30E+00
WD	STJ	L12527-01	5/31/2007	Ce-144	1.00E+00	7.70E+00	2.70E+01
WD	STJ	L12527-01	5/31/2007	Co-57	2.00E-01	1.10E+00	3.80E+00
WD	STJ	L12527-01	5/31/2007	Co-58	-5.00E-01	1.20E+00	4.70E+00
WD	STJ	L12527-01	5/31/2007	Co-60	9.00E-01	1.30E+00	4.90E+00
WD	STJ	L12527-01	5/31/2007	Cr-51	0.00E+00	1.30E+01	4.70E+01
WD	STJ	L12527-01	5/31/2007	Cs-134	-1.60E+00	1.50E+00	6.20E+00
WD	STJ	L12527-01	5/31/2007	Cs-137	0.00E+00	1.20E+00	4.40E+00
WD	STJ	L12527-01	5/31/2007	Fe-59	1.00E+00	3.10E+00	1.20E+01
WD	STJ	L12527-01	5/31/2007	GROSS BETA	2.60E+00	1.00E+00	3.10E+00
WD	STJ	L12527-01	5/31/2007	I-131	-1.00E-02	1.30E-01	7.60E-01
WD	STJ	L12527-01	5/31/2007	K-40	-1.00E+01	1.50E+01	6.10E+01
WD	STJ	L12527-01	5/31/2007	La-140	-7.00E-01	3.20E+00	1.30E+01
WD	STJ	L12527-01	5/31/2007	Mn-54	1.20E+00	1.20E+00	4.10E+00
WD	STJ	L12527-01	5/31/2007	Nb-95	-8.00E-01	1.80E+00	6.70E+00
WD	STJ	L12527-01	5/31/2007	Ru-103	-8.00E-01	1.70E+00	6.30E+00
WD	STJ	L12527-01	5/31/2007	Ru-106	2.00E+00	1.10E+01	4.00E+01
WD	STJ	L12527-01	5/31/2007	Sb-124	0.00E+00	3.90E+00	1.50E+01
WD	STJ	L12527-01	5/31/2007	Sb-125	-1.00E+00	3.70E+00	1.40E+01
WD	STJ	L12527-01	5/31/2007	Se-75	-4.10E+00	1.80E+00	7.20E+00
WD	STJ	L12527-01	5/31/2007	Zn-65	6.00E-01	2.60E+00	9.70E+00
WD	STJ	L12527-01	5/31/2007	Zr-95	9.00E-01	2.10E+00	7.80E+00
WD	LTW	L12527-02	5/31/2007	AcTh-228	4.60E+00	5.40E+00	1.90E+01
WD	LTW	L12527-02	5/31/2007	Ag-108m	-2.00E-01	1.30E+00	5.00E+00
WD	LTW	L12527-02	5/31/2007	Ag-110m	2.90E+00	2.00E+00	6.70E+00
WD	LTW	L12527-02	5/31/2007	Ba-140	6.30E+00	3.30E+00	9.70E+00
WD	LTW	L12527-02	5/31/2007	Be-7	2.20E+01	1.40E+01	4.50E+01
WD	LTW	L12527-02	5/31/2007	Ce-141	2.80E+00	3.10E+00	1.00E+01
WD	LTW	L12527-02	5/31/2007	Ce-144	-8.00E+00	1.00E+01	3.80E+01
WD	LTW	L12527-02	5/31/2007	Co-57	6.00E-01	1.40E+00	4.90E+00
WD	LTW	L12527-02	5/31/2007	Co-58	4.00E-01	1.50E+00	5.70E+00
WD	LTW	L12527-02	5/31/2007	Co-60	-1.80E+00	1.70E+00	7.40E+00
WD	LTW	L12527-02	5/31/2007	Cr-51	1.20E+01	1.60E+01	5.80E+01
WD	LTW	L12527-02	5/31/2007	Cs-134	-1.00E+00	1.40E+00	6.20E+00
WD	LTW	L12527-02	5/31/2007	Cs-137	-1.50E+00	1.70E+00	6.80E+00
WD	LTW	L12527-02	5/31/2007	Fe-59	-2.80E+00	4.00E+00	1.60E+01
WD	LTW	L12527-02	5/31/2007	GROSS BETA	3.10E+00	1.00E+00	3.10E+00 *
WD	LTW	L12527-02	5/31/2007	I-131	3.80E-01	2.60E-01	8.10E-01
WD	LTW	L12527-02	5/31/2007	K-40	-1.10E+01	1.70E+01	7.10E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12527-02	5/31/2007	La-140	7.30E+00	3.70E+00	1.10E+01
WD	LTW	L12527-02	5/31/2007	Mn-54	-3.30E+00	1.50E+00	7.00E+00
WD	LTW	L12527-02	5/31/2007	Nb-95	-8.00E-01	2.20E+00	8.30E+00
WD	LTW	L12527-02	5/31/2007	Ru-103	-2.50E+00	1.90E+00	7.90E+00
WD	LTW	L12527-02	5/31/2007	Ru-106	1.60E+01	1.70E+01	5.90E+01
WD	LTW	L12527-02	5/31/2007	Sb-124	0.00E+00	3.00E+00	1.30E+01
WD	LTW	L12527-02	5/31/2007	Sb-125	-1.40E+00	3.80E+00	1.50E+01
WD	LTW	L12527-02	5/31/2007	Se-75	-2.00E+00	2.00E+00	7.60E+00
WD	LTW	L12527-02	5/31/2007	Zn-65	-5.10E+00	3.60E+00	1.60E+01
WD	LTW	L12527-02	5/31/2007	Zr-95	-3.70E+00	2.60E+00	1.20E+01
WD	STJ	L12589-01	6/14/2007	AcTh-228	1.10E+00	3.80E+00	1.30E+01
WD	STJ	L12589-01	6/14/2007	Ag-108m	-1.08E+00	8.40E-01	3.10E+00
WD	STJ	L12589-01	6/14/2007	Ag-110m	1.10E+00	1.30E+00	4.70E+00
WD	STJ	L12589-01	6/14/2007	Ba-140	-7.30E+00	2.90E+00	1.30E+01
WD	STJ	L12589-01	6/14/2007	Be-7	-1.02E+01	8.70E+00	3.30E+01
WD	STJ	L12589-01	6/14/2007	Ce-141	3.70E+00	1.80E+00	5.90E+00
WD	STJ	L12589-01	6/14/2007	Ce-144	1.35E+01	5.80E+00	1.90E+01
WD	STJ	L12589-01	6/14/2007	Co-57	2.70E-01	6.90E-01	2.40E+00
WD	STJ	L12589-01	6/14/2007	Co-58	2.00E-01	1.00E+00	3.60E+00
WD	STJ	L12589-01	6/14/2007	Co-60	1.30E+00	1.00E+00	3.50E+00
WD	STJ	L12589-01	6/14/2007	Cr-51	-6.00E+00	1.20E+01	4.40E+01
WD	STJ	L12589-01	6/14/2007	Cs-134	-4.00E-01	1.00E+00	3.90E+00
WD	STJ	L12589-01	6/14/2007	Cs-137	-1.68E+00	9.70E-01	3.80E+00
WD	STJ	L12589-01	6/14/2007	Fe-59	-2.80E+00	2.60E+00	1.00E+01
WD	STJ	L12589-01	6/14/2007	GROSS BETA	3.50E+00	1.10E+00	3.10E+00 *
WD	STJ	L12589-01	6/14/2007	I-131	-1.00E-02	1.30E-01	7.70E-01
WD	STJ	L12589-01	6/14/2007	K-40	0.00E+00	1.30E+01	4.90E+01
WD	STJ	L12589-01	6/14/2007	La-140	-8.40E+00	3.30E+00	1.50E+01
WD	STJ	L12589-01	6/14/2007	Mn-54	-1.49E+00	7.70E-01	3.20E+00
WD	STJ	L12589-01	6/14/2007	Nb-95	5.00E-01	1.20E+00	4.40E+00
WD	STJ	L12589-01	6/14/2007	Ru-103	-1.00E-01	1.20E+00	4.20E+00
WD	STJ	L12589-01	6/14/2007	Ru-106	2.90E+00	9.50E+00	3.30E+01
WD	STJ	L12589-01	6/14/2007	Sb-124	-1.60E+00	2.90E+00	1.10E+01
WD	STJ	L12589-01	6/14/2007	Sb-125	-3.80E+00	2.50E+00	9.60E+00
WD	STJ	L12589-01	6/14/2007	Se-75	1.30E+00	1.20E+00	3.90E+00
WD	STJ	L12589-01	6/14/2007	Zn-65	1.60E+00	2.10E+00	7.50E+00
WD	STJ	L12589-01	6/14/2007	Zr-95	5.50E+00	1.90E+00	5.50E+00
WD	LTW	L12589-02	6/14/2007	AcTh-228	-5.10E+00	4.20E+00	1.70E+01
WD	LTW	L12589-02	6/14/2007	Ag-108m	5.40E-01	9.50E-01	3.30E+00
WD	LTW	L12589-02	6/14/2007	Ag-110m	-2.00E+00	1.50E+00	6.10E+00
WD	LTW	L12589-02	6/14/2007	Ba-140	1.50E+00	2.80E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12589-02	6/14/2007	Be-7	1.10E+01	1.30E+01	4.40E+01
WD	LTW	L12589-02	6/14/2007	Ce-141	3.90E+00	2.90E+00	9.60E+00
WD	LTW	L12589-02	6/14/2007	Ce-144	-2.10E+00	7.60E+00	2.70E+01
WD	LTW	L12589-02	6/14/2007	Co-57	4.00E-01	1.00E+00	3.50E+00
WD	LTW	L12589-02	6/14/2007	Co-58	-4.00E-01	1.30E+00	5.10E+00
WD	LTW	L12589-02	6/14/2007	Co-60	5.00E-01	1.10E+00	4.10E+00
WD	LTW	L12589-02	6/14/2007	Cr-51	7.00E+00	1.60E+01	5.50E+01
WD	LTW	L12589-02	6/14/2007	Cs-134	1.70E+00	1.10E+00	3.60E+00
WD	LTW	L12589-02	6/14/2007	Cs-137	-6.00E-01	1.10E+00	4.30E+00
WD	LTW	L12589-02	6/14/2007	Fe-59	8.00E-01	2.90E+00	1.10E+01
WD	LTW	L12589-02	6/14/2007	GROSS BETA	3.30E+00	1.00E+00	3.00E+00 *
WD	LTW	L12589-02	6/14/2007	I-131	-1.00E-02	1.30E-01	8.10E-01
WD	LTW	L12589-02	6/14/2007	K-40	-2.50E+01	1.50E+01	6.20E+01
WD	LTW	L12589-02	6/14/2007	La-140	1.70E+00	3.20E+00	1.20E+01
WD	LTW	L12589-02	6/14/2007	Mn-54	-1.40E+00	1.40E+00	5.30E+00
WD	LTW	L12589-02	6/14/2007	Nb-95	8.00E-01	1.40E+00	5.20E+00
WD	LTW	L12589-02	6/14/2007	Ru-103	-4.50E+00	1.70E+00	7.00E+00
WD	LTW	L12589-02	6/14/2007	Ru-106	-6.00E+00	1.20E+01	4.50E+01
WD	LTW	L12589-02	6/14/2007	Sb-124	-2.30E+00	2.70E+00	1.20E+01
WD	LTW	L12589-02	6/14/2007	Sb-125	3.30E+00	3.30E+00	1.10E+01
WD	LTW	L12589-02	6/14/2007	Se-75	3.00E-01	1.50E+00	5.40E+00
WD	LTW	L12589-02	6/14/2007	Zn-65	1.50E+00	2.00E+00	7.10E+00
WD	LTW	L12589-02	6/14/2007	Zr-95	1.90E+00	2.10E+00	7.30E+00
WD	STJ	L12653-01	6/28/2007	AcTh-228	-1.25E+01	3.70E+00	1.80E+01
WD	STJ	L12653-01	6/28/2007	Ag-108m	0.00E+00	9.60E-01	3.50E+00
WD	STJ	L12653-01	6/28/2007	Ag-110m	1.20E+00	1.80E+00	6.50E+00
WD	STJ	L12653-01	6/28/2007	Ba-140	3.30E+00	3.60E+00	1.30E+01
WD	STJ	L12653-01	6/28/2007	Be-7	3.00E+00	1.40E+01	4.90E+01
WD	STJ	L12653-01	6/28/2007	Ce-141	-3.00E+00	2.30E+00	8.50E+00
WD	STJ	L12653-01	6/28/2007	Ce-144	6.10E+00	7.70E+00	2.60E+01
WD	STJ	L12653-01	6/28/2007	Co-57	-1.60E-01	9.30E-01	3.30E+00
WD	STJ	L12653-01	6/28/2007	Co-58	-2.20E+00	1.50E+00	6.30E+00
WD	STJ	L12653-01	6/28/2007	Co-60	0.00E+00	1.30E+00	4.90E+00
WD	STJ	L12653-01	6/28/2007	Cr-51	7.00E+00	1.30E+01	4.50E+01
WD	STJ	L12653-01	6/28/2007	Cs-134	1.30E+00	1.20E+00	4.30E+00
WD	STJ	L12653-01	6/28/2007	Cs-137	4.00E-01	1.20E+00	4.50E+00
WD	STJ	L12653-01	6/28/2007	Fe-59	-1.20E+00	2.80E+00	1.10E+01
WD	STJ	L12653-01	6/28/2007	GROSS BETA	3.20E+00	1.00E+00	3.00E+00 *
WD	STJ	L12653-01	6/28/2007	I-131	1.10E-01	1.60E-01	6.90E-01
WD	STJ	L12653-01	6/28/2007	K-40	-1.90E+01	1.90E+01	7.40E+01
WD	STJ	L12653-01	6/28/2007	La-140	3.80E+00	4.20E+00	1.50E+01
WD	STJ	L12653-01	6/28/2007	Mn-54	1.50E+00	1.30E+00	4.40E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12653-01	6/28/2007	Nb-95	-2.20E+00	2.00E+00	7.80E+00
WD	STJ	L12653-01	6/28/2007	Ru-103	-2.50E+00	1.60E+00	6.20E+00
WD	STJ	L12653-01	6/28/2007	Ru-106	-5.00E+00	1.20E+01	4.40E+01
WD	STJ	L12653-01	6/28/2007	Sb-124	-4.70E+00	3.10E+00	1.50E+01
WD	STJ	L12653-01	6/28/2007	Sb-125	-8.00E-01	3.50E+00	1.30E+01
WD	STJ	L12653-01	6/28/2007	Se-75	-2.80E+00	1.50E+00	5.80E+00
WD	STJ	L12653-01	6/28/2007	Zn-65	-1.60E+00	2.60E+00	1.10E+01
WD	STJ	L12653-01	6/28/2007	Zr-95	-3.00E-01	2.70E+00	1.00E+01
WD	LTW	L12653-02	6/28/2007	AcTh-228	-1.80E+00	3.70E+00	1.40E+01
WD	LTW	L12653-02	6/28/2007	Ag-108m	-1.13E+00	8.00E-01	3.00E+00
WD	LTW	L12653-02	6/28/2007	Ag-110m	-7.00E-01	1.30E+00	4.80E+00
WD	LTW	L12653-02	6/28/2007	Ba-140	4.40E+00	2.70E+00	8.80E+00
WD	LTW	L12653-02	6/28/2007	Be-7	-3.60E+00	8.70E+00	3.20E+01
WD	LTW	L12653-02	6/28/2007	Ce-141	-2.20E+00	1.80E+00	6.50E+00
WD	LTW	L12653-02	6/28/2007	Ce-144	1.59E+01	5.50E+00	1.70E+01
WD	LTW	L12653-02	6/28/2007	Co-57	-6.10E-01	7.10E-01	2.50E+00
WD	LTW	L12653-02	6/28/2007	Co-58	-1.50E-01	9.60E-01	3.50E+00
WD	LTW	L12653-02	6/28/2007	Co-60	-2.90E+00	1.00E+00	4.60E+00
WD	LTW	L12653-02	6/28/2007	Cr-51	4.00E+00	1.20E+01	4.00E+01
WD	LTW	L12653-02	6/28/2007	Cs-134	3.10E-01	9.00E-01	3.20E+00
WD	LTW	L12653-02	6/28/2007	Cs-137	0.00E+00	1.00E+00	3.70E+00
WD	LTW	L12653-02	6/28/2007	Fe-59	1.70E+00	2.30E+00	8.20E+00
WD	LTW	L12653-02	6/28/2007	GROSS BETA	2.30E+00	1.00E+00	3.30E+00
WD	LTW	L12653-02	6/28/2007	I-131	1.20E-01	1.80E-01	7.60E-01
WD	LTW	L12653-02	6/28/2007	K-40	0.00E+00	1.40E+01	5.00E+01
WD	LTW	L12653-02	6/28/2007	La-140	5.00E+00	3.10E+00	1.00E+01
WD	LTW	L12653-02	6/28/2007	Mn-54	6.40E-01	9.50E-01	3.30E+00
WD	LTW	L12653-02	6/28/2007	Nb-95	1.00E-01	1.20E+00	4.30E+00
WD	LTW	L12653-02	6/28/2007	Ru-103	5.00E-01	1.20E+00	4.10E+00
WD	LTW	L12653-02	6/28/2007	Ru-106	-1.31E+01	8.90E+00	3.40E+01
WD	LTW	L12653-02	6/28/2007	Sb-124	1.60E+00	2.90E+00	1.00E+01
WD	LTW	L12653-02	6/28/2007	Sb-125	-2.80E+00	2.50E+00	9.20E+00
WD	LTW	L12653-02	6/28/2007	Se-75	3.10E+00	1.10E+00	3.30E+00
WD	LTW	L12653-02	6/28/2007	Zn-65	-9.00E-01	2.40E+00	8.80E+00
WD	LTW	L12653-02	6/28/2007	Zr-95	2.70E+00	1.80E+00	6.00E+00
WD	STJ	L12707-01	7/12/2007	AcTh-228	2.60E+00	3.10E+00	1.10E+01
WD	STJ	L12707-01	7/12/2007	Ag-108m	-7.30E-01	7.90E-01	2.80E+00
WD	STJ	L12707-01	7/12/2007	Ag-110m	-1.60E+00	1.20E+00	4.40E+00
WD	STJ	L12707-01	7/12/2007	Ba-140	2.00E+00	2.60E+00	8.90E+00
WD	STJ	L12707-01	7/12/2007	Be-7	4.90E+00	8.80E+00	3.00E+01
WD	STJ	L12707-01	7/12/2007	Ce-141	-3.00E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12707-01	7/12/2007	Ce-144	4.40E+00	5.20E+00	1.70E+01
WD	STJ	L12707-01	7/12/2007	Co-57	4.20E-01	6.50E-01	2.20E+00
WD	STJ	L12707-01	7/12/2007	Co-58	8.90E-01	9.10E-01	3.10E+00
WD	STJ	L12707-01	7/12/2007	Co-60	-3.60E-01	9.00E-01	3.30E+00
WD	STJ	L12707-01	7/12/2007	Cr-51	1.30E+01	1.10E+01	3.70E+01
WD	STJ	L12707-01	7/12/2007	Cs-134	6.40E-01	9.80E-01	3.30E+00
WD	STJ	L12707-01	7/12/2007	Cs-137	-5.50E-01	9.40E-01	3.30E+00
WD	STJ	L12707-01	7/12/2007	Fe-59	-1.10E+00	2.20E+00	8.00E+00
WD	STJ	L12707-01	7/12/2007	GROSS BETA	3.50E+00	1.10E+00	3.10E+00 *
WD	STJ	L12707-01	7/12/2007	I-131	-2.00E-02	1.30E-01	7.90E-01
WD	STJ	L12707-01	7/12/2007	K-40	1.00E+01	1.50E+01	5.20E+01
WD	STJ	L12707-01	7/12/2007	La-140	2.30E+00	3.00E+00	1.00E+01
WD	STJ	L12707-01	7/12/2007	Mn-54	-4.60E-01	8.90E-01	3.10E+00
WD	STJ	L12707-01	7/12/2007	Nb-95	1.00E+00	1.20E+00	4.10E+00
WD	STJ	L12707-01	7/12/2007	Ru-103	-5.00E-01	1.10E+00	3.70E+00
WD	STJ	L12707-01	7/12/2007	Ru-106	-1.05E+01	8.60E+00	3.10E+01
WD	STJ	L12707-01	7/12/2007	Sb-124	1.30E+00	2.40E+00	8.50E+00
WD	STJ	L12707-01	7/12/2007	Sb-125	-5.00E-01	2.40E+00	8.30E+00
WD	STJ	L12707-01	7/12/2007	Se-75	1.00E-01	1.10E+00	3.70E+00
WD	STJ	L12707-01	7/12/2007	Zn-65	-3.70E+00	2.10E+00	7.70E+00
WD	STJ	L12707-01	7/12/2007	Zr-95	-1.20E+00	1.80E+00	6.40E+00
WD	LTW	L12707-02	7/12/2007	AcTh-228	1.00E-01	5.40E+00	1.80E+01
WD	LTW	L12707-02	7/12/2007	Ag-108m	3.00E-02	6.40E-01	2.20E+00
WD	LTW	L12707-02	7/12/2007	Ag-110m	1.40E+00	1.10E+00	3.80E+00
WD	LTW	L12707-02	7/12/2007	Ba-140	-1.00E+00	2.80E+00	1.00E+01
WD	LTW	L12707-02	7/12/2007	Be-7	4.00E-01	7.50E+00	2.60E+01
WD	LTW	L12707-02	7/12/2007	Ce-141	4.00E-01	1.90E+00	6.40E+00
WD	LTW	L12707-02	7/12/2007	Ce-144	-5.00E+00	4.10E+00	1.40E+01
WD	LTW	L12707-02	7/12/2007	Co-57	-5.70E-01	5.10E-01	1.70E+00
WD	LTW	L12707-02	7/12/2007	Co-58	-2.30E-01	8.90E-01	3.10E+00
WD	LTW	L12707-02	7/12/2007	Co-60	8.00E-02	9.50E-01	3.30E+00
WD	LTW	L12707-02	7/12/2007	Cr-51	-1.25E+01	9.50E+00	3.30E+01
WD	LTW	L12707-02	7/12/2007	Cs-134	1.13E+00	8.60E-01	2.90E+00
WD	LTW	L12707-02	7/12/2007	Cs-137	-7.00E-01	8.60E-01	3.00E+00
WD	LTW	L12707-02	7/12/2007	Fe-59	1.10E+00	2.20E+00	7.60E+00
WD	LTW	L12707-02	7/12/2007	GROSS BETA	4.30E+00	1.20E+00	3.30E+00 *
WD	LTW	L12707-02	7/12/2007	I-131	0.00E+00	1.40E-01	8.40E-01
WD	LTW	L12707-02	7/12/2007	K-40	2.90E+01	1.80E+01	6.10E+01
WD	LTW	L12707-02	7/12/2007	La-140	-1.20E+00	3.30E+00	1.20E+01
WD	LTW	L12707-02	7/12/2007	Mn-54	2.40E-01	7.50E-01	2.60E+00
WD	LTW	L12707-02	7/12/2007	Nb-95	8.00E-01	1.10E+00	3.80E+00
WD	LTW	L12707-02	7/12/2007	Ru-103	-9.20E-01	9.90E-01	3.50E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12707-02	7/12/2007	Ru-106	9.40E+00	8.00E+00	2.70E+01
WD	LTW	L12707-02	7/12/2007	Sb-124	1.50E+00	2.60E+00	8.90E+00
WD	LTW	L12707-02	7/12/2007	Sb-125	-2.70E+00	2.00E+00	6.90E+00
WD	LTW	L12707-02	7/12/2007	Se-75	1.70E-01	8.90E-01	3.00E+00
WD	LTW	L12707-02	7/12/2007	Zn-65	-3.00E-01	1.80E+00	6.40E+00
WD	LTW	L12707-02	7/12/2007	Zr-95	8.00E-01	1.60E+00	5.30E+00
WD	STJ	L12773-01	7/26/2007	AcTh-228	3.80E+00	4.80E+00	1.70E+01
WD	STJ	L12773-01	7/26/2007	Ag-108m	6.00E-01	1.40E+00	5.10E+00
WD	STJ	L12773-01	7/26/2007	Ag-110m	9.00E-01	2.00E+00	7.40E+00
WD	STJ	L12773-01	7/26/2007	Ba-140	0.00E+00	2.30E+00	9.90E+00
WD	STJ	L12773-01	7/26/2007	Be-7	0.00E+00	1.30E+01	4.90E+01
WD	STJ	L12773-01	7/26/2007	Ce-141	-9.00E-01	2.80E+00	1.00E+01
WD	STJ	L12773-01	7/26/2007	Ce-144	8.50E+00	9.40E+00	3.20E+01
WD	STJ	L12773-01	7/26/2007	Co-57	2.00E-01	1.30E+00	4.70E+00
WD	STJ	L12773-01	7/26/2007	Co-58	-7.00E-01	1.60E+00	6.40E+00
WD	STJ	L12773-01	7/26/2007	Co-60	-1.20E+00	2.00E+00	8.00E+00
WD	STJ	L12773-01	7/26/2007	Cr-51	9.00E+00	1.60E+01	5.70E+01
WD	STJ	L12773-01	7/26/2007	Cs-134	-7.00E-01	1.40E+00	5.80E+00
WD	STJ	L12773-01	7/26/2007	Cs-137	-1.20E+00	1.30E+00	5.70E+00
WD	STJ	L12773-01	7/26/2007	Fe-59	-2.00E-01	3.90E+00	1.50E+01
WD	STJ	L12773-01	7/26/2007	GROSS BETA	2.40E+00	1.10E+00	3.40E+00
WD	STJ	L12773-01	7/26/2007	I-131	5.80E-01	2.90E-01	6.50E-01
WD	STJ	L12773-01	7/26/2007	K-40	-1.70E+01	2.00E+01	8.20E+01
WD	STJ	L12773-01	7/26/2007	La-140	0.00E+00	2.60E+00	1.10E+01
WD	STJ	L12773-01	7/26/2007	Mn-54	-6.00E-01	1.60E+00	6.40E+00
WD	STJ	L12773-01	7/26/2007	Nb-95	-1.20E+00	1.90E+00	7.60E+00
WD	STJ	L12773-01	7/26/2007	Ru-103	-4.40E+00	2.30E+00	9.20E+00
WD	STJ	L12773-01	7/26/2007	Ru-106	-5.00E+00	1.30E+01	5.10E+01
WD	STJ	L12773-01	7/26/2007	Sb-124	1.20E+00	3.80E+00	1.50E+01
WD	STJ	L12773-01	7/26/2007	Sb-125	-1.30E+00	4.00E+00	1.50E+01
WD	STJ	L12773-01	7/26/2007	Se-75	2.70E+00	2.00E+00	6.80E+00
WD	STJ	L12773-01	7/26/2007	Zn-65	-1.00E-01	3.40E+00	1.30E+01
WD	STJ	L12773-01	7/26/2007	Zr-95	-1.80E+00	2.90E+00	1.20E+01
WD	LTW	L12773-02	7/26/2007	AcTh-228	-3.70E+00	4.70E+00	1.90E+01
WD	LTW	L12773-02	7/26/2007	Ag-108m	-1.10E+00	1.10E+00	4.10E+00
WD	LTW	L12773-02	7/26/2007	Ag-110m	2.20E+00	1.70E+00	5.70E+00
WD	LTW	L12773-02	7/26/2007	Ba-140	-1.50E+00	2.90E+00	1.20E+01
WD	LTW	L12773-02	7/26/2007	Be-7	3.00E+00	1.10E+01	3.90E+01
WD	LTW	L12773-02	7/26/2007	Ce-141	-4.20E+00	2.50E+00	9.00E+00
WD	LTW	L12773-02	7/26/2007	Ce-144	5.00E-01	7.50E+00	2.60E+01
WD	LTW	L12773-02	7/26/2007	Co-57	-5.80E-01	9.80E-01	3.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12773-02	7/26/2007	Co-58	2.00E-01	1.40E+00	5.10E+00
WD	LTW	L12773-02	7/26/2007	Co-60	-2.20E+00	1.70E+00	7.00E+00
WD	LTW	L12773-02	7/26/2007	Cr-51	1.40E+01	1.20E+01	4.20E+01
WD	LTW	L12773-02	7/26/2007	Cs-134	7.00E-01	1.10E+00	4.10E+00
WD	LTW	L12773-02	7/26/2007	Cs-137	2.70E+00	1.40E+00	4.30E+00
WD	LTW	L12773-02	7/26/2007	Fe-59	-4.80E+00	2.80E+00	1.30E+01
WD	LTW	L12773-02	7/26/2007	GROSS BETA	2.60E+00	1.00E+00	3.10E+00
WD	LTW	L12773-02	7/26/2007	I-131	2.00E-01	2.00E-01	7.40E-01
WD	LTW	L12773-02	7/26/2007	K-40	6.00E+00	2.10E+01	7.60E+01
WD	LTW	L12773-02	7/26/2007	La-140	-1.70E+00	3.40E+00	1.40E+01
WD	LTW	L12773-02	7/26/2007	Mn-54	1.20E+00	1.20E+00	4.30E+00
WD	LTW	L12773-02	7/26/2007	Nb-95	2.00E-01	1.60E+00	6.00E+00
WD	LTW	L12773-02	7/26/2007	Ru-103	-3.00E+00	1.70E+00	6.60E+00
WD	LTW	L12773-02	7/26/2007	Ru-106	-1.06E+01	8.70E+00	3.70E+01
WD	LTW	L12773-02	7/26/2007	Sb-124	-1.90E+00	3.80E+00	1.60E+01
WD	LTW	L12773-02	7/26/2007	Sb-125	-4.00E-01	3.40E+00	1.20E+01
WD	LTW	L12773-02	7/26/2007	Se-75	4.00E-01	1.40E+00	4.90E+00
WD	LTW	L12773-02	7/26/2007	Zn-65	-8.50E+00	3.10E+00	1.40E+01
WD	LTW	L12773-02	7/26/2007	Zr-95	-1.90E+00	2.40E+00	9.70E+00
WD	STJ	L12842-01	8/9/2007	AcTh-228	-1.90E+00	6.30E+00	2.20E+01
WD	STJ	L12842-01	8/9/2007	Ag-108m	-3.00E-01	1.30E+00	4.60E+00
WD	STJ	L12842-01	8/9/2007	Ag-110m	-2.00E-01	1.80E+00	6.60E+00
WD	STJ	L12842-01	8/9/2007	Ba-140	1.20E+00	2.40E+00	8.50E+00
WD	STJ	L12842-01	8/9/2007	Be-7	1.10E+01	1.30E+01	4.50E+01
WD	STJ	L12842-01	8/9/2007	Ce-141	7.00E-01	2.40E+00	8.20E+00
WD	STJ	L12842-01	8/9/2007	Ce-144	-3.20E+00	7.10E+00	2.50E+01
WD	STJ	L12842-01	8/9/2007	Co-57	-7.60E-01	9.60E-01	3.40E+00
WD	STJ	L12842-01	8/9/2007	Co-58	0.00E+00	1.40E+00	5.10E+00
WD	STJ	L12842-01	8/9/2007	Co-60	-2.20E+00	1.30E+00	5.20E+00
WD	STJ	L12842-01	8/9/2007	Cr-51	-5.00E+00	1.40E+01	4.90E+01
WD	STJ	L12842-01	8/9/2007	Cs-134	3.00E-01	1.50E+00	5.20E+00
WD	STJ	L12842-01	8/9/2007	Cs-137	1.00E-01	1.40E+00	5.00E+00
WD	STJ	L12842-01	8/9/2007	Fe-59	-3.10E+00	3.20E+00	1.20E+01
WD	STJ	L12842-01	8/9/2007	GROSS BETA	4.30E+00	1.10E+00	3.20E+00 *
WD	STJ	L12842-01	8/9/2007	I-131	-8.10E-02	1.40E-02	5.50E-01
WD	STJ	L12842-01	8/9/2007	K-40	4.00E+00	2.20E+01	7.60E+01
WD	STJ	L12842-01	8/9/2007	La-140	1.30E+00	2.70E+00	9.70E+00
WD	STJ	L12842-01	8/9/2007	Mn-54	-1.60E+00	1.30E+00	5.00E+00
WD	STJ	L12842-01	8/9/2007	Nb-95	2.00E-01	1.50E+00	5.50E+00
WD	STJ	L12842-01	8/9/2007	Ru-103	8.00E-01	1.60E+00	5.60E+00
WD	STJ	L12842-01	8/9/2007	Ru-106	-9.00E+00	1.20E+01	4.50E+01
WD	STJ	L12842-01	8/9/2007	Sb-124	-1.10E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12842-01	8/9/2007	Sb-125	-5.10E+00	3.60E+00	1.30E+01
WD	STJ	L12842-01	8/9/2007	Se-75	2.50E+00	1.80E+00	5.80E+00
WD	STJ	L12842-01	8/9/2007	Zn-65	-3.10E+00	2.80E+00	1.10E+01
WD	STJ	L12842-01	8/9/2007	Zr-95	-5.00E-01	2.40E+00	8.80E+00
WD	LTW	L12842-02	8/9/2007	AcTh-228	1.54E+01	4.80E+00	1.40E+01 *
WD	LTW	L12842-02	8/9/2007	Ag-108m	1.80E+00	1.10E+00	3.50E+00
WD	LTW	L12842-02	8/9/2007	Ag-110m	-1.50E+00	1.80E+00	6.70E+00
WD	LTW	L12842-02	8/9/2007	Ba-140	3.00E-01	2.50E+00	9.00E+00
WD	LTW	L12842-02	8/9/2007	Be-7	1.50E+01	1.20E+01	3.90E+01
WD	LTW	L12842-02	8/9/2007	Ce-141	-5.90E+00	2.80E+00	1.00E+01
WD	LTW	L12842-02	8/9/2007	Ce-144	7.60E+00	7.20E+00	2.40E+01
WD	LTW	L12842-02	8/9/2007	Co-57	-4.80E-01	9.30E-01	3.20E+00
WD	LTW	L12842-02	8/9/2007	Co-58	-4.00E-01	1.20E+00	4.30E+00
WD	LTW	L12842-02	8/9/2007	Co-60	-1.10E+00	1.50E+00	5.60E+00
WD	LTW	L12842-02	8/9/2007	Cr-51	-6.00E+00	1.20E+01	4.40E+01
WD	LTW	L12842-02	8/9/2007	Cs-134	1.80E+00	1.30E+00	4.20E+00
WD	LTW	L12842-02	8/9/2007	Cs-137	-2.00E+00	1.30E+00	5.00E+00
WD	LTW	L12842-02	8/9/2007	Fe-59	1.50E+00	3.10E+00	1.10E+01
WD	LTW	L12842-02	8/9/2007	GROSS BETA	1.26E+00	9.20E-01	3.00E+00
WD	LTW	L12842-02	8/9/2007	I-131	-1.17E-01	1.80E-02	6.60E-01
WD	LTW	L12842-02	8/9/2007	K-40	-5.00E+00	2.10E+01	7.50E+01
WD	LTW	L12842-02	8/9/2007	La-140	4.00E-01	2.90E+00	1.00E+01
WD	LTW	L12842-02	8/9/2007	Mn-54	8.00E-01	1.30E+00	4.50E+00
WD	LTW	L12842-02	8/9/2007	Nb-95	3.00E-01	1.30E+00	4.60E+00
WD	LTW	L12842-02	8/9/2007	Ru-103	-1.10E+00	1.40E+00	5.20E+00
WD	LTW	L12842-02	8/9/2007	Ru-106	-1.00E+01	1.20E+01	4.50E+01
WD	LTW	L12842-02	8/9/2007	Sb-124	-2.40E+00	3.80E+00	1.40E+01
WD	LTW	L12842-02	8/9/2007	Sb-125	-1.20E+00	3.10E+00	1.10E+01
WD	LTW	L12842-02	8/9/2007	Se-75	2.10E+00	1.40E+00	4.70E+00
WD	LTW	L12842-02	8/9/2007	Zn-65	2.70E+00	2.70E+00	9.20E+00
WD	LTW	L12842-02	8/9/2007	Zr-95	5.00E-01	2.40E+00	8.40E+00
WD	STJ	L12910-01	8/23/2007	AcTh-228	5.80E+00	2.50E+00	8.00E+00
WD	STJ	L12910-01	8/23/2007	Ag-108m	1.20E-01	5.90E-01	2.00E+00
WD	STJ	L12910-01	8/23/2007	Ag-110m	6.00E-02	9.10E-01	3.10E+00
WD	STJ	L12910-01	8/23/2007	Ba-140	-2.00E+00	2.20E+00	8.00E+00
WD	STJ	L12910-01	8/23/2007	Be-7	1.36E+01	6.90E+00	2.20E+01
WD	STJ	L12910-01	8/23/2007	Ce-141	1.80E+00	1.30E+00	4.40E+00
WD	STJ	L12910-01	8/23/2007	Ce-144	-4.20E+00	4.00E+00	1.40E+01
WD	STJ	L12910-01	8/23/2007	Co-57	4.60E-01	5.20E-01	1.70E+00
WD	STJ	L12910-01	8/23/2007	Co-58	2.70E-01	7.50E-01	2.60E+00
WD	STJ	L12910-01	8/23/2007	Co-60	8.10E-01	7.40E-01	2.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L12910-01	8/23/2007	Cr-51	-2.00E-01	9.10E+00	3.10E+01
WD	STJ	L12910-01	8/23/2007	Cs-134	-8.20E-01	7.20E-01	2.60E+00
WD	STJ	L12910-01	8/23/2007	Cs-137	1.25E+00	7.20E-01	2.40E+00
WD	STJ	L12910-01	8/23/2007	Fe-59	-9.00E-01	1.70E+00	6.00E+00
WD	STJ	L12910-01	8/23/2007	GROSS BETA	3.00E+00	1.00E+00	3.10E+00
WD	STJ	L12910-01	8/23/2007	I-131	-5.90E-02	8.80E-02	6.00E-01
WD	STJ	L12910-01	8/23/2007	K-40	2.00E+00	1.40E+01	4.60E+01
WD	STJ	L12910-01	8/23/2007	La-140	-2.30E+00	2.50E+00	9.20E+00
WD	STJ	L12910-01	8/23/2007	Mn-54	-1.10E+00	7.00E-01	2.50E+00
WD	STJ	L12910-01	8/23/2007	Nb-95	2.70E-01	9.80E-01	3.30E+00
WD	STJ	L12910-01	8/23/2007	Ru-103	-3.20E+00	1.00E+00	3.70E+00
WD	STJ	L12910-01	8/23/2007	Ru-106	-6.30E+00	6.40E+00	2.30E+01
WD	STJ	L12910-01	8/23/2007	Sb-124	3.60E+00	1.90E+00	6.20E+00
WD	STJ	L12910-01	8/23/2007	Sb-125	1.50E+00	1.80E+00	6.10E+00
WD	STJ	L12910-01	8/23/2007	Se-75	2.11E+00	8.60E-01	2.80E+00
WD	STJ	L12910-01	8/23/2007	Zn-65	1.60E+00	1.50E+00	5.00E+00
WD	STJ	L12910-01	8/23/2007	Zr-95	1.70E+00	1.50E+00	4.90E+00
WD	LTW	L12910-02	8/23/2007	AcTh-228	3.90E+00	6.10E+00	2.00E+01
WD	LTW	L12910-02	8/23/2007	Ag-108m	2.07E+00	7.50E-01	2.40E+00
WD	LTW	L12910-02	8/23/2007	Ag-110m	-7.00E-01	1.40E+00	4.80E+00
WD	LTW	L12910-02	8/23/2007	Ba-140	-1.90E+00	3.40E+00	1.30E+01
WD	LTW	L12910-02	8/23/2007	Be-7	-1.60E+00	8.30E+00	2.90E+01
WD	LTW	L12910-02	8/23/2007	Ce-141	4.00E-01	1.60E+00	5.30E+00
WD	LTW	L12910-02	8/23/2007	Ce-144	-1.06E+01	3.80E+00	1.40E+01
WD	LTW	L12910-02	8/23/2007	Co-57	1.56E+00	9.30E-01	3.10E+00
WD	LTW	L12910-02	8/23/2007	Co-58	0.00E+00	2.00E+00	7.50E+00
WD	LTW	L12910-02	8/23/2007	Co-60	4.00E-01	1.00E+00	3.60E+00
WD	LTW	L12910-02	8/23/2007	Cr-51	-2.00E+01	1.00E+01	3.60E+01
WD	LTW	L12910-02	8/23/2007	Cs-134	1.00E-01	1.00E+00	3.70E+00
WD	LTW	L12910-02	8/23/2007	Cs-137	1.30E-01	8.00E-01	2.80E+00
WD	LTW	L12910-02	8/23/2007	Fe-59	4.20E+00	2.60E+00	8.50E+00
WD	LTW	L12910-02	8/23/2007	GROSS BETA	2.25E+00	9.10E-01	2.80E+00
WD	LTW	L12910-02	8/23/2007	I-131	2.50E-01	2.10E-01	7.00E-01
WD	LTW	L12910-02	8/23/2007	K-40	5.90E+01	1.20E+01	3.40E+01 *
WD	LTW	L12910-02	8/23/2007	La-140	-2.10E+00	3.90E+00	1.40E+01
WD	LTW	L12910-02	8/23/2007	Mn-54	-1.26E+00	9.50E-01	3.50E+00
WD	LTW	L12910-02	8/23/2007	Nb-95	2.30E+00	1.40E+00	4.60E+00
WD	LTW	L12910-02	8/23/2007	Ru-103	-1.00E+00	1.20E+00	4.10E+00
WD	LTW	L12910-02	8/23/2007	Ru-106	1.70E+00	7.90E+00	2.70E+01
WD	LTW	L12910-02	8/23/2007	Sb-124	-5.50E+00	2.80E+00	1.10E+01
WD	LTW	L12910-02	8/23/2007	Sb-125	2.60E+00	2.10E+00	8.30E+00
WD	LTW	L12910-02	8/23/2007	Se-75	-1.00E-01	1.40E+00	4.90E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12910-02	8/23/2007	Zn-65	-1.30E+00	2.10E+00	7.60E+00
WD	LTW	L12910-02	8/23/2007	Zr-95	-2.60E+00	1.90E+00	6.80E+00
WD	STJ	L12948-01	9/6/2007	AcTh-228	5.40E+00	5.00E+00	1.70E+01
WD	STJ	L12948-01	9/6/2007	Ag-108m	-5.00E-01	1.10E+00	3.90E+00
WD	STJ	L12948-01	9/6/2007	Ag-110m	1.90E+00	1.40E+00	4.80E+00
WD	STJ	L12948-01	9/6/2007	Ba-140	2.90E+00	2.50E+00	8.60E+00
WD	STJ	L12948-01	9/6/2007	Be-7	-1.30E+01	1.10E+01	4.20E+01
WD	STJ	L12948-01	9/6/2007	Ce-141	1.20E+00	2.10E+00	7.00E+00
WD	STJ	L12948-01	9/6/2007	Ce-144	3.80E+00	7.20E+00	2.40E+01
WD	STJ	L12948-01	9/6/2007	Co-57	1.98E+00	9.10E-01	2.90E+00
WD	STJ	L12948-01	9/6/2007	Co-58	4.00E-01	1.20E+00	4.20E+00
WD	STJ	L12948-01	9/6/2007	Co-60	-7.00E-01	1.30E+00	4.80E+00
WD	STJ	L12948-01	9/6/2007	Cr-51	5.00E+00	1.30E+01	4.50E+01
WD	STJ	L12948-01	9/6/2007	Cs-134	2.80E+00	1.40E+00	4.40E+00
WD	STJ	L12948-01	9/6/2007	Cs-137	-1.30E+00	1.30E+00	4.80E+00
WD	STJ	L12948-01	9/6/2007	Fe-59	4.00E-01	2.80E+00	1.00E+01
WD	STJ	L12948-01	9/6/2007	GROSS BETA	2.90E+00	1.00E+00	3.10E+00
WD	STJ	L12948-01	9/6/2007	I-131	-1.09E-01	1.90E-02	7.30E-01
WD	STJ	L12948-01	9/6/2007	K-40	3.10E+01	2.20E+01	7.40E+01
WD	STJ	L12948-01	9/6/2007	La-140	3.30E+00	2.90E+00	9.90E+00
WD	STJ	L12948-01	9/6/2007	Mn-54	1.10E+00	1.20E+00	4.00E+00
WD	STJ	L12948-01	9/6/2007	Nb-95	-2.10E+00	1.40E+00	5.50E+00
WD	STJ	L12948-01	9/6/2007	Ru-103	-2.60E+00	1.40E+00	5.20E+00
WD	STJ	L12948-01	9/6/2007	Ru-106	-8.00E+00	1.10E+01	4.10E+01
WD	STJ	L12948-01	9/6/2007	Sb-124	3.00E+00	2.60E+00	8.80E+00
WD	STJ	L12948-01	9/6/2007	Sb-125	4.80E+00	3.40E+00	1.10E+01
WD	STJ	L12948-01	9/6/2007	Se-75	-1.10E+00	1.40E+00	5.10E+00
WD	STJ	L12948-01	9/6/2007	Zn-65	1.70E+00	2.70E+00	9.40E+00
WD	STJ	L12948-01	9/6/2007	Zr-95	-2.00E-01	2.20E+00	7.90E+00
WD	LTW	L12948-02	9/6/2007	AcTh-228	1.05E+01	6.10E+00	2.00E+01
WD	LTW	L12948-02	9/6/2007	Ag-108m	-4.00E-01	1.50E+00	5.40E+00
WD	LTW	L12948-02	9/6/2007	Ag-110m	0.00E+00	2.00E+00	7.30E+00
WD	LTW	L12948-02	9/6/2007	Ba-140	-5.00E-01	2.40E+00	9.30E+00
WD	LTW	L12948-02	9/6/2007	Be-7	-1.90E+01	1.50E+01	5.50E+01
WD	LTW	L12948-02	9/6/2007	Ce-141	0.00E+00	2.70E+00	9.30E+00
WD	LTW	L12948-02	9/6/2007	Ce-144	-3.80E+00	9.70E+00	3.40E+01
WD	LTW	L12948-02	9/6/2007	Co-57	-4.00E-01	1.10E+00	3.80E+00
WD	LTW	L12948-02	9/6/2007	Co-58	2.00E-01	1.50E+00	5.50E+00
WD	LTW	L12948-02	9/6/2007	Co-60	1.10E+00	1.60E+00	5.70E+00
WD	LTW	L12948-02	9/6/2007	Cr-51	-7.00E+00	1.60E+01	5.70E+01
WD	LTW	L12948-02	9/6/2007	Cs-134	2.00E+00	1.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L12948-02	9/6/2007	Cs-137	-2.20E+00	1.50E+00	5.80E+00
WD	LTW	L12948-02	9/6/2007	Fe-59	-5.00E+00	3.60E+00	1.40E+01
WD	LTW	L12948-02	9/6/2007	GROSS BETA	5.20E+00	1.10E+00	3.00E+00 *
WD	LTW	L12948-02	9/6/2007	I-131	8.00E-02	1.90E-01	8.80E-01
WD	LTW	L12948-02	9/6/2007	K-40	-5.10E+01	2.10E+01	8.50E+01
WD	LTW	L12948-02	9/6/2007	La-140	-6.00E-01	2.70E+00	1.10E+01
WD	LTW	L12948-02	9/6/2007	Mn-54	2.00E-01	1.60E+00	5.60E+00
WD	LTW	L12948-02	9/6/2007	Nb-95	1.00E+00	2.00E+00	7.00E+00
WD	LTW	L12948-02	9/6/2007	Ru-103	-4.60E+00	1.90E+00	7.30E+00
WD	LTW	L12948-02	9/6/2007	Ru-106	-4.00E+00	1.40E+01	5.00E+01
WD	LTW	L12948-02	9/6/2007	Sb-124	4.00E+00	4.50E+00	1.50E+01
WD	LTW	L12948-02	9/6/2007	Sb-125	4.00E+00	3.90E+00	1.30E+01
WD	LTW	L12948-02	9/6/2007	Se-75	-2.90E+00	2.00E+00	7.30E+00
WD	LTW	L12948-02	9/6/2007	Zn-65	-5.00E-01	3.30E+00	1.20E+01
WD	LTW	L12948-02	9/6/2007	Zr-95	3.30E+00	3.10E+00	1.00E+01
WD	STJ	L13031-01	9/20/2007	AcTh-228	-5.00E-01	3.90E+00	1.60E+01
WD	STJ	L13031-01	9/20/2007	Ag-108m	9.00E-01	1.10E+00	3.90E+00
WD	STJ	L13031-01	9/20/2007	Ag-110m	4.00E-01	1.70E+00	6.60E+00
WD	STJ	L13031-01	9/20/2007	Ba-140	6.40E+00	3.20E+00	9.50E+00
WD	STJ	L13031-01	9/20/2007	Be-7	1.20E+01	1.10E+01	3.70E+01
WD	STJ	L13031-01	9/20/2007	Ce-141	-9.00E-01	2.90E+00	1.00E+01
WD	STJ	L13031-01	9/20/2007	Ce-144	-1.46E+01	9.50E+00	3.60E+01
WD	STJ	L13031-01	9/20/2007	Co-57	-1.10E+00	1.20E+00	4.40E+00
WD	STJ	L13031-01	9/20/2007	Co-58	3.00E-01	1.20E+00	4.80E+00
WD	STJ	L13031-01	9/20/2007	Co-60	-4.00E-01	1.40E+00	5.80E+00
WD	STJ	L13031-01	9/20/2007	Cr-51	4.00E+00	1.60E+01	5.80E+01
WD	STJ	L13031-01	9/20/2007	Cs-134	1.50E+00	1.30E+00	4.60E+00
WD	STJ	L13031-01	9/20/2007	Cs-137	8.00E-01	1.50E+00	5.30E+00
WD	STJ	L13031-01	9/20/2007	Fe-59	-1.00E+00	3.40E+00	1.30E+01
WD	STJ	L13031-01	9/20/2007	GROSS BETA	2.10E+00	1.00E+00	3.30E+00
WD	STJ	L13031-01	9/20/2007	I-131	-1.08E-01	1.90E-02	7.20E-01
WD	STJ	L13031-01	9/20/2007	K-40	1.50E+01	1.80E+01	6.40E+01
WD	STJ	L13031-01	9/20/2007	La-140	7.40E+00	3.70E+00	1.10E+01
WD	STJ	L13031-01	9/20/2007	Mn-54	-8.00E-01	1.30E+00	5.30E+00
WD	STJ	L13031-01	9/20/2007	Nb-95	-8.00E-01	1.50E+00	6.10E+00
WD	STJ	L13031-01	9/20/2007	Ru-103	1.70E+00	1.60E+00	5.50E+00
WD	STJ	L13031-01	9/20/2007	Ru-106	-9.00E+00	1.30E+01	5.10E+01
WD	STJ	L13031-01	9/20/2007	Sb-124	-6.20E+00	4.00E+00	1.80E+01
WD	STJ	L13031-01	9/20/2007	Sb-125	1.00E-01	3.80E+00	1.40E+01
WD	STJ	L13031-01	9/20/2007	Se-75	4.00E-01	1.70E+00	6.10E+00
WD	STJ	L13031-01	9/20/2007	Zn-65	1.60E+00	2.50E+00	9.40E+00
WD	STJ	L13031-01	9/20/2007	Zr-95	-5.00E-01	2.40E+00	9.50E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L13031-02	9/20/2007	AcTh-228	2.40E+00	3.40E+00	1.20E+01
WD	LTW	L13031-02	9/20/2007	Ag-108m	1.45E+00	9.50E-01	3.10E+00
WD	LTW	L13031-02	9/20/2007	Ag-110m	4.00E-01	1.50E+00	5.40E+00
WD	LTW	L13031-02	9/20/2007	Ba-140	-1.00E-01	2.60E+00	9.90E+00
WD	LTW	L13031-02	9/20/2007	Be-7	1.50E+01	9.40E+00	3.10E+01
WD	LTW	L13031-02	9/20/2007	Ce-141	2.80E+00	2.20E+00	7.20E+00
WD	LTW	L13031-02	9/20/2007	Ce-144	-8.30E+00	7.10E+00	2.60E+01
WD	LTW	L13031-02	9/20/2007	Co-57	1.53E+00	9.60E-01	3.20E+00
WD	LTW	L13031-02	9/20/2007	Co-58	5.00E-01	1.00E+00	3.60E+00
WD	LTW	L13031-02	9/20/2007	Co-60	-6.30E-01	8.60E-01	3.60E+00
WD	LTW	L13031-02	9/20/2007	Cr-51	1.80E+01	1.20E+01	4.10E+01
WD	LTW	L13031-02	9/20/2007	Cs-134	-5.20E-01	9.60E-01	3.80E+00
WD	LTW	L13031-02	9/20/2007	Cs-137	-8.00E-01	1.10E+00	4.20E+00
WD	LTW	L13031-02	9/20/2007	Fe-59	1.00E-01	2.20E+00	8.40E+00
WD	LTW	L13031-02	9/20/2007	GROSS BETA	1.00E-01	8.50E-01	3.10E+00
WD	LTW	L13031-02	9/20/2007	I-131	-8.00E-02	1.20E-01	8.20E-01
WD	LTW	L13031-02	9/20/2007	K-40	-1.40E+01	1.40E+01	5.40E+01
WD	LTW	L13031-02	9/20/2007	La-140	-2.00E-01	3.00E+00	1.10E+01
WD	LTW	L13031-02	9/20/2007	Mn-54	-1.50E+00	1.10E+00	4.20E+00
WD	LTW	L13031-02	9/20/2007	Nb-95	-5.00E-01	1.30E+00	4.80E+00
WD	LTW	L13031-02	9/20/2007	Ru-103	-8.00E-01	1.20E+00	4.70E+00
WD	LTW	L13031-02	9/20/2007	Ru-106	1.30E+00	9.50E+00	3.40E+01
WD	LTW	L13031-02	9/20/2007	Sb-124	1.90E+00	2.80E+00	1.00E+01
WD	LTW	L13031-02	9/20/2007	Sb-125	1.00E+00	2.80E+00	1.00E+01
WD	LTW	L13031-02	9/20/2007	Se-75	2.80E+00	1.40E+00	4.40E+00
WD	LTW	L13031-02	9/20/2007	Zn-65	-1.40E+00	2.10E+00	8.20E+00
WD	LTW	L13031-02	9/20/2007	Zr-95	2.40E+00	1.90E+00	6.30E+00
WD	STJ	L13080-01	10/4/2007	AcTh-228	-1.28E+01	7.60E+00	3.10E+01
WD	STJ	L13080-01	10/4/2007	Ag-108m	7.00E-01	1.60E+00	5.50E+00
WD	STJ	L13080-01	10/4/2007	Ag-110m	-1.20E+00	2.60E+00	1.00E+01
WD	STJ	L13080-01	10/4/2007	Ba-140	3.70E+00	2.90E+00	9.70E+00
WD	STJ	L13080-01	10/4/2007	Be-7	1.30E+01	1.60E+01	5.30E+01
WD	STJ	L13080-01	10/4/2007	Ce-141	4.20E+00	3.10E+00	1.00E+01
WD	STJ	L13080-01	10/4/2007	Ce-144	2.00E+00	1.10E+01	3.70E+01
WD	STJ	L13080-01	10/4/2007	Co-57	-9.00E-01	1.40E+00	5.10E+00
WD	STJ	L13080-01	10/4/2007	Co-58	2.00E+00	1.90E+00	6.50E+00
WD	STJ	L13080-01	10/4/2007	Co-60	4.00E-01	1.90E+00	7.10E+00
WD	STJ	L13080-01	10/4/2007	Cr-51	-1.60E+01	1.80E+01	6.60E+01
WD	STJ	L13080-01	10/4/2007	Cs-134	-6.00E-01	2.10E+00	7.90E+00
WD	STJ	L13080-01	10/4/2007	Cs-137	6.00E-01	2.00E+00	7.10E+00
WD	STJ	L13080-01	10/4/2007	Fe-59	3.30E+00	3.70E+00	1.30E+01
WD	STJ	L13080-01	10/4/2007	GROSS BETA	2.40E+00	1.00E+00	3.10E+00

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L13080-01	10/4/2007	I-131	1.60E-01	1.90E-01	7.80E-01
WD	STJ	L13080-01	10/4/2007	K-40	-3.20E+01	2.60E+01	1.00E+02
WD	STJ	L13080-01	10/4/2007	La-140	4.20E+00	3.30E+00	1.10E+01
WD	STJ	L13080-01	10/4/2007	Mn-54	1.90E+00	1.70E+00	5.90E+00
WD	STJ	L13080-01	10/4/2007	Nb-95	8.00E-01	2.30E+00	8.30E+00
WD	STJ	L13080-01	10/4/2007	Ru-103	-3.30E+00	2.20E+00	8.60E+00
WD	STJ	L13080-01	10/4/2007	Ru-106	3.70E+01	2.00E+01	6.40E+01
WD	STJ	L13080-01	10/4/2007	Sb-124	-7.30E+00	4.60E+00	2.00E+01
WD	STJ	L13080-01	10/4/2007	Sb-125	5.00E-01	5.00E+00	1.80E+01
WD	STJ	L13080-01	10/4/2007	Se-75	1.80E+00	2.20E+00	7.40E+00
WD	STJ	L13080-01	10/4/2007	Zn-65	-1.50E+00	4.30E+00	1.60E+01
WD	STJ	L13080-01	10/4/2007	Zr-95	7.00E+00	3.40E+00	1.10E+01
WD	LTW	L13080-02	10/4/2007	AcTh-228	4.80E+00	7.60E+00	2.60E+01
WD	LTW	L13080-02	10/4/2007	Ag-108m	2.20E+00	1.50E+00	5.00E+00
WD	LTW	L13080-02	10/4/2007	Ag-110m	-5.00E-01	2.40E+00	8.60E+00
WD	LTW	L13080-02	10/4/2007	Ba-140	1.40E+00	3.30E+00	1.20E+01
WD	LTW	L13080-02	10/4/2007	Be-7	-1.90E+01	1.70E+01	6.20E+01
WD	LTW	L13080-02	10/4/2007	Ce-141	-6.90E+00	3.20E+00	1.10E+01
WD	LTW	L13080-02	10/4/2007	Ce-144	-3.00E-01	9.40E+00	3.20E+01
WD	LTW	L13080-02	10/4/2007	Co-57	2.00E-01	1.20E+00	4.00E+00
WD	LTW	L13080-02	10/4/2007	Co-58	-2.50E+00	1.90E+00	7.00E+00
WD	LTW	L13080-02	10/4/2007	Co-60	-1.00E+00	1.70E+00	6.50E+00
WD	LTW	L13080-02	10/4/2007	Cr-51	-2.50E+01	1.70E+01	6.20E+01
WD	LTW	L13080-02	10/4/2007	Cs-134	2.60E+00	1.90E+00	6.50E+00
WD	LTW	L13080-02	10/4/2007	Cs-137	-3.30E+00	1.80E+00	6.80E+00
WD	LTW	L13080-02	10/4/2007	Fe-59	1.10E+00	3.80E+00	1.40E+01
WD	LTW	L13080-02	10/4/2007	GROSS BETA	1.70E+00	1.00E+00	3.30E+00
WD	LTW	L13080-02	10/4/2007	I-131	2.00E-02	1.40E-01	7.70E-01
WD	LTW	L13080-02	10/4/2007	K-40	-7.00E+00	2.40E+01	8.60E+01
WD	LTW	L13080-02	10/4/2007	La-140	1.70E+00	3.80E+00	1.40E+01
WD	LTW	L13080-02	10/4/2007	Mn-54	-7.00E-01	1.60E+00	5.90E+00
WD	LTW	L13080-02	10/4/2007	Nb-95	3.90E+00	3.30E+00	1.10E+01
WD	LTW	L13080-02	10/4/2007	Ru-103	2.00E+00	2.10E+00	7.00E+00
WD	LTW	L13080-02	10/4/2007	Ru-106	-1.10E+01	1.60E+01	5.80E+01
WD	LTW	L13080-02	10/4/2007	Sb-124	0.00E+00	3.50E+00	1.30E+01
WD	LTW	L13080-02	10/4/2007	Sb-125	-6.00E+00	4.70E+00	1.70E+01
WD	LTW	L13080-02	10/4/2007	Se-75	1.40E+00	2.20E+00	7.50E+00
WD	LTW	L13080-02	10/4/2007	Zn-65	1.19E+01	7.20E+00	2.40E+01
WD	LTW	L13080-02	10/4/2007	Zr-95	-1.30E+00	3.10E+00	1.10E+01
WD	STJ	L13144-01	10/18/2007	AcTh-228	6.80E+00	7.10E+00	2.40E+01
WD	STJ	L13144-01	10/18/2007	Ag-108m	6.00E-01	1.60E+00	5.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L13144-01	10/18/2007	Ag-110m	9.00E-01	2.20E+00	7.80E+00
WD	STJ	L13144-01	10/18/2007	Ba-140	2.00E+00	3.70E+00	1.30E+01
WD	STJ	L13144-01	10/18/2007	Be-7	2.10E+01	1.70E+01	5.60E+01
WD	STJ	L13144-01	10/18/2007	Ce-141	-4.10E+00	3.10E+00	1.10E+01
WD	STJ	L13144-01	10/18/2007	Ce-144	-3.70E+00	9.30E+00	3.30E+01
WD	STJ	L13144-01	10/18/2007	Co-57	3.00E-01	1.20E+00	4.00E+00
WD	STJ	L13144-01	10/18/2007	Co-58	-1.20E+00	1.70E+00	6.40E+00
WD	STJ	L13144-01	10/18/2007	Co-60	1.00E+00	1.60E+00	5.70E+00
WD	STJ	L13144-01	10/18/2007	Cr-51	3.80E+01	1.70E+01	5.30E+01
WD	STJ	L13144-01	10/18/2007	Cs-134	2.20E+00	1.50E+00	5.00E+00
WD	STJ	L13144-01	10/18/2007	Cs-137	1.90E+00	1.70E+00	5.70E+00
WD	STJ	L13144-01	10/18/2007	Fe-59	1.50E+00	3.70E+00	1.30E+01
WD	STJ	L13144-01	10/18/2007	GROSS BETA	4.00E+00	1.10E+00	3.30E+00 *
WD	STJ	L13144-01	10/18/2007	I-131	1.30E-01	1.60E-01	6.50E-01
WD	STJ	L13144-01	10/18/2007	K-40	-2.70E+01	2.30E+01	8.80E+01
WD	STJ	L13144-01	10/18/2007	La-140	2.00E+00	3.70E+00	1.30E+01
WD	STJ	L13144-01	10/18/2007	Mn-54	-4.00E-01	1.60E+00	5.80E+00
WD	STJ	L13144-01	10/18/2007	Nb-95	-2.00E+00	2.10E+00	8.00E+00
WD	STJ	L13144-01	10/18/2007	Ru-103	7.00E-01	2.20E+00	7.50E+00
WD	STJ	L13144-01	10/18/2007	Ru-106	1.00E+00	1.60E+01	5.80E+01
WD	STJ	L13144-01	10/18/2007	Sb-124	-1.60E+00	3.70E+00	1.50E+01
WD	STJ	L13144-01	10/18/2007	Sb-125	5.90E+00	4.20E+00	1.40E+01
WD	STJ	L13144-01	10/18/2007	Se-75	2.40E+00	2.20E+00	7.40E+00
WD	STJ	L13144-01	10/18/2007	Zn-65	-3.60E+00	4.30E+00	1.60E+01
WD	STJ	L13144-01	10/18/2007	Zr-95	-2.00E+00	3.30E+00	1.20E+01
WD	LTW	L13144-02	10/18/2007	AcTh-228	2.70E+00	5.40E+00	1.90E+01
WD	LTW	L13144-02	10/18/2007	Ag-108m	-1.30E+00	1.30E+00	4.50E+00
WD	LTW	L13144-02	10/18/2007	Ag-110m	-1.00E+00	1.90E+00	6.90E+00
WD	LTW	L13144-02	10/18/2007	Ba-140	-3.10E+00	2.60E+00	1.10E+01
WD	LTW	L13144-02	10/18/2007	Be-7	-9.00E+00	1.30E+01	4.60E+01
WD	LTW	L13144-02	10/18/2007	Ce-141	-2.00E-01	2.60E+00	8.90E+00
WD	LTW	L13144-02	10/18/2007	Ce-144	5.30E+00	7.50E+00	2.50E+01
WD	LTW	L13144-02	10/18/2007	Co-57	2.16E+00	9.40E-01	3.00E+00
WD	LTW	L13144-02	10/18/2007	Co-58	2.20E+00	1.40E+00	4.50E+00
WD	LTW	L13144-02	10/18/2007	Co-60	-1.20E+00	1.30E+00	5.20E+00
WD	LTW	L13144-02	10/18/2007	Cr-51	2.70E+01	1.30E+01	4.10E+01
WD	LTW	L13144-02	10/18/2007	Cs-134	1.90E+00	1.40E+00	4.60E+00
WD	LTW	L13144-02	10/18/2007	Cs-137	-1.10E+00	1.30E+00	4.90E+00
WD	LTW	L13144-02	10/18/2007	Fe-59	-4.40E+00	3.40E+00	1.30E+01
WD	LTW	L13144-02	10/18/2007	GROSS BETA	3.70E+00	1.00E+00	3.00E+00 *
WD	LTW	L13144-02	10/18/2007	I-131	-1.20E-02	9.90E-02	6.10E-01
WD	LTW	L13144-02	10/18/2007	K-40	3.10E+01	1.70E+01	5.60E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L13144-02	10/18/2007	La-140	-3.10E+00	2.60E+00	1.10E+01
WD	LTW	L13144-02	10/18/2007	Mn-54	-3.00E-01	1.30E+00	4.60E+00
WD	LTW	L13144-02	10/18/2007	Nb-95	1.00E+00	1.60E+00	5.50E+00
WD	LTW	L13144-02	10/18/2007	Ru-103	-7.00E-01	1.60E+00	5.60E+00
WD	LTW	L13144-02	10/18/2007	Ru-106	-2.40E+01	1.30E+01	5.00E+01
WD	LTW	L13144-02	10/18/2007	Sb-124	1.60E+00	2.70E+00	9.90E+00
WD	LTW	L13144-02	10/18/2007	Sb-125	-3.00E-01	3.90E+00	1.40E+01
WD	LTW	L13144-02	10/18/2007	Se-75	-2.80E+00	1.80E+00	6.60E+00
WD	LTW	L13144-02	10/18/2007	Zn-65	-1.50E+00	3.10E+00	1.10E+01
WD	LTW	L13144-02	10/18/2007	Zr-95	3.20E+00	2.70E+00	8.90E+00
WD	STJ	L13212-01	11/1/2007	AcTh-228	8.70E+00	5.60E+00	1.90E+01
WD	STJ	L13212-01	11/1/2007	Ag-108m	1.20E+00	1.30E+00	4.40E+00
WD	STJ	L13212-01	11/1/2007	Ag-110m	2.00E-01	1.90E+00	6.80E+00
WD	STJ	L13212-01	11/1/2007	Ba-140	4.00E+00	2.80E+00	9.50E+00
WD	STJ	L13212-01	11/1/2007	Be-7	1.50E+01	1.30E+01	4.30E+01
WD	STJ	L13212-01	11/1/2007	Ce-141	4.10E+00	2.50E+00	8.40E+00
WD	STJ	L13212-01	11/1/2007	Ce-144	4.60E+00	8.00E+00	2.70E+01
WD	STJ	L13212-01	11/1/2007	Co-57	-1.66E+00	9.90E-01	3.60E+00
WD	STJ	L13212-01	11/1/2007	Co-58	-2.30E+00	1.50E+00	5.70E+00
WD	STJ	L13212-01	11/1/2007	Co-60	7.00E-01	1.30E+00	4.80E+00
WD	STJ	L13212-01	11/1/2007	Cr-51	-1.60E+01	1.50E+01	5.20E+01
WD	STJ	L13212-01	11/1/2007	Cs-134	4.40E+00	1.50E+00	4.50E+00
WD	STJ	L13212-01	11/1/2007	Cs-137	-3.40E+00	1.40E+00	5.60E+00
WD	STJ	L13212-01	11/1/2007	Fe-59	-2.10E+00	2.90E+00	1.10E+01
WD	STJ	L13212-01	11/1/2007	GROSS BETA	3.00E+00	1.00E+00	3.00E+00
WD	STJ	L13212-01	11/1/2007	I-131	4.00E-02	1.60E-01	8.00E-01
WD	STJ	L13212-01	11/1/2007	K-40	-1.20E+01	2.40E+01	8.50E+01
WD	STJ	L13212-01	11/1/2007	La-140	4.00E+00	2.80E+00	9.50E+00
WD	STJ	L13212-01	11/1/2007	Mn-54	-3.60E+00	1.40E+00	5.70E+00
WD	STJ	L13212-01	11/1/2007	Nb-95	-1.50E+00	1.80E+00	6.50E+00
WD	STJ	L13212-01	11/1/2007	Ru-103	-3.60E+00	1.70E+00	6.50E+00
WD	STJ	L13212-01	11/1/2007	Ru-106	0.00E+00	1.30E+01	4.60E+01
WD	STJ	L13212-01	11/1/2007	Sb-124	-3.80E+00	3.30E+00	1.30E+01
WD	STJ	L13212-01	11/1/2007	Sb-125	1.50E+00	3.50E+00	1.20E+01
WD	STJ	L13212-01	11/1/2007	Se-75	-6.00E-01	1.90E+00	6.50E+00
WD	STJ	L13212-01	11/1/2007	Zn-65	6.00E+00	3.10E+00	9.90E+00
WD	STJ	L13212-01	11/1/2007	Zr-95	-3.20E+00	2.50E+00	9.60E+00
WD	LTW	L13212-02	11/1/2007	AcTh-228	5.30E+00	6.60E+00	2.30E+01
WD	LTW	L13212-02	11/1/2007	Ag-108m	1.60E+00	1.10E+00	3.50E+00
WD	LTW	L13212-02	11/1/2007	Ag-110m	-4.50E+00	1.90E+00	7.40E+00
WD	LTW	L13212-02	11/1/2007	Ba-140	4.20E+00	3.10E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L13212-02	11/1/2007	Be-7	3.00E+00	1.10E+01	3.80E+01
WD	LTW	L13212-02	11/1/2007	Ce-141	1.00E-01	1.90E+00	6.60E+00
WD	LTW	L13212-02	11/1/2007	Ce-144	4.40E+00	7.40E+00	2.50E+01
WD	LTW	L13212-02	11/1/2007	Co-57	7.00E-01	1.00E+00	3.40E+00
WD	LTW	L13212-02	11/1/2007	Co-58	-7.00E-01	1.30E+00	4.80E+00
WD	LTW	L13212-02	11/1/2007	Co-60	-6.00E-01	1.60E+00	5.90E+00
WD	LTW	L13212-02	11/1/2007	Cr-51	4.00E+00	1.40E+01	4.80E+01
WD	LTW	L13212-02	11/1/2007	Cs-134	1.00E-01	1.60E+00	5.70E+00
WD	LTW	L13212-02	11/1/2007	Cs-137	-3.00E-01	1.20E+00	4.30E+00
WD	LTW	L13212-02	11/1/2007	Fe-59	3.40E+00	2.80E+00	9.50E+00
WD	LTW	L13212-02	11/1/2007	GROSS BETA	1.36E+00	9.10E-01	3.00E+00
WD	LTW	L13212-02	11/1/2007	I-131	-1.94E-01	2.60E-02	8.10E-01
WD	LTW	L13212-02	11/1/2007	K-40	-1.10E+01	2.20E+01	7.80E+01
WD	LTW	L13212-02	11/1/2007	La-140	4.20E+00	3.10E+00	1.00E+01
WD	LTW	L13212-02	11/1/2007	Mn-54	3.00E-01	1.30E+00	4.70E+00
WD	LTW	L13212-02	11/1/2007	Nb-95	3.40E+00	2.00E+00	6.70E+00
WD	LTW	L13212-02	11/1/2007	Ru-103	-1.40E+00	1.50E+00	5.50E+00
WD	LTW	L13212-02	11/1/2007	Ru-106	-1.60E+01	1.20E+01	4.40E+01
WD	LTW	L13212-02	11/1/2007	Sb-124	5.00E-01	3.10E+00	1.10E+01
WD	LTW	L13212-02	11/1/2007	Sb-125	4.10E+00	3.40E+00	1.10E+01
WD	LTW	L13212-02	11/1/2007	Se-75	-1.50E+00	1.60E+00	5.80E+00
WD	LTW	L13212-02	11/1/2007	Zn-65	-7.70E+00	3.30E+00	1.30E+01
WD	LTW	L13212-02	11/1/2007	Zr-95	-2.00E-01	2.60E+00	9.10E+00
WD	STJ	L13272-01	11/15/2007	AcTh-228	1.40E+00	3.90E+00	1.40E+01
WD	STJ	L13272-01	11/15/2007	Ag-108m	-5.00E-01	8.40E-01	3.10E+00
WD	STJ	L13272-01	11/15/2007	Ag-110m	0.00E+00	1.20E+00	4.40E+00
WD	STJ	L13272-01	11/15/2007	Ba-140	-9.00E-01	2.40E+00	9.20E+00
WD	STJ	L13272-01	11/15/2007	Be-7	1.30E+01	1.00E+01	3.40E+01
WD	STJ	L13272-01	11/15/2007	Ce-141	2.30E+00	2.10E+00	7.10E+00
WD	STJ	L13272-01	11/15/2007	Ce-144	-8.70E+00	6.70E+00	2.40E+01
WD	STJ	L13272-01	11/15/2007	Co-57	1.08E+00	8.60E-01	2.90E+00
WD	STJ	L13272-01	11/15/2007	Co-58	-9.00E-01	1.10E+00	4.30E+00
WD	STJ	L13272-01	11/15/2007	Co-60	6.00E-02	9.10E-01	3.50E+00
WD	STJ	L13272-01	11/15/2007	Cr-51	-1.00E+00	1.10E+01	4.00E+01
WD	STJ	L13272-01	11/15/2007	Cs-134	3.00E-01	1.00E+00	3.80E+00
WD	STJ	L13272-01	11/15/2007	Cs-137	-8.30E-01	8.30E-01	3.30E+00
WD	STJ	L13272-01	11/15/2007	Fe-59	4.90E+00	2.30E+00	7.30E+00
WD	STJ	L13272-01	11/15/2007	GROSS BETA	6.10E+00	1.20E+00	3.00E+00 *
WD	STJ	L13272-01	11/15/2007	I-131	-1.53E-01	2.50E-02	6.00E-01
WD	STJ	L13272-01	11/15/2007	K-40	-1.40E+01	1.40E+01	5.30E+01
WD	STJ	L13272-01	11/15/2007	La-140	-9.00E-01	2.40E+00	9.20E+00
WD	STJ	L13272-01	11/15/2007	Mn-54	-9.00E-01	1.00E+00	3.90E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L13272-01	11/15/2007	Nb-95	-2.20E+00	1.20E+00	4.90E+00
WD	STJ	L13272-01	11/15/2007	Ru-103	-3.80E+00	1.20E+00	5.10E+00
WD	STJ	L13272-01	11/15/2007	Ru-106	2.00E+00	8.70E+00	3.10E+01
WD	STJ	L13272-01	11/15/2007	Sb-124	4.20E+00	2.20E+00	6.90E+00
WD	STJ	L13272-01	11/15/2007	Sb-125	1.50E+00	2.70E+00	9.50E+00
WD	STJ	L13272-01	11/15/2007	Se-75	1.10E+00	1.40E+00	4.70E+00
WD	STJ	L13272-01	11/15/2007	Zn-65	-4.30E+00	2.50E+00	1.00E+01
WD	STJ	L13272-01	11/15/2007	Zr-95	0.00E+00	1.90E+00	6.90E+00
WD	LTW	L13272-02	11/15/2007	AcTh-228	4.20E+00	4.40E+00	1.50E+01
WD	LTW	L13272-02	11/15/2007	Ag-108m	-7.00E-01	1.20E+00	4.60E+00
WD	LTW	L13272-02	11/15/2007	Ag-110m	1.30E+00	1.60E+00	5.80E+00
WD	LTW	L13272-02	11/15/2007	Ba-140	-3.00E-01	3.50E+00	1.40E+01
WD	LTW	L13272-02	11/15/2007	Be-7	-4.00E+00	1.20E+01	4.70E+01
WD	LTW	L13272-02	11/15/2007	Ce-141	0.00E+00	2.60E+00	9.10E+00
WD	LTW	L13272-02	11/15/2007	Ce-144	-1.57E+01	8.40E+00	3.10E+01
WD	LTW	L13272-02	11/15/2007	Co-57	2.70E+00	1.20E+00	3.80E+00
WD	LTW	L13272-02	11/15/2007	Co-58	-1.10E+00	1.40E+00	5.80E+00
WD	LTW	L13272-02	11/15/2007	Co-60	2.50E+00	1.90E+00	6.50E+00
WD	LTW	L13272-02	11/15/2007	Cr-51	-1.40E+01	1.50E+01	5.50E+01
WD	LTW	L13272-02	11/15/2007	Cs-134	2.90E+00	1.70E+00	5.60E+00
WD	LTW	L13272-02	11/15/2007	Cs-137	-1.00E+00	1.30E+00	5.20E+00
WD	LTW	L13272-02	11/15/2007	Fe-59	5.20E+00	3.60E+00	1.20E+01
WD	LTW	L13272-02	11/15/2007	GROSS BETA	4.50E+00	1.10E+00	3.20E+00 *
WD	LTW	L13272-02	11/15/2007	I-131	-7.00E-02	1.20E-01	6.90E-01
WD	LTW	L13272-02	11/15/2007	K-40	1.20E+01	2.30E+01	8.30E+01
WD	LTW	L13272-02	11/15/2007	La-140	-3.00E-01	3.50E+00	1.40E+01
WD	LTW	L13272-02	11/15/2007	Mn-54	-2.70E+00	1.50E+00	6.60E+00
WD	LTW	L13272-02	11/15/2007	Nb-95	2.00E+00	1.90E+00	6.60E+00
WD	LTW	L13272-02	11/15/2007	Ru-103	0.00E+00	1.60E+00	6.10E+00
WD	LTW	L13272-02	11/15/2007	Ru-106	-2.00E+00	1.20E+01	4.70E+01
WD	LTW	L13272-02	11/15/2007	Sb-124	-2.30E+00	2.30E+00	1.30E+01
WD	LTW	L13272-02	11/15/2007	Sb-125	-3.20E+00	3.40E+00	1.30E+01
WD	LTW	L13272-02	11/15/2007	Se-75	2.50E+00	1.80E+00	5.90E+00
WD	LTW	L13272-02	11/15/2007	Zn-65	-3.50E+00	3.50E+00	1.50E+01
WD	LTW	L13272-02	11/15/2007	Zr-95	1.00E-01	2.70E+00	1.00E+01
WD	STJ	L13335-01	11/29/2007	AcTh-228	7.00E-01	6.10E+00	2.30E+01
WD	STJ	L13335-01	11/29/2007	Ag-108m	1.60E+00	1.50E+00	5.30E+00
WD	STJ	L13335-01	11/29/2007	Ag-110m	-1.90E+00	2.30E+00	9.00E+00
WD	STJ	L13335-01	11/29/2007	Ba-140	1.70E+00	3.90E+00	1.40E+01
WD	STJ	L13335-01	11/29/2007	Be-7	4.70E+01	1.60E+01	4.90E+01
WD	STJ	L13335-01	11/29/2007	Ce-141	9.00E-01	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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L13335-01	11/29/2007	Ce-144	1.30E+01	1.00E+01	3.30E+01
WD	STJ	L13335-01	11/29/2007	Co-57	-3.00E-01	1.40E+00	4.70E+00
WD	STJ	L13335-01	11/29/2007	Co-58	1.90E+00	2.00E+00	6.90E+00
WD	STJ	L13335-01	11/29/2007	Co-60	-1.40E+00	1.90E+00	7.70E+00
WD	STJ	L13335-01	11/29/2007	Cr-51	1.60E+01	1.70E+01	5.90E+01
WD	STJ	L13335-01	11/29/2007	Cs-134	-9.00E-01	2.10E+00	7.80E+00
WD	STJ	L13335-01	11/29/2007	Cs-137	-2.70E+00	2.10E+00	8.00E+00
WD	STJ	L13335-01	11/29/2007	Fe-59	-1.11E+01	4.10E+00	1.80E+01
WD	STJ	L13335-01	11/29/2007	GROSS BETA	3.00E+00	1.00E+00	3.10E+00
WD	STJ	L13335-01	11/29/2007	I-131	-5.80E-02	1.20E-02	5.50E-01
WD	STJ	L13335-01	11/29/2007	K-40	6.20E+01	2.20E+01	6.30E+01
WD	STJ	L13335-01	11/29/2007	La-140	1.70E+00	3.90E+00	1.40E+01
WD	STJ	L13335-01	11/29/2007	Mn-54	-3.00E-01	1.80E+00	6.70E+00
WD	STJ	L13335-01	11/29/2007	Nb-95	3.00E+00	2.00E+00	6.60E+00
WD	STJ	L13335-01	11/29/2007	Ru-103	-2.10E+00	2.00E+00	7.50E+00
WD	STJ	L13335-01	11/29/2007	Ru-106	6.00E+00	1.90E+01	6.60E+01
WD	STJ	L13335-01	11/29/2007	Sb-124	2.80E+00	2.70E+00	9.80E+00
WD	STJ	L13335-01	11/29/2007	Sb-125	-2.10E+00	4.90E+00	1.80E+01
WD	STJ	L13335-01	11/29/2007	Se-75	0.00E+00	2.20E+00	7.60E+00
WD	STJ	L13335-01	11/29/2007	Zn-65	-2.40E+00	4.50E+00	1.70E+01
WD	STJ	L13335-01	11/29/2007	Zr-95	1.90E+00	2.90E+00	1.00E+01
WD	LTW	L13335-02	11/29/2007	AcTh-228	1.35E+01	5.70E+00	1.80E+01
WD	LTW	L13335-02	11/29/2007	Ag-108m	-8.00E-01	1.50E+00	5.40E+00
WD	LTW	L13335-02	11/29/2007	Ag-110m	-2.50E+00	2.30E+00	8.70E+00
WD	LTW	L13335-02	11/29/2007	Ba-140	1.50E+00	3.70E+00	1.30E+01
WD	LTW	L13335-02	11/29/2007	Be-7	-1.40E+01	1.60E+01	5.90E+01
WD	LTW	L13335-02	11/29/2007	Ce-141	1.30E+00	2.80E+00	9.50E+00
WD	LTW	L13335-02	11/29/2007	Ce-144	2.80E+00	9.20E+00	3.10E+01
WD	LTW	L13335-02	11/29/2007	Co-57	-1.00E+00	1.30E+00	4.50E+00
WD	LTW	L13335-02	11/29/2007	Co-58	-1.00E+00	1.80E+00	6.50E+00
WD	LTW	L13335-02	11/29/2007	Co-60	-1.10E+00	1.70E+00	6.40E+00
WD	LTW	L13335-02	11/29/2007	Cr-51	7.00E+00	1.60E+01	5.60E+01
WD	LTW	L13335-02	11/29/2007	Cs-134	1.10E+00	1.80E+00	6.40E+00
WD	LTW	L13335-02	11/29/2007	Cs-137	-1.70E+00	2.00E+00	7.20E+00
WD	LTW	L13335-02	11/29/2007	Fe-59	3.40E+00	3.30E+00	1.10E+01
WD	LTW	L13335-02	11/29/2007	GROSS BETA	1.40E+00	1.00E+00	3.30E+00
WD	LTW	L13335-02	11/29/2007	I-131	-5.80E-02	1.20E-02	6.00E-01
WD	LTW	L13335-02	11/29/2007	K-40	6.10E+01	2.70E+01	8.60E+01
WD	LTW	L13335-02	11/29/2007	La-140	1.50E+00	3.70E+00	1.30E+01
WD	LTW	L13335-02	11/29/2007	Mn-54	1.50E+00	1.60E+00	5.50E+00
WD	LTW	L13335-02	11/29/2007	Nb-95	-5.10E+00	2.30E+00	8.80E+00
WD	LTW	L13335-02	11/29/2007	Ru-103	-7.00E-01	1.70E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L13335-02	11/29/2007	Ru-106	-1.20E+01	1.60E+01	5.90E+01
WD	LTW	L13335-02	11/29/2007	Sb-124	-4.30E+00	4.30E+00	1.70E+01
WD	LTW	L13335-02	11/29/2007	Sb-125	-7.10E+00	4.60E+00	1.70E+01
WD	LTW	L13335-02	11/29/2007	Se-75	3.50E+00	2.10E+00	7.00E+00
WD	LTW	L13335-02	11/29/2007	Zn-65	1.24E+01	7.80E+00	2.60E+01
WD	LTW	L13335-02	11/29/2007	Zr-95	-1.10E+00	3.10E+00	1.10E+01
WD	STJ	L13391-01	12/13/2007	AcTh-228	2.00E-01	3.40E+00	1.30E+01
WD	STJ	L13391-01	12/13/2007	Ag-108m	2.90E-01	8.70E-01	3.10E+00
WD	STJ	L13391-01	12/13/2007	Ag-110m	8.00E-01	1.30E+00	4.50E+00
WD	STJ	L13391-01	12/13/2007	Ba-140	5.00E+00	3.50E+00	1.20E+01
WD	STJ	L13391-01	12/13/2007	Be-7	-9.20E+00	9.50E+00	3.60E+01
WD	STJ	L13391-01	12/13/2007	Ce-141	-9.00E-01	2.50E+00	8.60E+00
WD	STJ	L13391-01	12/13/2007	Ce-144	1.11E+01	6.80E+00	2.20E+01
WD	STJ	L13391-01	12/13/2007	Co-57	-5.00E-01	9.00E-01	3.20E+00
WD	STJ	L13391-01	12/13/2007	Co-58	-2.00E-01	1.10E+00	4.20E+00
WD	STJ	L13391-01	12/13/2007	Co-60	2.00E-01	1.10E+00	4.10E+00
WD	STJ	L13391-01	12/13/2007	Cr-51	6.00E+00	1.40E+01	4.80E+01
WD	STJ	L13391-01	12/13/2007	Cs-134	1.00E+00	1.10E+00	3.70E+00
WD	STJ	L13391-01	12/13/2007	Cs-137	4.00E-01	1.10E+00	3.90E+00
WD	STJ	L13391-01	12/13/2007	Fe-59	1.30E+00	2.30E+00	8.30E+00
WD	STJ	L13391-01	12/13/2007	GROSS BETA	4.90E+00	1.20E+00	3.20E+00 *
WD	STJ	L13391-01	12/13/2007	I-131	-3.00E-02	1.30E-01	6.90E-01
WD	STJ	L13391-01	12/13/2007	K-40	-1.00E+01	1.20E+01	4.80E+01
WD	STJ	L13391-01	12/13/2007	La-140	5.00E+00	3.50E+00	1.20E+01
WD	STJ	L13391-01	12/13/2007	Mn-54	-1.40E+00	1.10E+00	4.20E+00
WD	STJ	L13391-01	12/13/2007	Nb-95	-1.70E+00	1.20E+00	5.00E+00
WD	STJ	L13391-01	12/13/2007	Ru-103	-1.50E+00	1.30E+00	4.90E+00
WD	STJ	L13391-01	12/13/2007	Ru-106	-8.40E+00	8.90E+00	3.40E+01
WD	STJ	L13391-01	12/13/2007	Sb-124	2.30E+00	3.00E+00	1.10E+01
WD	STJ	L13391-01	12/13/2007	Sb-125	7.00E-01	2.60E+00	9.30E+00
WD	STJ	L13391-01	12/13/2007	Se-75	2.00E+00	1.30E+00	4.40E+00
WD	STJ	L13391-01	12/13/2007	Zn-65	2.70E+00	2.00E+00	6.60E+00
WD	STJ	L13391-01	12/13/2007	Zr-95	1.00E+00	2.10E+00	7.60E+00
WD	LTW	L13391-02	12/13/2007	AcTh-228	-1.70E+00	4.60E+00	1.80E+01
WD	LTW	L13391-02	12/13/2007	Ag-108m	-1.60E+00	1.20E+00	4.60E+00
WD	LTW	L13391-02	12/13/2007	Ag-110m	-1.70E+00	1.70E+00	7.10E+00
WD	LTW	L13391-02	12/13/2007	Ba-140	1.50E+00	3.70E+00	1.40E+01
WD	LTW	L13391-02	12/13/2007	Be-7	-2.00E+00	1.30E+01	4.80E+01
WD	LTW	L13391-02	12/13/2007	Ce-141	-2.50E+00	2.80E+00	1.00E+01
WD	LTW	L13391-02	12/13/2007	Ce-144	-4.00E+00	9.30E+00	3.30E+01
WD	LTW	L13391-02	12/13/2007	Co-57	1.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	LTW	L13391-02	12/13/2007	Co-58	-5.00E-01	1.50E+00	5.70E+00
WD	LTW	L13391-02	12/13/2007	Co-60	-3.00E-01	1.30E+00	5.30E+00
WD	LTW	L13391-02	12/13/2007	Cr-51	2.40E+01	1.70E+01	5.80E+01
WD	LTW	L13391-02	12/13/2007	Cs-134	0.00E+00	1.30E+00	4.90E+00
WD	LTW	L13391-02	12/13/2007	Cs-137	-7.00E-01	1.30E+00	5.20E+00
WD	LTW	L13391-02	12/13/2007	Fe-59	-1.50E+00	3.20E+00	1.30E+01
WD	LTW	L13391-02	12/13/2007	GROSS BETA	1.83E+00	9.50E-01	3.00E+00
WD	LTW	L13391-02	12/13/2007	I-131	5.00E-02	1.30E-01	7.10E-01
WD	LTW	L13391-02	12/13/2007	K-40	-3.00E+00	1.40E+01	5.70E+01
WD	LTW	L13391-02	12/13/2007	La-140	1.50E+00	3.70E+00	1.40E+01
WD	LTW	L13391-02	12/13/2007	Mn-54	-2.60E+00	1.30E+00	5.70E+00
WD	LTW	L13391-02	12/13/2007	Nb-95	-1.20E+00	1.80E+00	7.10E+00
WD	LTW	L13391-02	12/13/2007	Ru-103	-2.90E+00	1.70E+00	6.80E+00
WD	LTW	L13391-02	12/13/2007	Ru-106	6.00E+00	1.10E+01	4.10E+01
WD	LTW	L13391-02	12/13/2007	Sb-124	-3.70E+00	3.90E+00	1.70E+01
WD	LTW	L13391-02	12/13/2007	Sb-125	-1.50E+00	3.80E+00	1.40E+01
WD	LTW	L13391-02	12/13/2007	Se-75	1.40E+00	1.80E+00	6.10E+00
WD	LTW	L13391-02	12/13/2007	Zn-65	-2.70E+00	3.10E+00	1.30E+01
WD	LTW	L13391-02	12/13/2007	Zr-95	6.00E-01	2.70E+00	1.00E+01
WD	STJ	L13438-01	12/27/2007	AcTh-228	3.01E+01	9.00E+00	2.40E+01 *
WD	STJ	L13438-01	12/27/2007	Ag-108m	-1.90E+00	1.60E+00	6.20E+00
WD	STJ	L13438-01	12/27/2007	Ag-110m	-2.00E+00	3.10E+00	1.20E+01
WD	STJ	L13438-01	12/27/2007	Ba-140	1.19E+01	5.10E+00	1.40E+01
WD	STJ	L13438-01	12/27/2007	Be-7	2.40E+01	2.00E+01	6.70E+01
WD	STJ	L13438-01	12/27/2007	Ce-141	1.00E+00	3.40E+00	1.20E+01
WD	STJ	L13438-01	12/27/2007	Ce-144	9.90E+00	9.90E+00	3.30E+01
WD	STJ	L13438-01	12/27/2007	Co-57	-1.30E+00	1.10E+00	4.20E+00
WD	STJ	L13438-01	12/27/2007	Co-58	-6.00E-01	2.50E+00	9.40E+00
WD	STJ	L13438-01	12/27/2007	Co-60	1.50E+00	2.00E+00	7.50E+00
WD	STJ	L13438-01	12/27/2007	Cr-51	2.20E+01	1.90E+01	6.50E+01
WD	STJ	L13438-01	12/27/2007	Cs-134	-5.00E-01	2.40E+00	9.30E+00
WD	STJ	L13438-01	12/27/2007	Cs-137	7.00E-01	2.20E+00	7.90E+00
WD	STJ	L13438-01	12/27/2007	Fe-59	-5.30E+00	5.70E+00	2.30E+01
WD	STJ	L13438-01	12/27/2007	GROSS BETA	2.40E+00	1.00E+00	3.10E+00
WD	STJ	L13438-01	12/27/2007	I-131	1.00E-01	1.60E-01	7.40E-01
WD	STJ	L13438-01	12/27/2007	K-40	3.00E+01	3.40E+01	1.20E+02
WD	STJ	L13438-01	12/27/2007	La-140	1.19E+01	5.10E+00	1.40E+01
WD	STJ	L13438-01	12/27/2007	Mn-54	-1.00E+00	2.30E+00	9.00E+00
WD	STJ	L13438-01	12/27/2007	Nb-95	8.00E-01	2.70E+00	9.90E+00
WD	STJ	L13438-01	12/27/2007	Ru-103	-3.00E-01	2.40E+00	8.80E+00
WD	STJ	L13438-01	12/27/2007	Ru-106	1.50E+01	2.00E+01	7.00E+01
WD	STJ	L13438-01	12/27/2007	Sb-124	0.00E+00	5.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WD	STJ	L13438-01	12/27/2007	Sb-125	-3.60E+00	5.00E+00	1.90E+01
WD	STJ	L13438-01	12/27/2007	Se-75	-4.00E-01	2.20E+00	7.90E+00
WD	STJ	L13438-01	12/27/2007	Zn-65	-9.10E+00	5.00E+00	2.20E+01
WD	STJ	L13438-01	12/27/2007	Zr-95	4.20E+00	4.50E+00	1.60E+01
WD	LTW	L13438-02	12/27/2007	AcTh-228	-7.00E+00	6.40E+00	2.30E+01
WD	LTW	L13438-02	12/27/2007	Ag-108m	-1.50E+00	1.00E+00	3.70E+00
WD	LTW	L13438-02	12/27/2007	Ag-110m	1.00E-01	1.90E+00	6.80E+00
WD	LTW	L13438-02	12/27/2007	Ba-140	-2.00E-01	3.50E+00	1.30E+01
WD	LTW	L13438-02	12/27/2007	Be-7	-2.00E+01	1.10E+01	4.00E+01
WD	LTW	L13438-02	12/27/2007	Ce-141	3.10E+00	3.80E+00	1.30E+01
WD	LTW	L13438-02	12/27/2007	Ce-144	-3.20E+00	6.20E+00	2.10E+01
WD	LTW	L13438-02	12/27/2007	Co-57	1.00E-02	8.20E-01	2.80E+00
WD	LTW	L13438-02	12/27/2007	Co-58	-1.00E-01	1.30E+00	4.60E+00
WD	LTW	L13438-02	12/27/2007	Co-60	-3.00E-01	1.50E+00	5.30E+00
WD	LTW	L13438-02	12/27/2007	Cr-51	-1.20E+01	1.10E+01	4.10E+01
WD	LTW	L13438-02	12/27/2007	Cs-134	-1.40E+00	1.50E+00	5.50E+00
WD	LTW	L13438-02	12/27/2007	Cs-137	2.80E+00	1.20E+00	3.60E+00
WD	LTW	L13438-02	12/27/2007	Fe-59	3.20E+00	2.70E+00	9.00E+00
WD	LTW	L13438-02	12/27/2007	GROSS BETA	2.86E+00	9.90E-01	2.90E+00
WD	LTW	L13438-02	12/27/2007	I-131	-5.90E-02	1.20E-02	7.60E-01
WD	LTW	L13438-02	12/27/2007	K-40	-2.00E+01	2.40E+01	8.80E+01
WD	LTW	L13438-02	12/27/2007	La-140	-2.00E-01	3.50E+00	1.30E+01
WD	LTW	L13438-02	12/27/2007	Mn-54	-2.60E+00	1.40E+00	5.30E+00
WD	LTW	L13438-02	12/27/2007	Nb-95	2.90E+00	1.60E+00	5.20E+00
WD	LTW	L13438-02	12/27/2007	Ru-103	-3.10E+00	1.40E+00	5.40E+00
WD	LTW	L13438-02	12/27/2007	Ru-106	3.00E+00	1.10E+01	3.90E+01
WD	LTW	L13438-02	12/27/2007	Sb-124	6.20E+00	3.80E+00	1.30E+01
WD	LTW	L13438-02	12/27/2007	Sb-125	-2.00E-01	3.20E+00	1.10E+01
WD	LTW	L13438-02	12/27/2007	Se-75	5.00E-01	1.40E+00	4.60E+00
WD	LTW	L13438-02	12/27/2007	Zn-65	-5.80E+00	2.60E+00	1.10E+01
WD	LTW	L13438-02	12/27/2007	Zr-95	-5.80E+00	2.70E+00	1.00E+01
WD	STJ Q1	L12281-01	2/15/2007	H-3	1.59E+02	5.30E+01	1.60E+02
WD	LTW Q1	L12281-02	2/15/2007	H-3	-7.00E+01	5.00E+02	1.60E+03
WD	STJ Q2	L12799-01	5/17/2007	H-3	-9.00E+01	4.30E+02	1.30E+03
WD	LTW Q2	L12799-02	5/17/2007	H-3	2.80E+02	4.40E+02	1.30E+03
WD	STJ Q3	L13148-01	8/16/2007	H-3	3.00E+02	4.50E+02	1.30E+03
WD	LTW Q3	L13148-02	8/16/2007	H-3	-4.60E+02	4.40E+02	1.30E+03
WD	STJ Q4	L13447-01	11/15/2007	H-3	-1.00E+01	4.30E+02	1.30E+03
WD	LTW Q4	L13447-02	11/15/2007	H-3	-3.60E+02	4.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-1	L11931-01	1/17/2007	AcTh-228	-9.00E+00	7.80E+00	3.00E+01
WG	W-1	L11931-01	1/17/2007	Ag-108m	-2.40E+00	1.70E+00	6.50E+00
WG	W-1	L11931-01	1/17/2007	Ag-110m	1.60E+00	2.40E+00	8.30E+00
WG	W-1	L11931-01	1/17/2007	Ba-140	-1.50E+00	3.00E+00	1.20E+01
WG	W-1	L11931-01	1/17/2007	Be-7	-2.00E+00	1.60E+01	5.80E+01
WG	W-1	L11931-01	1/17/2007	Ce-141	2.70E+00	3.30E+00	1.10E+01
WG	W-1	L11931-01	1/17/2007	Ce-144	1.40E+01	1.00E+01	3.30E+01
WG	W-1	L11931-01	1/17/2007	Co-57	2.30E+00	1.30E+00	4.30E+00
WG	W-1	L11931-01	1/17/2007	Co-58	-2.00E-01	1.70E+00	6.30E+00
WG	W-1	L11931-01	1/17/2007	Co-60	9.00E-01	1.90E+00	6.80E+00
WG	W-1	L11931-01	1/17/2007	Cr-51	-3.20E+01	1.70E+01	6.50E+01
WG	W-1	L11931-01	1/17/2007	Cs-134	-2.00E+00	2.10E+00	7.90E+00
WG	W-1	L11931-01	1/17/2007	Cs-137	3.20E+00	1.70E+00	5.40E+00
WG	W-1	L11931-01	1/17/2007	Fe-59	1.00E-01	4.00E+00	1.50E+01
WG	W-1	L11931-01	1/17/2007	H-3	2.50E+02	4.50E+02	1.30E+03
WG	W-1	L11931-01	1/17/2007	I-131	-4.00E+00	3.40E+00	1.30E+01
WG	W-1	L11931-01	1/17/2007	K-40	2.00E+01	2.60E+01	9.00E+01
WG	W-1	L11931-01	1/17/2007	La-140	-1.70E+00	3.50E+00	1.40E+01
WG	W-1	L11931-01	1/17/2007	Mn-54	5.00E-01	2.00E+00	7.20E+00
WG	W-1	L11931-01	1/17/2007	Nb-95	-4.00E-01	3.20E+00	1.10E+01
WG	W-1	L11931-01	1/17/2007	Ru-103	-2.90E+00	2.00E+00	7.70E+00
WG	W-1	L11931-01	1/17/2007	Ru-106	3.50E+01	1.70E+01	5.40E+01
WG	W-1	L11931-01	1/17/2007	Sb-124	-2.50E+00	3.20E+00	1.40E+01
WG	W-1	L11931-01	1/17/2007	Sb-125	-2.40E+00	4.80E+00	1.70E+01
WG	W-1	L11931-01	1/17/2007	Se-75	-3.00E-01	2.50E+00	8.60E+00
WG	W-1	L11931-01	1/17/2007	Zn-65	-8.90E+00	4.30E+00	1.80E+01
WG	W-1	L11931-01	1/17/2007	Zr-95	4.00E-01	3.00E+00	1.10E+01
WG	W-2	L11931-02	1/17/2007	AcTh-228	5.20E+00	6.60E+00	2.30E+01
WG	W-2	L11931-02	1/17/2007	Ag-108m	-1.00E+00	1.50E+00	5.40E+00
WG	W-2	L11931-02	1/17/2007	Ag-110m	-3.00E-01	2.60E+00	9.60E+00
WG	W-2	L11931-02	1/17/2007	Ba-140	2.00E+00	2.80E+00	9.90E+00
WG	W-2	L11931-02	1/17/2007	Be-7	2.00E+01	1.40E+01	4.60E+01
WG	W-2	L11931-02	1/17/2007	Ce-141	3.40E+00	2.40E+00	8.10E+00
WG	W-2	L11931-02	1/17/2007	Ce-144	9.00E+00	1.00E+01	3.50E+01
WG	W-2	L11931-02	1/17/2007	Co-57	3.00E+00	1.30E+00	4.00E+00
WG	W-2	L11931-02	1/17/2007	Co-58	-7.00E-01	1.70E+00	6.30E+00
WG	W-2	L11931-02	1/17/2007	Co-60	2.80E+00	2.00E+00	6.50E+00
WG	W-2	L11931-02	1/17/2007	Cr-51	-3.00E+00	1.60E+01	5.80E+01
WG	W-2	L11931-02	1/17/2007	Cs-134	-1.00E+00	1.90E+00	7.00E+00
WG	W-2	L11931-02	1/17/2007	Cs-137	1.80E+00	1.80E+00	6.10E+00
WG	W-2	L11931-02	1/17/2007	Fe-59	-3.00E-01	3.80E+00	1.40E+01
WG	W-2	L11931-02	1/17/2007	H-3	-1.00E+02	4.50E+02	1.40E+03

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-2	L11931-02	1/17/2007	I-131	1.80E+00	3.40E+00	1.20E+01
WG	W-2	L11931-02	1/17/2007	K-40	-5.00E+00	2.30E+01	8.60E+01
WG	W-2	L11931-02	1/17/2007	La-140	2.30E+00	3.20E+00	1.10E+01
WG	W-2	L11931-02	1/17/2007	Mn-54	-2.70E+00	1.90E+00	7.50E+00
WG	W-2	L11931-02	1/17/2007	Nb-95	-3.60E+00	2.20E+00	8.50E+00
WG	W-2	L11931-02	1/17/2007	Ru-103	-7.00E-01	1.90E+00	6.80E+00
WG	W-2	L11931-02	1/17/2007	Ru-106	-1.40E+01	1.60E+01	6.10E+01
WG	W-2	L11931-02	1/17/2007	Sb-124	-6.70E+00	4.60E+00	1.90E+01
WG	W-2	L11931-02	1/17/2007	Sb-125	6.40E+00	4.40E+00	1.50E+01
WG	W-2	L11931-02	1/17/2007	Se-75	-7.00E-01	2.20E+00	7.70E+00
WG	W-2	L11931-02	1/17/2007	Zn-65	-9.70E+00	4.60E+00	1.80E+01
WG	W-2	L11931-02	1/17/2007	Zr-95	4.40E+00	3.20E+00	1.10E+01
WG	W-3	L11931-03	1/15/2007	AcTh-228	1.35E+01	5.90E+00	1.90E+01
WG	W-3	L11931-03	1/15/2007	Ag-108m	7.00E-01	1.20E+00	4.10E+00
WG	W-3	L11931-03	1/15/2007	Ag-110m	2.00E+00	1.90E+00	6.30E+00
WG	W-3	L11931-03	1/15/2007	Ba-140	-2.30E+00	2.70E+00	1.10E+01
WG	W-3	L11931-03	1/15/2007	Be-7	-1.50E+01	1.20E+01	4.30E+01
WG	W-3	L11931-03	1/15/2007	Ce-141	1.30E+00	1.90E+00	6.30E+00
WG	W-3	L11931-03	1/15/2007	Ce-144	-3.10E+00	6.80E+00	2.40E+01
WG	W-3	L11931-03	1/15/2007	Co-57	1.36E+00	8.70E-01	2.90E+00
WG	W-3	L11931-03	1/15/2007	Co-58	-1.00E-01	1.30E+00	4.80E+00
WG	W-3	L11931-03	1/15/2007	Co-60	2.10E+00	1.50E+00	4.80E+00
WG	W-3	L11931-03	1/15/2007	Cr-51	-4.00E+00	1.20E+01	4.10E+01
WG	W-3	L11931-03	1/15/2007	Cs-134	1.30E+00	1.40E+00	4.80E+00
WG	W-3	L11931-03	1/15/2007	Cs-137	2.20E+00	1.60E+00	5.20E+00
WG	W-3	L11931-03	1/15/2007	Fe-59	-3.50E+00	3.10E+00	1.20E+01
WG	W-3	L11931-03	1/15/2007	H-3	5.30E+02	4.60E+02	1.30E+03
WG	W-3	L11931-03	1/15/2007	I-131	-1.30E+00	2.50E+00	9.00E+00
WG	W-3	L11931-03	1/15/2007	K-40	4.00E+01	2.40E+01	7.70E+01
WG	W-3	L11931-03	1/15/2007	La-140	-2.60E+00	3.20E+00	1.20E+01
WG	W-3	L11931-03	1/15/2007	Mn-54	-1.20E+00	1.30E+00	4.90E+00
WG	W-3	L11931-03	1/15/2007	Nb-95	1.00E-01	1.70E+00	6.20E+00
WG	W-3	L11931-03	1/15/2007	Ru-103	-7.00E-01	1.40E+00	5.20E+00
WG	W-3	L11931-03	1/15/2007	Ru-106	-3.00E+00	1.40E+01	5.10E+01
WG	W-3	L11931-03	1/15/2007	Sb-124	-4.40E+00	3.30E+00	1.40E+01
WG	W-3	L11931-03	1/15/2007	Sb-125	-7.00E-01	3.90E+00	1.40E+01
WG	W-3	L11931-03	1/15/2007	Se-75	2.00E-01	1.50E+00	5.10E+00
WG	W-3	L11931-03	1/15/2007	Zn-65	-4.70E+00	3.30E+00	1.30E+01
WG	W-3	L11931-03	1/15/2007	Zr-95	-1.50E+00	2.40E+00	8.90E+00
WG	W-4	L11931-04	1/16/2007	AcTh-228	4.90E+00	7.90E+00	2.80E+01
WG	W-4	L11931-04	1/16/2007	Ag-108m	6.00E-01	1.60E+00	5.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-4	L11931-04	1/16/2007	Ag-110m	4.00E-01	2.30E+00	8.40E+00
WG	W-4	L11931-04	1/16/2007	Ba-140	-6.00E-01	3.20E+00	1.20E+01
WG	W-4	L11931-04	1/16/2007	Be-7	1.30E+01	1.40E+01	4.80E+01
WG	W-4	L11931-04	1/16/2007	Ce-141	-3.00E-01	4.10E+00	1.40E+01
WG	W-4	L11931-04	1/16/2007	Ce-144	7.30E+00	9.40E+00	3.20E+01
WG	W-4	L11931-04	1/16/2007	Co-57	8.00E-01	1.20E+00	4.00E+00
WG	W-4	L11931-04	1/16/2007	Co-58	0.00E+00	1.80E+00	6.60E+00
WG	W-4	L11931-04	1/16/2007	Co-60	6.00E-01	1.90E+00	6.90E+00
WG	W-4	L11931-04	1/16/2007	Cr-51	7.00E+00	1.50E+01	5.30E+01
WG	W-4	L11931-04	1/16/2007	Cs-134	-1.00E+00	1.90E+00	7.30E+00
WG	W-4	L11931-04	1/16/2007	Cs-137	-4.00E-01	1.90E+00	7.00E+00
WG	W-4	L11931-04	1/16/2007	Fe-59	-5.40E+00	3.80E+00	1.60E+01
WG	W-4	L11931-04	1/16/2007	H-3	8.00E+02	4.70E+02	1.30E+03
WG	W-4	L11931-04	1/16/2007	I-131	-3.00E-01	3.30E+00	1.20E+01
WG	W-4	L11931-04	1/16/2007	K-40	3.80E+01	2.70E+01	9.00E+01
WG	W-4	L11931-04	1/16/2007	La-140	-7.00E-01	3.70E+00	1.40E+01
WG	W-4	L11931-04	1/16/2007	Mn-54	-1.70E+00	1.80E+00	6.90E+00
WG	W-4	L11931-04	1/16/2007	Nb-95	-8.00E-01	1.80E+00	6.90E+00
WG	W-4	L11931-04	1/16/2007	Ru-103	-2.00E+00	1.70E+00	6.50E+00
WG	W-4	L11931-04	1/16/2007	Ru-106	3.50E+01	2.00E+01	6.40E+01
WG	W-4	L11931-04	1/16/2007	Sb-124	1.00E+00	4.40E+00	1.70E+01
WG	W-4	L11931-04	1/16/2007	Sb-125	4.20E+00	4.70E+00	1.60E+01
WG	W-4	L11931-04	1/16/2007	Se-75	3.10E+00	2.10E+00	7.10E+00
WG	W-4	L11931-04	1/16/2007	Zn-65	-6.00E-01	3.90E+00	1.50E+01
WG	W-4	L11931-04	1/16/2007	Zr-95	2.40E+00	2.70E+00	9.50E+00
WG	W-5	L11931-05	1/16/2007	AcTh-228	7.00E+00	7.00E+00	2.40E+01
WG	W-5	L11931-05	1/16/2007	Ag-108m	-1.10E+00	1.40E+00	5.00E+00
WG	W-5	L11931-05	1/16/2007	Ag-110m	-2.10E+00	1.90E+00	7.60E+00
WG	W-5	L11931-05	1/16/2007	Ba-140	0.00E+00	3.00E+00	1.10E+01
WG	W-5	L11931-05	1/16/2007	Be-7	-3.00E+00	1.50E+01	5.40E+01
WG	W-5	L11931-05	1/16/2007	Ce-141	3.20E+00	2.20E+00	7.20E+00
WG	W-5	L11931-05	1/16/2007	Ce-144	-9.40E+00	6.90E+00	2.50E+01
WG	W-5	L11931-05	1/16/2007	Co-57	-4.00E-02	8.70E-01	3.00E+00
WG	W-5	L11931-05	1/16/2007	Co-58	-1.80E+00	1.80E+00	7.00E+00
WG	W-5	L11931-05	1/16/2007	Co-60	3.00E+00	1.70E+00	5.30E+00
WG	W-5	L11931-05	1/16/2007	Cr-51	1.30E+01	1.40E+01	4.90E+01
WG	W-5	L11931-05	1/16/2007	Cs-134	2.80E+00	1.90E+00	6.30E+00
WG	W-5	L11931-05	1/16/2007	Cs-137	-1.00E+00	1.60E+00	6.00E+00
WG	W-5	L11931-05	1/16/2007	Fe-59	3.80E+00	3.80E+00	1.30E+01
WG	W-5	L11931-05	1/16/2007	H-3	4.80E+02	4.60E+02	1.30E+03
WG	W-5	L11931-05	1/16/2007	I-131	-3.80E+00	2.60E+00	9.70E+00
WG	W-5	L11931-05	1/16/2007	K-40	9.50E+01	3.10E+01	9.20E+01 *

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-5	L11931-05	1/16/2007	La-140	0.00E+00	3.40E+00	1.30E+01
WG	W-5	L11931-05	1/16/2007	Mn-54	8.00E-01	1.80E+00	6.40E+00
WG	W-5	L11931-05	1/16/2007	Nb-95	-1.70E+00	2.00E+00	7.60E+00
WG	W-5	L11931-05	1/16/2007	Ru-103	-2.00E-01	1.70E+00	6.00E+00
WG	W-5	L11931-05	1/16/2007	Ru-106	5.00E+00	1.30E+01	4.70E+01
WG	W-5	L11931-05	1/16/2007	Sb-124	-9.00E-01	4.30E+00	1.70E+01
WG	W-5	L11931-05	1/16/2007	Sb-125	7.60E+00	4.30E+00	1.40E+01
WG	W-5	L11931-05	1/16/2007	Se-75	3.00E+00	1.70E+00	5.50E+00
WG	W-5	L11931-05	1/16/2007	Zn-65	-1.28E+01	4.10E+00	1.80E+01
WG	W-5	L11931-05	1/16/2007	Zr-95	1.20E+00	3.40E+00	1.20E+01
WG	W-6	L11931-06	1/16/2007	AcTh-228	2.80E+00	7.10E+00	2.50E+01
WG	W-6	L11931-06	1/16/2007	Ag-108m	-7.00E-01	1.40E+00	4.90E+00
WG	W-6	L11931-06	1/16/2007	Ag-110m	5.30E+00	2.40E+00	7.70E+00
WG	W-6	L11931-06	1/16/2007	Ba-140	-1.40E+00	3.00E+00	1.10E+01
WG	W-6	L11931-06	1/16/2007	Be-7	1.00E+01	1.30E+01	4.40E+01
WG	W-6	L11931-06	1/16/2007	Ce-141	1.90E+00	2.30E+00	7.60E+00
WG	W-6	L11931-06	1/16/2007	Ce-144	-7.20E+00	8.00E+00	2.80E+01
WG	W-6	L11931-06	1/16/2007	Co-57	2.00E+00	1.00E+00	3.40E+00
WG	W-6	L11931-06	1/16/2007	Co-58	-4.00E-01	1.40E+00	5.40E+00
WG	W-6	L11931-06	1/16/2007	Co-60	1.80E+00	1.90E+00	6.50E+00
WG	W-6	L11931-06	1/16/2007	Cr-51	4.00E+00	1.60E+01	5.30E+01
WG	W-6	L11931-06	1/16/2007	Cs-134	-1.60E+00	1.70E+00	6.50E+00
WG	W-6	L11931-06	1/16/2007	Cs-137	-8.00E-01	1.80E+00	6.70E+00
WG	W-6	L11931-06	1/16/2007	Fe-59	2.40E+00	3.40E+00	1.20E+01
WG	W-6	L11931-06	1/16/2007	H-3	7.50E+02	4.60E+02	1.30E+03
WG	W-6	L11931-06	1/16/2007	I-131	-1.10E+00	2.80E+00	9.80E+00
WG	W-6	L11931-06	1/16/2007	K-40	1.23E+02	3.20E+01	9.40E+01
WG	W-6	L11931-06	1/16/2007	La-140	-1.60E+00	3.40E+00	1.30E+01
WG	W-6	L11931-06	1/16/2007	Mn-54	3.00E-01	1.70E+00	6.00E+00
WG	W-6	L11931-06	1/16/2007	Nb-95	-1.60E+00	1.90E+00	7.10E+00
WG	W-6	L11931-06	1/16/2007	Ru-103	-3.10E+00	1.80E+00	6.70E+00
WG	W-6	L11931-06	1/16/2007	Ru-106	6.00E+00	1.40E+01	5.10E+01
WG	W-6	L11931-06	1/16/2007	Sb-124	1.60E+00	4.40E+00	1.60E+01
WG	W-6	L11931-06	1/16/2007	Sb-125	-6.80E+00	4.10E+00	1.60E+01
WG	W-6	L11931-06	1/16/2007	Se-75	-1.80E+00	1.60E+00	5.90E+00
WG	W-6	L11931-06	1/16/2007	Zn-65	-8.40E+00	3.90E+00	1.60E+01
WG	W-6	L11931-06	1/16/2007	Zr-95	-2.00E-01	2.80E+00	1.00E+01
WG	W-7	L11931-07	1/15/2007	AcTh-228	1.20E+00	5.60E+00	2.00E+01
WG	W-7	L11931-07	1/15/2007	Ag-108m	-5.00E-01	1.40E+00	5.10E+00
WG	W-7	L11931-07	1/15/2007	Ag-110m	-1.20E+00	2.30E+00	8.60E+00
WG	W-7	L11931-07	1/15/2007	Ba-140	-1.30E+00	2.90E+00	1.10E+01

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-7	L11931-07	1/15/2007	Be-7	5.00E+00	1.50E+01	5.30E+01
WG	W-7	L11931-07	1/15/2007	Ce-141	-1.60E+00	2.70E+00	9.40E+00
WG	W-7	L11931-07	1/15/2007	Ce-144	-8.20E+00	9.20E+00	3.30E+01
WG	W-7	L11931-07	1/15/2007	Co-57	6.00E-01	1.20E+00	4.10E+00
WG	W-7	L11931-07	1/15/2007	Co-58	-1.60E+00	1.80E+00	6.90E+00
WG	W-7	L11931-07	1/15/2007	Co-60	-2.40E+00	1.90E+00	7.80E+00
WG	W-7	L11931-07	1/15/2007	Cr-51	2.00E+00	1.60E+01	5.70E+01
WG	W-7	L11931-07	1/15/2007	Cs-134	0.00E+00	2.10E+00	7.50E+00
WG	W-7	L11931-07	1/15/2007	Cs-137	1.60E+00	1.80E+00	6.10E+00
WG	W-7	L11931-07	1/15/2007	Fe-59	-5.70E+00	3.50E+00	1.40E+01
WG	W-7	L11931-07	1/15/2007	H-3	-3.80E+02	4.40E+02	1.30E+03
WG	W-7	L11931-07	1/15/2007	I-131	-6.00E-01	3.70E+00	1.30E+01
WG	W-7	L11931-07	1/15/2007	K-40	-1.20E+01	2.10E+01	8.00E+01
WG	W-7	L11931-07	1/15/2007	La-140	-1.50E+00	3.30E+00	1.30E+01
WG	W-7	L11931-07	1/15/2007	Mn-54	-4.00E-01	1.80E+00	6.50E+00
WG	W-7	L11931-07	1/15/2007	Nb-95	-2.60E+00	1.90E+00	7.40E+00
WG	W-7	L11931-07	1/15/2007	Ru-103	-1.60E+00	1.80E+00	6.60E+00
WG	W-7	L11931-07	1/15/2007	Ru-106	-7.00E+00	1.70E+01	6.10E+01
WG	W-7	L11931-07	1/15/2007	Sb-124	3.00E-01	5.00E+00	1.80E+01
WG	W-7	L11931-07	1/15/2007	Sb-125	3.90E+00	4.30E+00	1.50E+01
WG	W-7	L11931-07	1/15/2007	Se-75	-6.00E+00	1.80E+00	7.30E+00
WG	W-7	L11931-07	1/15/2007	Zn-65	6.70E+00	3.30E+00	1.00E+01
WG	W-7	L11931-07	1/15/2007	Zr-95	-4.30E+00	3.00E+00	1.20E+01
WG	W-8	L11931-08	1/15/2007	AcTh-228	-6.30E+00	5.90E+00	2.30E+01
WG	W-8	L11931-08	1/15/2007	Ag-108m	2.00E-01	1.40E+00	5.00E+00
WG	W-8	L11931-08	1/15/2007	Ag-110m	-2.80E+00	2.40E+00	9.10E+00
WG	W-8	L11931-08	1/15/2007	Ba-140	-1.70E+00	2.30E+00	9.40E+00
WG	W-8	L11931-08	1/15/2007	Be-7	-1.00E+00	1.60E+01	5.60E+01
WG	W-8	L11931-08	1/15/2007	Ce-141	-3.30E+00	2.70E+00	9.60E+00
WG	W-8	L11931-08	1/15/2007	Ce-144	5.90E+00	9.30E+00	3.20E+01
WG	W-8	L11931-08	1/15/2007	Co-57	-1.30E+00	1.10E+00	4.00E+00
WG	W-8	L11931-08	1/15/2007	Co-58	2.00E-01	1.70E+00	6.20E+00
WG	W-8	L11931-08	1/15/2007	Co-60	1.50E+00	1.50E+00	5.20E+00
WG	W-8	L11931-08	1/15/2007	Cr-51	-2.00E+00	1.50E+01	5.30E+01
WG	W-8	L11931-08	1/15/2007	Cs-134	-3.30E+00	1.90E+00	7.50E+00
WG	W-8	L11931-08	1/15/2007	Cs-137	-4.00E-01	1.50E+00	5.60E+00
WG	W-8	L11931-08	1/15/2007	Fe-59	7.60E+00	3.90E+00	1.20E+01
WG	W-8	L11931-08	1/15/2007	H-3	5.70E+02	4.60E+02	1.40E+03
WG	W-8	L11931-08	1/15/2007	I-131	2.60E+00	3.00E+00	1.00E+01
WG	W-8	L11931-08	1/15/2007	K-40	1.30E+01	2.50E+01	8.70E+01
WG	W-8	L11931-08	1/15/2007	La-140	-2.00E+00	2.70E+00	1.10E+01
WG	W-8	L11931-08	1/15/2007	Mn-54	-4.00E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-8	L11931-08	1/15/2007	Nb-95	-2.30E+00	1.80E+00	7.10E+00
WG	W-8	L11931-08	1/15/2007	Ru-103	-3.00E-01	1.90E+00	6.60E+00
WG	W-8	L11931-08	1/15/2007	Ru-106	-2.40E+01	1.60E+01	6.20E+01
WG	W-8	L11931-08	1/15/2007	Sb-124	-3.50E+00	4.10E+00	1.60E+01
WG	W-8	L11931-08	1/15/2007	Sb-125	-2.80E+00	4.00E+00	1.50E+01
WG	W-8	L11931-08	1/15/2007	Se-75	2.70E+00	2.10E+00	7.00E+00
WG	W-8	L11931-08	1/15/2007	Zn-65	-1.38E+01	3.90E+00	1.70E+01
WG	W-8	L11931-08	1/15/2007	Zr-95	-7.00E-01	3.10E+00	1.10E+01
WG	W-9	L11931-09	1/17/2007	AcTh-228	2.90E+00	7.10E+00	2.50E+01
WG	W-9	L11931-09	1/17/2007	Ag-108m	2.00E-01	1.50E+00	5.30E+00
WG	W-9	L11931-09	1/17/2007	Ag-110m	-6.00E-01	2.10E+00	7.90E+00
WG	W-9	L11931-09	1/17/2007	Ba-140	-1.10E+00	2.60E+00	1.00E+01
WG	W-9	L11931-09	1/17/2007	Be-7	-7.00E+00	1.50E+01	5.60E+01
WG	W-9	L11931-09	1/17/2007	Ce-141	2.30E+00	2.70E+00	9.10E+00
WG	W-9	L11931-09	1/17/2007	Ce-144	-1.70E+01	1.10E+01	3.90E+01
WG	W-9	L11931-09	1/17/2007	Co-57	-2.00E-01	1.30E+00	4.60E+00
WG	W-9	L11931-09	1/17/2007	Co-58	0.00E+00	1.60E+00	5.80E+00
WG	W-9	L11931-09	1/17/2007	Co-60	-6.00E-01	1.90E+00	7.10E+00
WG	W-9	L11931-09	1/17/2007	Cr-51	-1.60E+01	1.60E+01	5.70E+01
WG	W-9	L11931-09	1/17/2007	Cs-134	2.40E+00	1.90E+00	6.50E+00
WG	W-9	L11931-09	1/17/2007	Cs-137	-4.00E-01	2.00E+00	7.10E+00
WG	W-9	L11931-09	1/17/2007	Fe-59	-9.00E-01	3.70E+00	1.40E+01
WG	W-9	L11931-09	1/17/2007	H-3	-3.80E+02	4.50E+02	1.30E+03
WG	W-9	L11931-09	1/17/2007	I-131	3.50E+00	3.20E+00	1.10E+01
WG	W-9	L11931-09	1/17/2007	K-40	7.40E+01	2.40E+01	7.20E+01 *
WG	W-9	L11931-09	1/17/2007	La-140	-1.30E+00	3.00E+00	1.20E+01
WG	W-9	L11931-09	1/17/2007	Mn-54	1.50E+00	1.60E+00	5.40E+00
WG	W-9	L11931-09	1/17/2007	Nb-95	-2.10E+00	2.10E+00	7.90E+00
WG	W-9	L11931-09	1/17/2007	Ru-103	-2.00E-01	1.80E+00	6.40E+00
WG	W-9	L11931-09	1/17/2007	Ru-106	-2.00E+00	1.60E+01	5.80E+01
WG	W-9	L11931-09	1/17/2007	Sb-124	4.30E+00	3.80E+00	1.30E+01
WG	W-9	L11931-09	1/17/2007	Sb-125	-9.00E-01	4.80E+00	1.70E+01
WG	W-9	L11931-09	1/17/2007	Se-75	-3.00E+00	2.00E+00	7.30E+00
WG	W-9	L11931-09	1/17/2007	Zn-65	1.04E+01	7.10E+00	2.30E+01
WG	W-9	L11931-09	1/17/2007	Zr-95	-4.60E+00	2.90E+00	1.20E+01
WG	W-10	L11931-10	1/15/2007	AcTh-228	-3.40E+00	5.50E+00	2.10E+01
WG	W-10	L11931-10	1/15/2007	Ag-108m	-1.30E+00	1.30E+00	5.00E+00
WG	W-10	L11931-10	1/15/2007	Ag-110m	-4.30E+00	2.10E+00	8.70E+00
WG	W-10	L11931-10	1/15/2007	Ba-140	-4.30E+00	2.70E+00	1.10E+01
WG	W-10	L11931-10	1/15/2007	Be-7	-9.00E+00	1.40E+01	5.30E+01
WG	W-10	L11931-10	1/15/2007	Ce-141	-2.50E+00	2.60E+00	9.20E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-10	L11931-10	1/15/2007	Ce-144	1.21E+01	9.40E+00	3.10E+01
WG	W-10	L11931-10	1/15/2007	Co-57	-6.00E-01	1.20E+00	4.30E+00
WG	W-10	L11931-10	1/15/2007	Co-58	2.20E+00	1.60E+00	5.40E+00
WG	W-10	L11931-10	1/15/2007	Co-60	-1.50E+00	1.70E+00	6.70E+00
WG	W-10	L11931-10	1/15/2007	Cr-51	8.00E+00	1.60E+01	5.50E+01
WG	W-10	L11931-10	1/15/2007	Cs-134	5.00E-01	1.80E+00	6.50E+00
WG	W-10	L11931-10	1/15/2007	Cs-137	-1.00E-01	1.70E+00	6.30E+00
WG	W-10	L11931-10	1/15/2007	Fe-59	-2.20E+00	4.00E+00	1.50E+01
WG	W-10	L11931-10	1/15/2007	H-3	-5.00E+01	4.50E+02	1.40E+03
WG	W-10	L11931-10	1/15/2007	I-131	-3.60E+00	3.20E+00	1.20E+01
WG	W-10	L11931-10	1/15/2007	K-40	3.30E+01	2.40E+01	7.90E+01
WG	W-10	L11931-10	1/15/2007	La-140	-5.00E+00	3.10E+00	1.30E+01
WG	W-10	L11931-10	1/15/2007	Mn-54	-1.10E+00	1.70E+00	6.50E+00
WG	W-10	L11931-10	1/15/2007	Nb-95	0.00E+00	2.00E+00	7.40E+00
WG	W-10	L11931-10	1/15/2007	Ru-103	-5.10E+00	2.10E+00	8.00E+00
WG	W-10	L11931-10	1/15/2007	Ru-106	-1.80E+01	1.50E+01	5.70E+01
WG	W-10	L11931-10	1/15/2007	Sb-124	-8.00E-01	4.00E+00	1.50E+01
WG	W-10	L11931-10	1/15/2007	Sb-125	4.00E-01	4.10E+00	1.50E+01
WG	W-10	L11931-10	1/15/2007	Se-75	2.00E-01	2.10E+00	7.30E+00
WG	W-10	L11931-10	1/15/2007	Zn-65	-9.40E+00	4.10E+00	1.70E+01
WG	W-10	L11931-10	1/15/2007	Zr-95	2.70E+00	3.10E+00	1.10E+01
WG	W-11	L11931-11	1/15/2007	AcTh-228	-1.80E+00	5.20E+00	1.90E+01
WG	W-11	L11931-11	1/15/2007	Ag-108m	2.40E+00	2.00E+00	6.50E+00
WG	W-11	L11931-11	1/15/2007	Ag-110m	1.70E+00	1.80E+00	6.20E+00
WG	W-11	L11931-11	1/15/2007	Ba-140	-6.00E-01	1.90E+00	7.10E+00
WG	W-11	L11931-11	1/15/2007	Be-7	1.00E+01	1.20E+01	4.00E+01
WG	W-11	L11931-11	1/15/2007	Ce-141	-2.00E-01	2.30E+00	8.00E+00
WG	W-11	L11931-11	1/15/2007	Ce-144	-7.10E+00	7.50E+00	2.60E+01
WG	W-11	L11931-11	1/15/2007	Co-57	9.40E-01	9.80E-01	3.30E+00
WG	W-11	L11931-11	1/15/2007	Co-58	3.00E-01	1.50E+00	5.10E+00
WG	W-11	L11931-11	1/15/2007	Co-60	-1.90E+00	1.30E+00	5.30E+00
WG	W-11	L11931-11	1/15/2007	Cr-51	-6.00E+00	1.40E+01	4.80E+01
WG	W-11	L11931-11	1/15/2007	Cs-134	-1.10E+00	1.50E+00	5.60E+00
WG	W-11	L11931-11	1/15/2007	Cs-137	-1.20E+00	1.40E+00	5.10E+00
WG	W-11	L11931-11	1/15/2007	Fe-59	2.60E+00	2.90E+00	1.00E+01
WG	W-11	L11931-11	1/15/2007	H-3	-1.80E+02	4.50E+02	1.30E+03
WG	W-11	L11931-11	1/15/2007	I-131	2.90E+00	2.60E+00	8.80E+00
WG	W-11	L11931-11	1/15/2007	K-40	1.60E+01	2.00E+01	6.80E+01
WG	W-11	L11931-11	1/15/2007	La-140	-7.00E-01	2.10E+00	8.20E+00
WG	W-11	L11931-11	1/15/2007	Mn-54	2.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-11	L11931-11	1/15/2007	Nb-95	6.00E-01	1.50E+00	5.30E+00
WG	W-11	L11931-11	1/15/2007	Ru-103	-1.90E+00	1.70E+00	6.20E+00
WG	W-11	L11931-11	1/15/2007	Ru-106	-1.00E+00	1.40E+01	4.80E+01
WG	W-11	L11931-11	1/15/2007	Sb-124	5.00E-01	2.80E+00	1.10E+01
WG	W-11	L11931-11	1/15/2007	Sb-125	-1.20E+00	3.70E+00	1.30E+01
WG	W-11	L11931-11	1/15/2007	Se-75	1.10E+00	1.80E+00	6.10E+00
WG	W-11	L11931-11	1/15/2007	Zn-65	-4.50E+00	3.20E+00	1.20E+01
WG	W-11	L11931-11	1/15/2007	Zr-95	2.60E+00	2.40E+00	8.10E+00
WG	W-12	L11931-12	1/15/2007	AcTh-228	1.30E+00	5.60E+00	2.00E+01
WG	W-12	L11931-12	1/15/2007	Ag-108m	7.00E-01	1.20E+00	3.90E+00
WG	W-12	L11931-12	1/15/2007	Ag-110m	-1.30E+00	1.60E+00	6.20E+00
WG	W-12	L11931-12	1/15/2007	Ba-140	-3.40E+00	2.30E+00	9.20E+00
WG	W-12	L11931-12	1/15/2007	Be-7	1.10E+01	1.10E+01	3.60E+01
WG	W-12	L11931-12	1/15/2007	Ce-141	2.80E+00	2.00E+00	6.60E+00
WG	W-12	L11931-12	1/15/2007	Ce-144	-3.00E-01	7.80E+00	2.70E+01
WG	W-12	L11931-12	1/15/2007	Co-57	-2.90E-01	9.20E-01	3.20E+00
WG	W-12	L11931-12	1/15/2007	Co-58	-4.00E-01	1.30E+00	4.70E+00
WG	W-12	L11931-12	1/15/2007	Co-60	-1.70E+00	1.50E+00	5.70E+00
WG	W-12	L11931-12	1/15/2007	Cr-51	1.20E+01	1.20E+01	4.10E+01
WG	W-12	L11931-12	1/15/2007	Cs-134	7.00E-01	1.30E+00	4.60E+00
WG	W-12	L11931-12	1/15/2007	Cs-137	-1.30E+00	1.30E+00	4.70E+00
WG	W-12	L11931-12	1/15/2007	Fe-59	-4.10E+00	2.80E+00	1.10E+01
WG	W-12	L11931-12	1/15/2007	H-3	-5.40E+02	4.40E+02	1.30E+03
WG	W-12	L11931-12	1/15/2007	I-131	4.90E+00	2.60E+00	8.60E+00
WG	W-12	L11931-12	1/15/2007	K-40	-7.00E+00	2.10E+01	7.50E+01
WG	W-12	L11931-12	1/15/2007	La-140	-3.90E+00	2.70E+00	1.10E+01
WG	W-12	L11931-12	1/15/2007	Mn-54	-7.00E-01	1.40E+00	5.00E+00
WG	W-12	L11931-12	1/15/2007	Nb-95	-1.50E+00	1.50E+00	5.70E+00
WG	W-12	L11931-12	1/15/2007	Ru-103	1.10E+00	1.60E+00	5.50E+00
WG	W-12	L11931-12	1/15/2007	Ru-106	-2.00E+01	1.30E+01	4.90E+01
WG	W-12	L11931-12	1/15/2007	Sb-124	1.00E+00	3.30E+00	1.20E+01
WG	W-12	L11931-12	1/15/2007	Sb-125	-1.10E+00	3.50E+00	1.20E+01
WG	W-12	L11931-12	1/15/2007	Se-75	5.00E-01	1.60E+00	5.60E+00
WG	W-12	L11931-12	1/15/2007	Zn-65	-8.00E+00	3.20E+00	1.30E+01
WG	W-12	L11931-12	1/15/2007	Zr-95	-2.20E+00	2.40E+00	8.90E+00
WG	W-13	L11931-13	1/15/2007	AcTh-228	5.00E-01	4.30E+00	1.50E+01
WG	W-13	L11931-13	1/15/2007	Ag-108m	-5.10E-01	8.80E-01	3.10E+00
WG	W-13	L11931-13	1/15/2007	Ag-110m	-4.00E-01	1.40E+00	5.10E+00
WG	W-13	L11931-13	1/15/2007	Ba-140	-1.60E+00	1.90E+00	7.30E+00
WG	W-13	L11931-13	1/15/2007	Be-7	-1.10E+01	8.80E+00	3.20E+01
WG	W-13	L11931-13	1/15/2007	Ce-141	-1.00E-01	1.90E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-13	L11931-13	1/15/2007	Ce-144	2.50E+00	6.00E+00	2.00E+01
WG	W-13	L11931-13	1/15/2007	Co-57	-1.00E-02	7.70E-01	2.60E+00
WG	W-13	L11931-13	1/15/2007	Co-58	-9.00E-01	1.10E+00	4.10E+00
WG	W-13	L11931-13	1/15/2007	Co-60	2.00E+00	1.30E+00	4.10E+00
WG	W-13	L11931-13	1/15/2007	Cr-51	-1.00E+00	1.10E+01	3.60E+01
WG	W-13	L11931-13	1/15/2007	Cs-134	5.00E-01	1.10E+00	3.60E+00
WG	W-13	L11931-13	1/15/2007	Cs-137	-2.10E+00	1.00E+00	3.90E+00
WG	W-13	L11931-13	1/15/2007	Fe-59	-3.50E+00	2.40E+00	8.90E+00
WG	W-13	L11931-13	1/15/2007	H-3	3.50E+02	4.60E+02	1.30E+03
WG	W-13	L11931-13	1/15/2007	I-131	4.00E+00	2.50E+00	8.40E+00
WG	W-13	L11931-13	1/15/2007	K-40	2.40E+01	1.60E+01	5.30E+01
WG	W-13	L11931-13	1/15/2007	La-140	-1.80E+00	2.20E+00	8.40E+00
WG	W-13	L11931-13	1/15/2007	Mn-54	-1.10E+00	1.10E+00	4.00E+00
WG	W-13	L11931-13	1/15/2007	Nb-95	-8.00E-01	1.40E+00	5.00E+00
WG	W-13	L11931-13	1/15/2007	Ru-103	-2.00E-01	1.20E+00	4.30E+00
WG	W-13	L11931-13	1/15/2007	Ru-106	9.00E+00	1.00E+01	3.50E+01
WG	W-13	L11931-13	1/15/2007	Sb-124	-8.00E-01	1.20E+00	4.80E+00
WG	W-13	L11931-13	1/15/2007	Sb-125	1.70E+00	2.80E+00	9.50E+00
WG	W-13	L11931-13	1/15/2007	Se-75	8.00E-01	1.30E+00	4.30E+00
WG	W-13	L11931-13	1/15/2007	Zn-65	-8.00E-01	2.40E+00	8.40E+00
WG	W-13	L11931-13	1/15/2007	Zr-95	-8.00E-01	2.10E+00	7.30E+00
WG	W-14	L11931-14	1/15/2007	AcTh-228	-4.40E+00	5.60E+00	2.10E+01
WG	W-14	L11931-14	1/15/2007	Ag-108m	-8.00E-01	1.30E+00	4.60E+00
WG	W-14	L11931-14	1/15/2007	Ag-110m	-7.00E-01	1.90E+00	7.20E+00
WG	W-14	L11931-14	1/15/2007	Ba-140	1.60E+00	2.40E+00	8.50E+00
WG	W-14	L11931-14	1/15/2007	Be-7	2.50E+01	1.20E+01	3.90E+01
WG	W-14	L11931-14	1/15/2007	Ce-141	2.80E+00	2.40E+00	7.90E+00
WG	W-14	L11931-14	1/15/2007	Ce-144	-5.30E+00	8.20E+00	2.90E+01
WG	W-14	L11931-14	1/15/2007	Co-57	7.00E-01	1.10E+00	3.70E+00
WG	W-14	L11931-14	1/15/2007	Co-58	-1.40E+00	1.60E+00	6.00E+00
WG	W-14	L11931-14	1/15/2007	Co-60	-1.70E+00	1.60E+00	6.40E+00
WG	W-14	L11931-14	1/15/2007	Cr-51	-1.00E+00	1.40E+01	5.00E+01
WG	W-14	L11931-14	1/15/2007	Cs-134	-6.00E-01	1.50E+00	5.60E+00
WG	W-14	L11931-14	1/15/2007	Cs-137	-2.80E+00	1.50E+00	5.80E+00
WG	W-14	L11931-14	1/15/2007	Fe-59	2.00E+00	3.40E+00	1.20E+01
WG	W-14	L11931-14	1/15/2007	H-3	1.80E+02	4.50E+02	1.30E+03
WG	W-14	L11931-14	1/15/2007	I-131	6.70E+00	2.90E+00	9.10E+00
WG	W-14	L11931-14	1/15/2007	K-40	4.60E+01	2.60E+01	8.40E+01
WG	W-14	L11931-14	1/15/2007	La-140	1.80E+00	2.80E+00	9.80E+00
WG	W-14	L11931-14	1/15/2007	Mn-54	3.00E-01	1.50E+00	5.20E+00
WG	W-14	L11931-14	1/15/2007	Nb-95	-1.00E+00	1.90E+00	6.80E+00
WG	W-14	L11931-14	1/15/2007	Ru-103	1.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-14	L11931-14	1/15/2007	Ru-106	-2.50E+01	1.50E+01	5.80E+01
WG	W-14	L11931-14	1/15/2007	Sb-124	5.20E+00	3.30E+00	1.10E+01
WG	W-14	L11931-14	1/15/2007	Sb-125	2.80E+00	3.90E+00	1.30E+01
WG	W-14	L11931-14	1/15/2007	Se-75	-1.40E+00	1.80E+00	6.30E+00
WG	W-14	L11931-14	1/15/2007	Zn-65	-1.00E+01	3.90E+00	1.60E+01
WG	W-14	L11931-14	1/15/2007	Zr-95	-2.80E+00	2.90E+00	1.10E+01
WG	W-15	L11931-15	1/15/2007	AcTh-228	-9.00E-01	6.40E+00	2.30E+01
WG	W-15	L11931-15	1/15/2007	Ag-108m	1.40E+00	1.30E+00	4.40E+00
WG	W-15	L11931-15	1/15/2007	Ag-110m	-3.50E+00	2.20E+00	8.40E+00
WG	W-15	L11931-15	1/15/2007	Ba-140	0.00E+00	2.60E+00	9.60E+00
WG	W-15	L11931-15	1/15/2007	Be-7	4.00E+00	1.20E+01	4.20E+01
WG	W-15	L11931-15	1/15/2007	Ce-141	-2.00E-01	2.10E+00	7.00E+00
WG	W-15	L11931-15	1/15/2007	Ce-144	-2.00E+00	7.60E+00	2.60E+01
WG	W-15	L11931-15	1/15/2007	Co-57	-5.40E-01	9.60E-01	3.30E+00
WG	W-15	L11931-15	1/15/2007	Co-58	8.00E-01	1.60E+00	5.60E+00
WG	W-15	L11931-15	1/15/2007	Co-60	-1.00E+00	1.90E+00	7.20E+00
WG	W-15	L11931-15	1/15/2007	Cr-51	1.50E+01	1.20E+01	4.00E+01
WG	W-15	L11931-15	1/15/2007	Cs-134	1.00E-01	1.70E+00	5.90E+00
WG	W-15	L11931-15	1/15/2007	Cs-137	0.00E+00	1.50E+00	5.40E+00
WG	W-15	L11931-15	1/15/2007	Fe-59	-4.00E-01	3.30E+00	1.20E+01
WG	W-15	L11931-15	1/15/2007	H-3	1.70E+02	4.40E+02	1.30E+03
WG	W-15	L11931-15	1/15/2007	I-131	-7.00E-01	2.50E+00	8.80E+00
WG	W-15	L11931-15	1/15/2007	K-40	-3.70E+01	2.40E+01	9.20E+01
WG	W-15	L11931-15	1/15/2007	La-140	0.00E+00	3.00E+00	1.10E+01
WG	W-15	L11931-15	1/15/2007	Mn-54	7.00E-01	1.60E+00	5.60E+00
WG	W-15	L11931-15	1/15/2007	Nb-95	1.20E+00	1.60E+00	5.60E+00
WG	W-15	L11931-15	1/15/2007	Ru-103	-1.30E+00	1.50E+00	5.40E+00
WG	W-15	L11931-15	1/15/2007	Ru-106	2.70E+01	1.20E+01	3.70E+01
WG	W-15	L11931-15	1/15/2007	Sb-124	4.80E+00	4.20E+00	1.40E+01
WG	W-15	L11931-15	1/15/2007	Sb-125	-7.10E+00	3.50E+00	1.30E+01
WG	W-15	L11931-15	1/15/2007	Se-75	0.00E+00	1.50E+00	5.30E+00
WG	W-15	L11931-15	1/15/2007	Zn-65	1.70E+00	3.80E+00	1.30E+01
WG	W-15	L11931-15	1/15/2007	Zr-95	4.00E-01	3.00E+00	1.10E+01
WG	MW-20	L11931-16	1/15/2007	AcTh-228	-7.10E+00	7.50E+00	2.90E+01
WG	MW-20	L11931-16	1/15/2007	Ag-108m	1.50E+00	1.60E+00	5.60E+00
WG	MW-20	L11931-16	1/15/2007	Ag-110m	6.30E+00	2.80E+00	8.60E+00
WG	MW-20	L11931-16	1/15/2007	Ba-140	-6.00E-01	2.00E+00	8.40E+00
WG	MW-20	L11931-16	1/15/2007	Be-7	1.40E+01	1.90E+01	6.60E+01
WG	MW-20	L11931-16	1/15/2007	Ce-141	3.80E+00	3.20E+00	1.10E+01
WG	MW-20	L11931-16	1/15/2007	Ce-144	1.60E+01	1.00E+01	3.30E+01
WG	MW-20	L11931-16	1/15/2007	Co-57	2.30E+00	1.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-20	L11931-16	1/15/2007	Co-58	2.30E+00	2.00E+00	6.70E+00
WG	MW-20	L11931-16	1/15/2007	Co-60	-1.10E+00	1.70E+00	6.90E+00
WG	MW-20	L11931-16	1/15/2007	Cr-51	1.20E+01	1.70E+01	5.90E+01
WG	MW-20	L11931-16	1/15/2007	Cs-134	2.80E+00	2.00E+00	6.80E+00
WG	MW-20	L11931-16	1/15/2007	Cs-137	-3.90E+00	1.80E+00	7.40E+00
WG	MW-20	L11931-16	1/15/2007	Fe-59	6.70E+00	3.90E+00	1.20E+01
WG	MW-20	L11931-16	1/15/2007	H-3	2.00E+02	4.30E+02	1.30E+03
WG	MW-20	L11931-16	1/15/2007	I-131	-3.80E+00	3.60E+00	1.30E+01
WG	MW-20	L11931-16	1/15/2007	K-40	5.10E+01	2.80E+01	9.00E+01
WG	MW-20	L11931-16	1/15/2007	La-140	-6.00E-01	2.30E+00	9.70E+00
WG	MW-20	L11931-16	1/15/2007	Mn-54	1.20E+00	1.80E+00	6.40E+00
WG	MW-20	L11931-16	1/15/2007	Nb-95	-1.10E+00	1.90E+00	7.20E+00
WG	MW-20	L11931-16	1/15/2007	Ru-103	-6.30E+00	2.30E+00	9.00E+00
WG	MW-20	L11931-16	1/15/2007	Ru-106	-1.60E+01	1.90E+01	6.90E+01
WG	MW-20	L11931-16	1/15/2007	Sb-124	5.40E+00	4.00E+00	1.30E+01
WG	MW-20	L11931-16	1/15/2007	Sb-125	5.10E+00	4.40E+00	1.50E+01
WG	MW-20	L11931-16	1/15/2007	Se-75	7.00E-01	2.10E+00	7.40E+00
WG	MW-20	L11931-16	1/15/2007	Zn-65	-1.00E+01	5.10E+00	2.00E+01
WG	MW-20	L11931-16	1/15/2007	Zr-95	4.00E-01	2.80E+00	1.00E+01
WG	MW-21	L11931-17	1/15/2007	AcTh-228	7.20E+00	6.90E+00	2.40E+01
WG	MW-21	L11931-17	1/15/2007	Ag-108m	5.00E-01	1.50E+00	5.40E+00
WG	MW-21	L11931-17	1/15/2007	Ag-110m	-7.00E-01	2.30E+00	8.70E+00
WG	MW-21	L11931-17	1/15/2007	Ba-140	-1.10E+00	2.40E+00	9.80E+00
WG	MW-21	L11931-17	1/15/2007	Be-7	-1.90E+01	1.40E+01	5.30E+01
WG	MW-21	L11931-17	1/15/2007	Ce-141	-1.60E+00	2.70E+00	9.50E+00
WG	MW-21	L11931-17	1/15/2007	Ce-144	2.80E+00	9.30E+00	3.20E+01
WG	MW-21	L11931-17	1/15/2007	Co-57	-2.00E-01	1.30E+00	4.40E+00
WG	MW-21	L11931-17	1/15/2007	Co-58	-1.90E+00	1.90E+00	7.10E+00
WG	MW-21	L11931-17	1/15/2007	Co-60	6.00E-01	1.50E+00	5.60E+00
WG	MW-21	L11931-17	1/15/2007	Cr-51	3.00E+00	1.50E+01	5.40E+01
WG	MW-21	L11931-17	1/15/2007	Cs-134	1.30E+00	1.80E+00	6.40E+00
WG	MW-21	L11931-17	1/15/2007	Cs-137	-2.80E+00	1.60E+00	6.60E+00
WG	MW-21	L11931-17	1/15/2007	Fe-59	3.00E-01	3.90E+00	1.40E+01
WG	MW-21	L11931-17	1/15/2007	H-3	5.00E+02	4.40E+02	1.30E+03
WG	MW-21	L11931-17	1/15/2007	I-131	3.20E+00	3.60E+00	1.20E+01
WG	MW-21	L11931-17	1/15/2007	K-40	-4.00E+00	2.40E+01	8.80E+01
WG	MW-21	L11931-17	1/15/2007	La-140	-1.20E+00	2.80E+00	1.10E+01
WG	MW-21	L11931-17	1/15/2007	Mn-54	5.00E-01	1.80E+00	6.30E+00
WG	MW-21	L11931-17	1/15/2007	Nb-95	3.00E-01	2.00E+00	7.20E+00
WG	MW-21	L11931-17	1/15/2007	Ru-103	-4.00E-01	1.90E+00	6.80E+00
WG	MW-21	L11931-17	1/15/2007	Ru-106	-1.00E+01	1.80E+01	6.60E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-21	L11931-17	1/15/2007	Sb-124	1.70E+00	4.60E+00	1.70E+01
WG	MW-21	L11931-17	1/15/2007	Sb-125	-1.80E+00	4.10E+00	1.50E+01
WG	MW-21	L11931-17	1/15/2007	Se-75	1.30E+00	2.20E+00	7.40E+00
WG	MW-21	L11931-17	1/15/2007	Zn-65	-3.20E+00	4.50E+00	1.70E+01
WG	MW-21	L11931-17	1/15/2007	Zr-95	-3.30E+00	3.20E+00	1.20E+01
WG	W-1	L12300-01	4/17/2007	AcTh-228	2.20E+00	7.00E+00	2.50E+01
WG	W-1	L12300-01	4/17/2007	Ag-108m	-6.00E-01	1.40E+00	5.00E+00
WG	W-1	L12300-01	4/17/2007	Ag-110m	2.00E+00	2.50E+00	8.50E+00
WG	W-1	L12300-01	4/17/2007	Ba-140	-6.30E+00	2.80E+00	1.30E+01
WG	W-1	L12300-01	4/17/2007	Be-7	1.90E+01	1.50E+01	5.10E+01
WG	W-1	L12300-01	4/17/2007	Ce-141	6.20E+00	4.30E+00	1.40E+01
WG	W-1	L12300-01	4/17/2007	Ce-144	2.00E+00	1.00E+01	3.60E+01
WG	W-1	L12300-01	4/17/2007	Co-57	8.00E-01	1.30E+00	4.50E+00
WG	W-1	L12300-01	4/17/2007	Co-58	1.00E+00	1.60E+00	5.80E+00
WG	W-1	L12300-01	4/17/2007	Co-60	5.20E+00	2.10E+00	6.50E+00
WG	W-1	L12300-01	4/17/2007	Cr-51	-3.40E+01	1.70E+01	6.50E+01
WG	W-1	L12300-01	4/17/2007	Cs-134	2.60E+00	1.90E+00	6.40E+00
WG	W-1	L12300-01	4/17/2007	Cs-137	6.00E-01	1.80E+00	6.40E+00
WG	W-1	L12300-01	4/17/2007	Fe-59	4.60E+00	3.90E+00	1.30E+01
WG	W-1	L12300-01	4/17/2007	H-3	-2.30E+02	4.30E+02	1.30E+03
WG	W-1	L12300-01	4/17/2007	I-131	2.10E+00	3.50E+00	1.20E+01
WG	W-1	L12300-01	4/17/2007	K-40	-8.00E+00	2.80E+01	1.00E+02
WG	W-1	L12300-01	4/17/2007	La-140	-7.30E+00	3.20E+00	1.40E+01
WG	W-1	L12300-01	4/17/2007	Mn-54	-1.60E+00	1.80E+00	7.00E+00
WG	W-1	L12300-01	4/17/2007	Nb-95	1.10E+00	2.30E+00	8.10E+00
WG	W-1	L12300-01	4/17/2007	Ru-103	-1.00E+00	2.00E+00	7.40E+00
WG	W-1	L12300-01	4/17/2007	Ru-106	6.00E+00	1.70E+01	5.90E+01
WG	W-1	L12300-01	4/17/2007	Sb-124	-5.30E+00	4.30E+00	1.80E+01
WG	W-1	L12300-01	4/17/2007	Sb-125	-4.20E+00	4.70E+00	1.70E+01
WG	W-1	L12300-01	4/17/2007	Se-75	7.00E-01	2.10E+00	7.40E+00
WG	W-1	L12300-01	4/17/2007	Zn-65	-2.80E+00	7.20E+00	2.60E+01
WG	W-1	L12300-01	4/17/2007	Zr-95	1.30E+00	3.30E+00	1.20E+01
WG	W-2	L12300-02	4/17/2007	AcTh-228	-4.00E-01	6.40E+00	2.30E+01
WG	W-2	L12300-02	4/17/2007	Ag-108m	6.00E-01	1.40E+00	4.80E+00
WG	W-2	L12300-02	4/17/2007	Ag-110m	-1.40E+00	2.40E+00	9.10E+00
WG	W-2	L12300-02	4/17/2007	Ba-140	2.20E+00	3.40E+00	1.20E+01
WG	W-2	L12300-02	4/17/2007	Be-7	-2.40E+01	1.40E+01	5.40E+01
WG	W-2	L12300-02	4/17/2007	Ce-141	5.00E-01	2.30E+00	8.00E+00
WG	W-2	L12300-02	4/17/2007	Ce-144	5.10E+00	8.70E+00	2.90E+01
WG	W-2	L12300-02	4/17/2007	Co-57	5.00E-01	1.10E+00	3.80E+00
WG	W-2	L12300-02	4/17/2007	Co-58	-3.20E+00	1.80E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-2	L12300-02	4/17/2007	Co-60	-4.20E+00	2.30E+00	9.30E+00
WG	W-2	L12300-02	4/17/2007	Cr-51	3.30E+01	1.40E+01	4.30E+01
WG	W-2	L12300-02	4/17/2007	Cs-134	1.60E+00	1.80E+00	6.30E+00
WG	W-2	L12300-02	4/17/2007	Cs-137	-1.70E+00	1.60E+00	6.20E+00
WG	W-2	L12300-02	4/17/2007	Fe-59	-2.10E+00	3.40E+00	1.30E+01
WG	W-2	L12300-02	4/17/2007	H-3	-2.60E+02	4.30E+02	1.30E+03
WG	W-2	L12300-02	4/17/2007	I-131	9.00E-01	3.00E+00	1.10E+01
WG	W-2	L12300-02	4/17/2007	K-40	2.10E+01	2.90E+01	1.00E+02
WG	W-2	L12300-02	4/17/2007	La-140	2.50E+00	3.90E+00	1.40E+01
WG	W-2	L12300-02	4/17/2007	Mn-54	-1.00E+00	1.70E+00	6.30E+00
WG	W-2	L12300-02	4/17/2007	Nb-95	-7.00E-01	2.10E+00	7.80E+00
WG	W-2	L12300-02	4/17/2007	Ru-103	-3.20E+00	1.60E+00	6.10E+00
WG	W-2	L12300-02	4/17/2007	Ru-106	-1.80E+01	1.60E+01	6.00E+01
WG	W-2	L12300-02	4/17/2007	Sb-124	0.00E+00	4.10E+00	1.60E+01
WG	W-2	L12300-02	4/17/2007	Sb-125	4.20E+00	4.00E+00	1.30E+01
WG	W-2	L12300-02	4/17/2007	Se-75	2.10E+00	1.80E+00	5.90E+00
WG	W-2	L12300-02	4/17/2007	Zn-65	3.20E+00	4.30E+00	1.50E+01
WG	W-2	L12300-02	4/17/2007	Zr-95	-7.70E+00	3.30E+00	1.30E+01
WG	W-3	L12300-03	4/16/2007	AcTh-228	-3.10E+00	7.20E+00	2.70E+01
WG	W-3	L12300-03	4/16/2007	Ag-108m	-1.40E+00	1.50E+00	5.80E+00
WG	W-3	L12300-03	4/16/2007	Ag-110m	-2.40E+00	2.40E+00	9.50E+00
WG	W-3	L12300-03	4/16/2007	Ba-140	-2.10E+00	3.20E+00	1.30E+01
WG	W-3	L12300-03	4/16/2007	Be-7	2.30E+01	1.60E+01	5.30E+01
WG	W-3	L12300-03	4/16/2007	Ce-141	3.40E+00	2.80E+00	9.20E+00
WG	W-3	L12300-03	4/16/2007	Ce-144	-7.00E+00	1.10E+01	3.80E+01
WG	W-3	L12300-03	4/16/2007	Co-57	-6.00E-01	1.30E+00	4.70E+00
WG	W-3	L12300-03	4/16/2007	Co-58	1.70E+00	1.90E+00	6.70E+00
WG	W-3	L12300-03	4/16/2007	Co-60	1.10E+00	2.10E+00	7.70E+00
WG	W-3	L12300-03	4/16/2007	Cr-51	-1.40E+01	1.80E+01	6.50E+01
WG	W-3	L12300-03	4/16/2007	Cs-134	1.80E+00	2.00E+00	7.00E+00
WG	W-3	L12300-03	4/16/2007	Cs-137	4.00E-01	1.80E+00	6.60E+00
WG	W-3	L12300-03	4/16/2007	Fe-59	-1.30E+00	4.00E+00	1.50E+01
WG	W-3	L12300-03	4/16/2007	H-3	1.60E+02	4.40E+02	1.30E+03
WG	W-3	L12300-03	4/16/2007	I-131	0.00E+00	3.70E+00	1.30E+01
WG	W-3	L12300-03	4/16/2007	K-40	-1.60E+01	2.60E+01	1.00E+02
WG	W-3	L12300-03	4/16/2007	La-140	-2.40E+00	3.60E+00	1.50E+01
WG	W-3	L12300-03	4/16/2007	Mn-54	1.60E+00	1.80E+00	6.10E+00
WG	W-3	L12300-03	4/16/2007	Nb-95	4.00E-01	2.20E+00	7.80E+00
WG	W-3	L12300-03	4/16/2007	Ru-103	-1.50E+00	2.20E+00	8.20E+00
WG	W-3	L12300-03	4/16/2007	Ru-106	3.50E+01	1.80E+01	5.80E+01
WG	W-3	L12300-03	4/16/2007	Sb-124	2.10E+00	4.20E+00	1.60E+01
WG	W-3	L12300-03	4/16/2007	Sb-125	-9.40E+00	5.20E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-3	L12300-03	4/16/2007	Se-75	-1.20E+00	2.30E+00	8.30E+00
WG	W-3	L12300-03	4/16/2007	Zn-65	-7.80E+00	4.20E+00	1.80E+01
WG	W-3	L12300-03	4/16/2007	Zr-95	0.00E+00	3.00E+00	1.10E+01
WG	W-4	L12300-04	4/18/2007	AcTh-228	9.70E+00	7.50E+00	2.50E+01
WG	W-4	L12300-04	4/18/2007	Ag-108m	6.00E-01	1.40E+00	4.90E+00
WG	W-4	L12300-04	4/18/2007	Ag-110m	-1.30E+00	2.40E+00	9.00E+00
WG	W-4	L12300-04	4/18/2007	Ba-140	0.00E+00	3.20E+00	1.20E+01
WG	W-4	L12300-04	4/18/2007	Be-7	1.00E+01	1.40E+01	5.00E+01
WG	W-4	L12300-04	4/18/2007	Ce-141	-2.20E+00	2.50E+00	8.90E+00
WG	W-4	L12300-04	4/18/2007	Ce-144	8.20E+00	8.10E+00	2.70E+01
WG	W-4	L12300-04	4/18/2007	Co-57	1.32E+00	9.80E-01	3.30E+00
WG	W-4	L12300-04	4/18/2007	Co-58	-3.00E-01	1.80E+00	6.60E+00
WG	W-4	L12300-04	4/18/2007	Co-60	4.40E+00	2.10E+00	6.70E+00
WG	W-4	L12300-04	4/18/2007	Cr-51	2.50E+01	1.30E+01	4.30E+01
WG	W-4	L12300-04	4/18/2007	Cs-134	-1.60E+00	1.90E+00	7.50E+00
WG	W-4	L12300-04	4/18/2007	Cs-137	1.20E+00	1.60E+00	5.70E+00
WG	W-4	L12300-04	4/18/2007	Fe-59	6.40E+00	4.40E+00	1.50E+01
WG	W-4	L12300-04	4/18/2007	H-3	1.01E+03	4.50E+02	1.30E+03
WG	W-4	L12300-04	4/18/2007	I-131	-2.30E+00	3.00E+00	1.10E+01
WG	W-4	L12300-04	4/18/2007	K-40	4.70E+01	2.80E+01	9.00E+01
WG	W-4	L12300-04	4/18/2007	La-140	0.00E+00	3.70E+00	1.40E+01
WG	W-4	L12300-04	4/18/2007	Mn-54	-1.60E+00	1.70E+00	6.60E+00
WG	W-4	L12300-04	4/18/2007	Nb-95	-3.20E+00	2.40E+00	9.10E+00
WG	W-4	L12300-04	4/18/2007	Ru-103	-2.00E+00	1.80E+00	6.80E+00
WG	W-4	L12300-04	4/18/2007	Ru-106	4.00E+00	1.60E+01	5.60E+01
WG	W-4	L12300-04	4/18/2007	Sb-124	-3.10E+00	5.40E+00	2.20E+01
WG	W-4	L12300-04	4/18/2007	Sb-125	4.60E+00	4.90E+00	1.70E+01
WG	W-4	L12300-04	4/18/2007	Se-75	3.00E-01	1.90E+00	6.80E+00
WG	W-4	L12300-04	4/18/2007	Zn-65	6.60E+00	8.00E+00	2.70E+01
WG	W-4	L12300-04	4/18/2007	Zr-95	-3.60E+00	3.30E+00	1.30E+01
WG	W-5	L12300-05	4/18/2007	AcTh-228	1.00E+00	7.20E+00	2.50E+01
WG	W-5	L12300-05	4/18/2007	Ag-108m	3.00E-01	1.40E+00	4.70E+00
WG	W-5	L12300-05	4/18/2007	Ag-110m	2.10E+00	2.30E+00	7.70E+00
WG	W-5	L12300-05	4/18/2007	Ba-140	-2.30E+00	2.50E+00	9.90E+00
WG	W-5	L12300-05	4/18/2007	Be-7	-1.00E+00	1.40E+01	4.80E+01
WG	W-5	L12300-05	4/18/2007	Ce-141	1.80E+00	2.60E+00	8.90E+00
WG	W-5	L12300-05	4/18/2007	Ce-144	-5.10E+00	8.90E+00	3.10E+01
WG	W-5	L12300-05	4/18/2007	Co-57	1.10E+00	1.20E+00	3.90E+00
WG	W-5	L12300-05	4/18/2007	Co-58	-2.90E+00	1.70E+00	6.40E+00
WG	W-5	L12300-05	4/18/2007	Co-60	1.10E+00	1.80E+00	6.20E+00
WG	W-5	L12300-05	4/18/2007	Cr-51	2.30E+01	1.50E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-5	L12300-05	4/18/2007	Cs-134	5.00E-01	1.70E+00	6.10E+00
WG	W-5	L12300-05	4/18/2007	Cs-137	-2.60E+00	1.50E+00	5.90E+00
WG	W-5	L12300-05	4/18/2007	Fe-59	2.40E+00	3.60E+00	1.20E+01
WG	W-5	L12300-05	4/18/2007	H-3	1.00E+03	4.70E+02	1.30E+03
WG	W-5	L12300-05	4/18/2007	I-131	2.50E+00	3.10E+00	1.10E+01
WG	W-5	L12300-05	4/18/2007	K-40	1.07E+02	3.00E+01	9.10E+01 *
WG	W-5	L12300-05	4/18/2007	La-140	-2.70E+00	2.90E+00	1.10E+01
WG	W-5	L12300-05	4/18/2007	Mn-54	-2.30E+00	1.50E+00	5.60E+00
WG	W-5	L12300-05	4/18/2007	Nb-95	3.50E+00	2.90E+00	9.80E+00
WG	W-5	L12300-05	4/18/2007	Ru-103	-3.10E+00	1.90E+00	6.90E+00
WG	W-5	L12300-05	4/18/2007	Ru-106	-1.10E+01	1.60E+01	5.70E+01
WG	W-5	L12300-05	4/18/2007	Sb-124	-4.30E+00	3.20E+00	1.40E+01
WG	W-5	L12300-05	4/18/2007	Sb-125	-1.00E+00	4.00E+00	1.40E+01
WG	W-5	L12300-05	4/18/2007	Se-75	4.00E-01	2.00E+00	6.80E+00
WG	W-5	L12300-05	4/18/2007	Zn-65	1.29E+01	7.50E+00	2.50E+01
WG	W-5	L12300-05	4/18/2007	Zr-95	1.50E+00	2.90E+00	1.00E+01
WG	W-6	L12300-06	4/18/2007	AcTh-228	7.30E+00	5.50E+00	1.80E+01
WG	W-6	L12300-06	4/18/2007	Ag-108m	-2.20E+00	1.30E+00	4.90E+00
WG	W-6	L12300-06	4/18/2007	Ag-110m	1.80E+00	1.90E+00	6.40E+00
WG	W-6	L12300-06	4/18/2007	Ba-140	1.00E-01	2.40E+00	9.00E+00
WG	W-6	L12300-06	4/18/2007	Be-7	1.80E+01	1.20E+01	4.00E+01
WG	W-6	L12300-06	4/18/2007	Ce-141	-3.80E+00	3.30E+00	1.20E+01
WG	W-6	L12300-06	4/18/2007	Ce-144	-3.20E+00	8.90E+00	3.10E+01
WG	W-6	L12300-06	4/18/2007	Co-57	0.00E+00	1.00E+00	3.60E+00
WG	W-6	L12300-06	4/18/2007	Co-58	-3.00E+00	1.50E+00	5.80E+00
WG	W-6	L12300-06	4/18/2007	Co-60	-9.00E-01	1.40E+00	5.30E+00
WG	W-6	L12300-06	4/18/2007	Cr-51	5.00E+00	1.50E+01	5.00E+01
WG	W-6	L12300-06	4/18/2007	Cs-134	1.00E+00	1.60E+00	5.50E+00
WG	W-6	L12300-06	4/18/2007	Cs-137	5.00E-01	1.50E+00	5.10E+00
WG	W-6	L12300-06	4/18/2007	Fe-59	-7.10E+00	3.20E+00	1.30E+01
WG	W-6	L12300-06	4/18/2007	H-3	6.80E+02	4.50E+02	1.30E+03
WG	W-6	L12300-06	4/18/2007	I-131	-1.40E+00	3.20E+00	1.10E+01
WG	W-6	L12300-06	4/18/2007	K-40	5.10E+01	2.20E+01	7.00E+01
WG	W-6	L12300-06	4/18/2007	La-140	1.00E-01	2.80E+00	1.00E+01
WG	W-6	L12300-06	4/18/2007	Mn-54	-1.60E+00	1.70E+00	6.10E+00
WG	W-6	L12300-06	4/18/2007	Nb-95	4.10E+00	2.80E+00	9.30E+00
WG	W-6	L12300-06	4/18/2007	Ru-103	-2.40E+00	1.50E+00	5.70E+00
WG	W-6	L12300-06	4/18/2007	Ru-106	-2.30E+01	1.40E+01	5.30E+01
WG	W-6	L12300-06	4/18/2007	Sb-124	3.90E+00	3.70E+00	1.30E+01
WG	W-6	L12300-06	4/18/2007	Sb-125	-7.60E+00	4.30E+00	1.60E+01
WG	W-6	L12300-06	4/18/2007	Se-75	2.10E+00	1.70E+00	5.70E+00
WG	W-6	L12300-06	4/18/2007	Zn-65	4.20E+00	5.90E+00	2.00E+01

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

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-6	L12300-06	4/18/2007	Zr-95	4.80E+00	2.60E+00	8.40E+00
WG	W-7	L12300-07	4/16/2007	AcTh-228	-2.20E+00	7.20E+00	2.60E+01
WG	W-7	L12300-07	4/16/2007	Ag-108m	9.00E-01	1.30E+00	4.60E+00
WG	W-7	L12300-07	4/16/2007	Ag-110m	1.60E+00	2.40E+00	8.30E+00
WG	W-7	L12300-07	4/16/2007	Ba-140	4.00E+00	3.50E+00	1.20E+01
WG	W-7	L12300-07	4/16/2007	Be-7	-1.20E+01	1.30E+01	5.00E+01
WG	W-7	L12300-07	4/16/2007	Ce-141	-1.50E+00	2.40E+00	8.30E+00
WG	W-7	L12300-07	4/16/2007	Ce-144	-1.60E+00	8.70E+00	3.00E+01
WG	W-7	L12300-07	4/16/2007	Co-57	3.00E-01	1.10E+00	3.60E+00
WG	W-7	L12300-07	4/16/2007	Co-58	3.20E+00	1.90E+00	6.30E+00
WG	W-7	L12300-07	4/16/2007	Co-60	0.00E+00	2.20E+00	8.10E+00
WG	W-7	L12300-07	4/16/2007	Cr-51	-1.70E+01	1.40E+01	5.10E+01
WG	W-7	L12300-07	4/16/2007	Cs-134	-4.00E-01	1.80E+00	6.70E+00
WG	W-7	L12300-07	4/16/2007	Cs-137	-2.00E-01	1.90E+00	6.80E+00
WG	W-7	L12300-07	4/16/2007	Fe-59	-1.70E+00	4.20E+00	1.60E+01
WG	W-7	L12300-07	4/16/2007	H-3	-8.00E+01	4.30E+02	1.30E+03
WG	W-7	L12300-07	4/16/2007	I-131	5.50E+00	3.20E+00	1.10E+01
WG	W-7	L12300-07	4/16/2007	K-40	-3.30E+01	2.40E+01	9.40E+01
WG	W-7	L12300-07	4/16/2007	La-140	4.60E+00	4.10E+00	1.40E+01
WG	W-7	L12300-07	4/16/2007	Mn-54	-2.00E-01	1.70E+00	6.30E+00
WG	W-7	L12300-07	4/16/2007	Nb-95	-6.00E-01	2.00E+00	7.20E+00
WG	W-7	L12300-07	4/16/2007	Ru-103	6.00E-01	1.80E+00	6.20E+00
WG	W-7	L12300-07	4/16/2007	Ru-106	1.70E+01	1.60E+01	5.30E+01
WG	W-7	L12300-07	4/16/2007	Sb-124	-5.60E+00	5.10E+00	2.10E+01
WG	W-7	L12300-07	4/16/2007	Sb-125	-4.50E+00	4.30E+00	1.60E+01
WG	W-7	L12300-07	4/16/2007	Se-75	-6.00E-01	1.90E+00	6.80E+00
WG	W-7	L12300-07	4/16/2007	Zn-65	-4.00E+00	3.70E+00	1.50E+01
WG	W-7	L12300-07	4/16/2007	Zr-95	-1.10E+00	3.30E+00	1.20E+01
WG	W-8	L12300-08	4/17/2007	AcTh-228	1.65E+01	7.00E+00	2.20E+01
WG	W-8	L12300-08	4/17/2007	Ag-108m	-1.40E+00	1.50E+00	5.70E+00
WG	W-8	L12300-08	4/17/2007	Ag-110m	-3.00E+00	2.60E+00	1.00E+01
WG	W-8	L12300-08	4/17/2007	Ba-140	2.00E+00	3.60E+00	1.30E+01
WG	W-8	L12300-08	4/17/2007	Be-7	1.80E+01	1.80E+01	6.00E+01
WG	W-8	L12300-08	4/17/2007	Ce-141	-2.20E+00	3.10E+00	1.10E+01
WG	W-8	L12300-08	4/17/2007	Ce-144	-5.00E+00	1.10E+01	3.80E+01
WG	W-8	L12300-08	4/17/2007	Co-57	0.00E+00	1.30E+00	4.40E+00
WG	W-8	L12300-08	4/17/2007	Co-58	1.20E+00	1.80E+00	6.30E+00
WG	W-8	L12300-08	4/17/2007	Co-60	-3.00E-01	2.00E+00	7.60E+00
WG	W-8	L12300-08	4/17/2007	Cr-51	-1.00E+01	1.80E+01	6.50E+01
WG	W-8	L12300-08	4/17/2007	Cs-134	-3.60E+00	1.90E+00	7.60E+00
WG	W-8	L12300-08	4/17/2007	Cs-137	7.00E-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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-8	L12300-08	4/17/2007	Fe-59	-1.60E+00	4.00E+00	1.50E+01
WG	W-8	L12300-08	4/17/2007	H-3	1.20E+02	4.40E+02	1.30E+03
WG	W-8	L12300-08	4/17/2007	I-131	-3.70E+00	4.00E+00	1.50E+01
WG	W-8	L12300-08	4/17/2007	K-40	1.00E+00	2.90E+01	1.00E+02
WG	W-8	L12300-08	4/17/2007	La-140	2.30E+00	4.10E+00	1.50E+01
WG	W-8	L12300-08	4/17/2007	Mn-54	-5.00E-01	1.80E+00	6.70E+00
WG	W-8	L12300-08	4/17/2007	Nb-95	3.00E-01	3.40E+00	1.20E+01
WG	W-8	L12300-08	4/17/2007	Ru-103	-1.60E+00	1.90E+00	6.90E+00
WG	W-8	L12300-08	4/17/2007	Ru-106	-2.60E+01	1.90E+01	7.10E+01
WG	W-8	L12300-08	4/17/2007	Sb-124	6.30E+00	4.70E+00	1.60E+01
WG	W-8	L12300-08	4/17/2007	Sb-125	1.60E+00	4.70E+00	1.60E+01
WG	W-8	L12300-08	4/17/2007	Se-75	1.00E+00	2.10E+00	7.20E+00
WG	W-8	L12300-08	4/17/2007	Zn-65	1.09E+01	7.60E+00	2.50E+01
WG	W-8	L12300-08	4/17/2007	Zr-95	0.00E+00	3.40E+00	1.20E+01
WG	W-9	L12300-09	4/17/2007	AcTh-228	-8.30E+00	5.90E+00	2.30E+01
WG	W-9	L12300-09	4/17/2007	Ag-108m	-1.00E+00	1.50E+00	5.60E+00
WG	W-9	L12300-09	4/17/2007	Ag-110m	-6.00E-01	2.30E+00	8.60E+00
WG	W-9	L12300-09	4/17/2007	Ba-140	-2.60E+00	3.00E+00	1.20E+01
WG	W-9	L12300-09	4/17/2007	Be-7	2.20E+01	1.50E+01	4.80E+01
WG	W-9	L12300-09	4/17/2007	Ce-141	1.80E+00	2.80E+00	9.60E+00
WG	W-9	L12300-09	4/17/2007	Ce-144	-3.90E+00	9.40E+00	3.30E+01
WG	W-9	L12300-09	4/17/2007	Co-57	0.00E+00	1.20E+00	4.10E+00
WG	W-9	L12300-09	4/17/2007	Co-58	-7.00E-01	1.90E+00	7.10E+00
WG	W-9	L12300-09	4/17/2007	Co-60	4.00E-01	1.50E+00	5.70E+00
WG	W-9	L12300-09	4/17/2007	Cr-51	-2.60E+01	1.70E+01	6.40E+01
WG	W-9	L12300-09	4/17/2007	Cs-134	2.40E+00	1.80E+00	5.90E+00
WG	W-9	L12300-09	4/17/2007	Cs-137	2.00E-01	1.50E+00	5.50E+00
WG	W-9	L12300-09	4/17/2007	Fe-59	-2.00E-01	4.20E+00	1.50E+01
WG	W-9	L12300-09	4/17/2007	H-3	7.00E+01	4.40E+02	1.30E+03
WG	W-9	L12300-09	4/17/2007	I-131	5.50E+00	3.90E+00	1.30E+01
WG	W-9	L12300-09	4/17/2007	K-40	9.30E+01	2.90E+01	8.60E+01 *
WG	W-9	L12300-09	4/17/2007	La-140	-3.00E+00	3.50E+00	1.40E+01
WG	W-9	L12300-09	4/17/2007	Mn-54	1.70E+00	1.50E+00	5.30E+00
WG	W-9	L12300-09	4/17/2007	Nb-95	5.00E-01	1.80E+00	6.50E+00
WG	W-9	L12300-09	4/17/2007	Ru-103	1.40E+00	2.00E+00	7.00E+00
WG	W-9	L12300-09	4/17/2007	Ru-106	-5.00E+00	1.60E+01	6.00E+01
WG	W-9	L12300-09	4/17/2007	Sb-124	-3.20E+00	3.90E+00	1.60E+01
WG	W-9	L12300-09	4/17/2007	Sb-125	0.00E+00	4.70E+00	1.70E+01
WG	W-9	L12300-09	4/17/2007	Se-75	0.00E+00	2.10E+00	7.50E+00
WG	W-9	L12300-09	4/17/2007	Zn-65	-1.06E+01	4.70E+00	1.90E+01
WG	W-9	L12300-09	4/17/2007	Zr-95	-3.60E+00	2.80E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-10	L12300-10	4/16/2007	AcTh-228	-8.00E-01	5.00E+00	1.80E+01
WG	W-10	L12300-10	4/16/2007	Ag-108m	5.00E-01	1.10E+00	4.00E+00
WG	W-10	L12300-10	4/16/2007	Ag-110m	3.50E+00	2.00E+00	6.40E+00
WG	W-10	L12300-10	4/16/2007	Ba-140	5.00E-01	2.90E+00	1.10E+01
WG	W-10	L12300-10	4/16/2007	Be-7	-1.00E+00	1.20E+01	4.10E+01
WG	W-10	L12300-10	4/16/2007	Ce-141	2.00E+00	2.40E+00	8.10E+00
WG	W-10	L12300-10	4/16/2007	Ce-144	2.30E+00	5.80E+00	2.00E+01
WG	W-10	L12300-10	4/16/2007	Co-57	-5.00E-02	7.40E-01	2.60E+00
WG	W-10	L12300-10	4/16/2007	Co-58	1.00E-01	1.30E+00	4.90E+00
WG	W-10	L12300-10	4/16/2007	Co-60	-2.30E+00	1.70E+00	6.80E+00
WG	W-10	L12300-10	4/16/2007	Cr-51	-9.00E+00	1.10E+01	4.00E+01
WG	W-10	L12300-10	4/16/2007	Cs-134	1.60E+00	1.60E+00	5.40E+00
WG	W-10	L12300-10	4/16/2007	Cs-137	1.80E+00	1.30E+00	4.40E+00
WG	W-10	L12300-10	4/16/2007	Fe-59	3.20E+00	3.60E+00	1.20E+01
WG	W-10	L12300-10	4/16/2007	H-3	-4.90E+02	4.30E+02	1.30E+03
WG	W-10	L12300-10	4/16/2007	I-131	-4.00E-01	2.70E+00	9.70E+00
WG	W-10	L12300-10	4/16/2007	K-40	1.60E+01	2.20E+01	7.80E+01
WG	W-10	L12300-10	4/16/2007	La-140	6.00E-01	3.40E+00	1.30E+01
WG	W-10	L12300-10	4/16/2007	Mn-54	-7.00E-01	1.70E+00	6.10E+00
WG	W-10	L12300-10	4/16/2007	Nb-95	-1.10E+00	1.70E+00	6.40E+00
WG	W-10	L12300-10	4/16/2007	Ru-103	7.00E-01	1.40E+00	5.00E+00
WG	W-10	L12300-10	4/16/2007	Ru-106	-7.00E+00	1.30E+01	4.70E+01
WG	W-10	L12300-10	4/16/2007	Sb-124	0.00E+00	3.90E+00	1.50E+01
WG	W-10	L12300-10	4/16/2007	Sb-125	-2.90E+00	3.40E+00	1.20E+01
WG	W-10	L12300-10	4/16/2007	Se-75	-3.00E-01	1.60E+00	5.80E+00
WG	W-10	L12300-10	4/16/2007	Zn-65	0.00E+00	3.50E+00	1.30E+01
WG	W-10	L12300-10	4/16/2007	Zr-95	4.10E+00	2.80E+00	9.40E+00
WG	W-11	L12300-11	4/16/2007	AcTh-228	7.90E+00	3.10E+00	9.80E+00
WG	W-11	L12300-11	4/16/2007	Ag-108m	5.90E-01	7.20E-01	2.40E+00
WG	W-11	L12300-11	4/16/2007	Ag-110m	-6.00E-01	1.20E+00	4.30E+00
WG	W-11	L12300-11	4/16/2007	Ba-140	6.00E-01	2.90E+00	1.00E+01
WG	W-11	L12300-11	4/16/2007	Be-7	1.29E+01	9.60E+00	3.20E+01
WG	W-11	L12300-11	4/16/2007	Ce-141	-2.20E+00	2.10E+00	7.30E+00
WG	W-11	L12300-11	4/16/2007	Ce-144	-9.00E+00	4.80E+00	1.70E+01
WG	W-11	L12300-11	4/16/2007	Co-57	1.41E+00	6.10E-01	2.00E+00
WG	W-11	L12300-11	4/16/2007	Co-58	4.60E-01	9.80E-01	3.40E+00
WG	W-11	L12300-11	4/16/2007	Co-60	3.80E-01	8.40E-01	2.90E+00
WG	W-11	L12300-11	4/16/2007	Cr-51	0.00E+00	1.20E+01	4.00E+01
WG	W-11	L12300-11	4/16/2007	Cs-134	1.35E+00	9.40E-01	3.10E+00
WG	W-11	L12300-11	4/16/2007	Cs-137	-5.00E-01	8.30E-01	2.90E+00
WG	W-11	L12300-11	4/16/2007	Fe-59	-2.80E+00	2.40E+00	8.60E+00
WG	W-11	L12300-11	4/16/2007	H-3	-5.10E+02	4.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-11	L12300-11	4/16/2007	I-131	-8.40E+00	6.10E+00	2.10E+01
WG	W-11	L12300-11	4/16/2007	K-40	-1.40E+01	1.50E+01	5.10E+01
WG	W-11	L12300-11	4/16/2007	La-140	7.00E-01	3.30E+00	1.20E+01
WG	W-11	L12300-11	4/16/2007	Mn-54	-3.30E-01	8.50E-01	3.00E+00
WG	W-11	L12300-11	4/16/2007	Nb-95	0.00E+00	1.30E+00	4.40E+00
WG	W-11	L12300-11	4/16/2007	Ru-103	-2.60E+00	1.30E+00	4.70E+00
WG	W-11	L12300-11	4/16/2007	Ru-106	2.40E+00	8.60E+00	2.90E+01
WG	W-11	L12300-11	4/16/2007	Sb-124	-1.40E+00	2.50E+00	8.90E+00
WG	W-11	L12300-11	4/16/2007	Sb-125	-4.10E+00	2.20E+00	7.80E+00
WG	W-11	L12300-11	4/16/2007	Se-75	-1.00E-01	1.10E+00	3.90E+00
WG	W-11	L12300-11	4/16/2007	Zn-65	-3.00E+00	2.00E+00	7.20E+00
WG	W-11	L12300-11	4/16/2007	Zr-95	-5.00E-01	1.70E+00	6.10E+00
WG	W-12	L12300-12	4/16/2007	AcTh-228	-5.10E+00	5.10E+00	1.90E+01
WG	W-12	L12300-12	4/16/2007	Ag-108m	-1.00E-01	1.20E+00	4.20E+00
WG	W-12	L12300-12	4/16/2007	Ag-110m	-1.20E+00	1.80E+00	6.80E+00
WG	W-12	L12300-12	4/16/2007	Ba-140	-1.40E+00	2.30E+00	9.00E+00
WG	W-12	L12300-12	4/16/2007	Be-7	-2.40E+01	1.30E+01	5.00E+01
WG	W-12	L12300-12	4/16/2007	Ce-141	7.00E-01	2.40E+00	8.20E+00
WG	W-12	L12300-12	4/16/2007	Ce-144	1.01E+01	7.40E+00	2.40E+01
WG	W-12	L12300-12	4/16/2007	Co-57	6.80E-01	9.80E-01	3.30E+00
WG	W-12	L12300-12	4/16/2007	Co-58	-1.10E+00	1.30E+00	4.80E+00
WG	W-12	L12300-12	4/16/2007	Co-60	-2.70E+00	1.30E+00	5.40E+00
WG	W-12	L12300-12	4/16/2007	Cr-51	7.00E+00	1.30E+01	4.50E+01
WG	W-12	L12300-12	4/16/2007	Cs-134	1.90E+00	1.50E+00	5.20E+00
WG	W-12	L12300-12	4/16/2007	Cs-137	-5.00E-01	1.30E+00	4.70E+00
WG	W-12	L12300-12	4/16/2007	Fe-59	1.40E+00	3.20E+00	1.10E+01
WG	W-12	L12300-12	4/16/2007	H-3	-3.50E+02	4.30E+02	1.30E+03
WG	W-12	L12300-12	4/16/2007	I-131	-3.90E+00	3.20E+00	1.20E+01
WG	W-12	L12300-12	4/16/2007	K-40	-1.70E+01	1.80E+01	6.70E+01
WG	W-12	L12300-12	4/16/2007	La-140	-1.60E+00	2.70E+00	1.00E+01
WG	W-12	L12300-12	4/16/2007	Mn-54	1.20E+00	1.20E+00	4.20E+00
WG	W-12	L12300-12	4/16/2007	Nb-95	-1.60E+00	1.60E+00	6.00E+00
WG	W-12	L12300-12	4/16/2007	Ru-103	1.50E+00	1.50E+00	5.00E+00
WG	W-12	L12300-12	4/16/2007	Ru-106	-8.00E+00	1.30E+01	4.60E+01
WG	W-12	L12300-12	4/16/2007	Sb-124	-3.20E+00	3.40E+00	1.30E+01
WG	W-12	L12300-12	4/16/2007	Sb-125	6.00E+00	3.60E+00	1.20E+01
WG	W-12	L12300-12	4/16/2007	Se-75	1.80E+00	1.70E+00	5.60E+00
WG	W-12	L12300-12	4/16/2007	Zn-65	-2.00E+00	3.20E+00	1.20E+01
WG	W-12	L12300-12	4/16/2007	Zr-95	-1.10E+00	2.60E+00	9.50E+00
WG	W-13	L12300-13	4/16/2007	AcTh-228	5.00E+00	6.10E+00	2.10E+01
WG	W-13	L12300-13	4/16/2007	Ag-108m	1.00E-01	1.10E+00	4.00E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-13	L12300-13	4/16/2007	Ag-110m	-1.50E+00	1.90E+00	6.90E+00
WG	W-13	L12300-13	4/16/2007	Ba-140	2.40E+00	2.30E+00	8.00E+00
WG	W-13	L12300-13	4/16/2007	Be-7	4.00E+00	1.10E+01	3.90E+01
WG	W-13	L12300-13	4/16/2007	Ce-141	2.00E-01	1.90E+00	6.40E+00
WG	W-13	L12300-13	4/16/2007	Ce-144	1.20E+00	7.40E+00	2.50E+01
WG	W-13	L12300-13	4/16/2007	Co-57	-1.24E+00	9.30E-01	3.30E+00
WG	W-13	L12300-13	4/16/2007	Co-58	-1.40E+00	1.40E+00	5.20E+00
WG	W-13	L12300-13	4/16/2007	Co-60	-2.00E-01	1.50E+00	5.50E+00
WG	W-13	L12300-13	4/16/2007	Cr-51	-6.00E+00	1.20E+01	4.30E+01
WG	W-13	L12300-13	4/16/2007	Cs-134	-9.00E-01	1.30E+00	4.90E+00
WG	W-13	L12300-13	4/16/2007	Cs-137	3.00E-01	1.30E+00	4.50E+00
WG	W-13	L12300-13	4/16/2007	Fe-59	-1.00E+00	2.90E+00	1.10E+01
WG	W-13	L12300-13	4/16/2007	H-3	1.50E+02	4.40E+02	1.30E+03
WG	W-13	L12300-13	4/16/2007	I-131	-6.00E-01	2.80E+00	1.00E+01
WG	W-13	L12300-13	4/16/2007	K-40	1.30E+01	2.10E+01	7.40E+01
WG	W-13	L12300-13	4/16/2007	La-140	2.70E+00	2.70E+00	9.20E+00
WG	W-13	L12300-13	4/16/2007	Mn-54	-1.90E+00	1.30E+00	4.80E+00
WG	W-13	L12300-13	4/16/2007	Nb-95	1.60E+00	1.60E+00	5.60E+00
WG	W-13	L12300-13	4/16/2007	Ru-103	7.00E-01	1.50E+00	5.30E+00
WG	W-13	L12300-13	4/16/2007	Ru-106	5.00E+00	1.20E+01	4.20E+01
WG	W-13	L12300-13	4/16/2007	Sb-124	-1.50E+00	3.00E+00	1.20E+01
WG	W-13	L12300-13	4/16/2007	Sb-125	1.10E+00	3.50E+00	1.20E+01
WG	W-13	L12300-13	4/16/2007	Se-75	-1.00E-01	1.60E+00	5.60E+00
WG	W-13	L12300-13	4/16/2007	Zn-65	-3.30E+00	3.10E+00	1.20E+01
WG	W-13	L12300-13	4/16/2007	Zr-95	2.20E+00	2.30E+00	7.90E+00
WG	W-14	L12300-14	4/16/2007	AcTh-228	1.30E+01	7.80E+00	2.60E+01
WG	W-14	L12300-14	4/16/2007	Ag-108m	-1.50E+00	1.30E+00	4.90E+00
WG	W-14	L12300-14	4/16/2007	Ag-110m	2.20E+00	2.70E+00	9.20E+00
WG	W-14	L12300-14	4/16/2007	Ba-140	4.90E+00	3.30E+00	1.10E+01
WG	W-14	L12300-14	4/16/2007	Be-7	1.60E+01	1.40E+01	4.60E+01
WG	W-14	L12300-14	4/16/2007	Ce-141	2.30E+00	2.30E+00	7.80E+00
WG	W-14	L12300-14	4/16/2007	Ce-144	6.00E+00	8.20E+00	2.80E+01
WG	W-14	L12300-14	4/16/2007	Co-57	1.10E+00	1.10E+00	3.60E+00
WG	W-14	L12300-14	4/16/2007	Co-58	1.10E+00	1.70E+00	6.10E+00
WG	W-14	L12300-14	4/16/2007	Co-60	2.10E+00	2.20E+00	7.40E+00
WG	W-14	L12300-14	4/16/2007	Cr-51	4.00E+01	1.40E+01	4.20E+01
WG	W-14	L12300-14	4/16/2007	Cs-134	8.00E-01	1.90E+00	6.70E+00
WG	W-14	L12300-14	4/16/2007	Cs-137	8.00E-01	1.60E+00	5.60E+00
WG	W-14	L12300-14	4/16/2007	Fe-59	-2.70E+00	3.50E+00	1.40E+01
WG	W-14	L12300-14	4/16/2007	H-3	-1.30E+02	4.40E+02	1.30E+03
WG	W-14	L12300-14	4/16/2007	I-131	-7.00E-01	2.90E+00	1.10E+01
WG	W-14	L12300-14	4/16/2007	K-40	2.80E+01	2.90E+01	9.80E+01

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

+ Minimum Detectable Concentration > Lower Limit of Detection Requirement

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-14	L12300-14	4/16/2007	La-140	5.60E+00	3.90E+00	1.30E+01
WG	W-14	L12300-14	4/16/2007	Mn-54	-4.00E-01	1.60E+00	6.00E+00
WG	W-14	L12300-14	4/16/2007	Nb-95	5.00E-01	1.80E+00	6.50E+00
WG	W-14	L12300-14	4/16/2007	Ru-103	-1.20E+00	1.80E+00	6.50E+00
WG	W-14	L12300-14	4/16/2007	Ru-106	-8.00E+00	1.30E+01	5.00E+01
WG	W-14	L12300-14	4/16/2007	Sb-124	-7.80E+00	3.80E+00	1.80E+01
WG	W-14	L12300-14	4/16/2007	Sb-125	2.30E+00	4.30E+00	1.50E+01
WG	W-14	L12300-14	4/16/2007	Se-75	1.00E-01	1.70E+00	5.80E+00
WG	W-14	L12300-14	4/16/2007	Zn-65	-3.70E+00	3.60E+00	1.40E+01
WG	W-14	L12300-14	4/16/2007	Zr-95	1.10E+00	3.40E+00	1.20E+01
WG	W-15	L12300-15	4/17/2007	AcTh-228	2.00E+00	7.20E+00	2.60E+01
WG	W-15	L12300-15	4/17/2007	Ag-108m	1.30E+00	1.70E+00	5.80E+00
WG	W-15	L12300-15	4/17/2007	Ag-110m	4.00E-01	2.50E+00	9.10E+00
WG	W-15	L12300-15	4/17/2007	Ba-140	-3.40E+00	2.80E+00	1.20E+01
WG	W-15	L12300-15	4/17/2007	Be-7	0.00E+00	1.50E+01	5.40E+01
WG	W-15	L12300-15	4/17/2007	Ce-141	3.00E+00	3.40E+00	1.10E+01
WG	W-15	L12300-15	4/17/2007	Ce-144	1.60E+01	1.10E+01	3.60E+01
WG	W-15	L12300-15	4/17/2007	Co-57	-4.00E-01	1.40E+00	4.90E+00
WG	W-15	L12300-15	4/17/2007	Co-58	3.00E-01	1.90E+00	7.10E+00
WG	W-15	L12300-15	4/17/2007	Co-60	2.70E+00	2.10E+00	6.90E+00
WG	W-15	L12300-15	4/17/2007	Cr-51	-1.70E+01	1.90E+01	6.90E+01
WG	W-15	L12300-15	4/17/2007	Cs-134	-2.70E+00	2.10E+00	8.40E+00
WG	W-15	L12300-15	4/17/2007	Cs-137	-4.00E-01	2.00E+00	7.30E+00
WG	W-15	L12300-15	4/17/2007	Fe-59	2.00E+00	4.40E+00	1.60E+01
WG	W-15	L12300-15	4/17/2007	H-3	7.80E+02	4.50E+02	1.30E+03
WG	W-15	L12300-15	4/17/2007	I-131	-1.70E+00	4.30E+00	1.50E+01
WG	W-15	L12300-15	4/17/2007	K-40	-2.00E+01	2.30E+01	9.00E+01
WG	W-15	L12300-15	4/17/2007	La-140	-4.00E+00	3.30E+00	1.40E+01
WG	W-15	L12300-15	4/17/2007	Mn-54	-1.40E+00	2.00E+00	7.60E+00
WG	W-15	L12300-15	4/17/2007	Nb-95	-1.40E+00	2.30E+00	8.60E+00
WG	W-15	L12300-15	4/17/2007	Ru-103	-3.00E+00	2.20E+00	8.50E+00
WG	W-15	L12300-15	4/17/2007	Ru-106	-4.00E+00	1.70E+01	6.20E+01
WG	W-15	L12300-15	4/17/2007	Sb-124	-6.30E+00	4.90E+00	2.10E+01
WG	W-15	L12300-15	4/17/2007	Sb-125	-8.90E+00	4.80E+00	1.90E+01
WG	W-15	L12300-15	4/17/2007	Se-75	1.60E+00	2.50E+00	8.60E+00
WG	W-15	L12300-15	4/17/2007	Zn-65	-7.00E+00	4.00E+00	1.70E+01
WG	W-15	L12300-15	4/17/2007	Zr-95	6.50E+00	3.30E+00	1.00E+01
WG	MW-20	L12300-16	4/16/2007	AcTh-228	1.70E+00	4.50E+00	1.60E+01
WG	MW-20	L12300-16	4/16/2007	Ag-108m	-4.00E-01	1.10E+00	3.70E+00
WG	MW-20	L12300-16	4/16/2007	Ag-110m	-2.90E+00	1.70E+00	6.40E+00
WG	MW-20	L12300-16	4/16/2007	Ba-140	-1.00E-01	2.30E+00	8.60E+00
WG	MW-20	L12300-16	4/16/2007	Be-7	4.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-20	L12300-16	4/16/2007	Ce-141	1.10E+00	2.10E+00	6.90E+00
WG	MW-20	L12300-16	4/16/2007	Ce-144	2.60E+00	7.20E+00	2.40E+01
WG	MW-20	L12300-16	4/16/2007	Co-57	4.30E-01	9.50E-01	3.20E+00
WG	MW-20	L12300-16	4/16/2007	Co-58	-1.90E+00	1.20E+00	4.70E+00
WG	MW-20	L12300-16	4/16/2007	Co-60	0.00E+00	1.20E+00	4.30E+00
WG	MW-20	L12300-16	4/16/2007	Cr-51	3.00E+00	1.30E+01	4.50E+01
WG	MW-20	L12300-16	4/16/2007	Cs-134	-1.70E+00	1.10E+00	4.30E+00
WG	MW-20	L12300-16	4/16/2007	Cs-137	2.90E+00	1.40E+00	4.60E+00
WG	MW-20	L12300-16	4/16/2007	Fe-59	-5.60E+00	2.70E+00	1.10E+01
WG	MW-20	L12300-16	4/16/2007	H-3	-3.70E+02	4.30E+02	1.30E+03
WG	MW-20	L12300-16	4/16/2007	I-131	-2.00E+00	3.00E+00	1.10E+01
WG	MW-20	L12300-16	4/16/2007	K-40	-2.10E+01	1.70E+01	6.50E+01
WG	MW-20	L12300-16	4/16/2007	La-140	-1.00E-01	2.70E+00	9.80E+00
WG	MW-20	L12300-16	4/16/2007	Mn-54	1.00E-01	1.20E+00	4.10E+00
WG	MW-20	L12300-16	4/16/2007	Nb-95	-1.50E+00	1.40E+00	5.20E+00
WG	MW-20	L12300-16	4/16/2007	Ru-103	2.40E+00	1.30E+00	4.30E+00
WG	MW-20	L12300-16	4/16/2007	Ru-106	1.00E+00	1.20E+01	4.20E+01
WG	MW-20	L12300-16	4/16/2007	Sb-124	-6.60E+00	3.20E+00	1.30E+01
WG	MW-20	L12300-16	4/16/2007	Sb-125	4.80E+00	3.30E+00	1.10E+01
WG	MW-20	L12300-16	4/16/2007	Se-75	-7.00E-01	1.50E+00	5.20E+00
WG	MW-20	L12300-16	4/16/2007	Zn-65	-3.40E+00	2.80E+00	1.10E+01
WG	MW-20	L12300-16	4/16/2007	Zr-95	0.00E+00	2.20E+00	7.80E+00
WG	MW-21	L12300-17	4/16/2007	AcTh-228	-2.70E+00	5.50E+00	2.00E+01
WG	MW-21	L12300-17	4/16/2007	Ag-108m	2.00E+00	1.10E+00	3.60E+00
WG	MW-21	L12300-17	4/16/2007	Ag-110m	2.20E+00	1.70E+00	5.80E+00
WG	MW-21	L12300-17	4/16/2007	Ba-140	1.90E+00	2.60E+00	9.10E+00
WG	MW-21	L12300-17	4/16/2007	Be-7	4.00E+00	1.10E+01	4.00E+01
WG	MW-21	L12300-17	4/16/2007	Ce-141	-6.00E-01	2.00E+00	6.80E+00
WG	MW-21	L12300-17	4/16/2007	Ce-144	6.10E+00	7.10E+00	2.40E+01
WG	MW-21	L12300-17	4/16/2007	Co-57	-9.50E-01	8.90E-01	3.10E+00
WG	MW-21	L12300-17	4/16/2007	Co-58	-2.00E-01	1.40E+00	5.00E+00
WG	MW-21	L12300-17	4/16/2007	Co-60	3.00E-01	1.40E+00	5.00E+00
WG	MW-21	L12300-17	4/16/2007	Cr-51	2.00E+00	1.30E+01	4.40E+01
WG	MW-21	L12300-17	4/16/2007	Cs-134	3.00E-01	1.30E+00	4.80E+00
WG	MW-21	L12300-17	4/16/2007	Cs-137	-3.40E+00	1.40E+00	5.60E+00
WG	MW-21	L12300-17	4/16/2007	Fe-59	4.00E-01	2.70E+00	9.90E+00
WG	MW-21	L12300-17	4/16/2007	H-3	-2.70E+02	4.40E+02	1.30E+03
WG	MW-21	L12300-17	4/16/2007	I-131	4.00E-01	2.60E+00	9.10E+00
WG	MW-21	L12300-17	4/16/2007	K-40	2.00E+01	2.30E+01	7.70E+01
WG	MW-21	L12300-17	4/16/2007	La-140	2.10E+00	3.00E+00	1.10E+01
WG	MW-21	L12300-17	4/16/2007	Mn-54	7.00E-01	1.40E+00	4.90E+00
WG	MW-21	L12300-17	4/16/2007	Nb-95	2.70E+00	1.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-21	L12300-17	4/16/2007	Ru-103	-3.10E+00	1.30E+00	5.00E+00
WG	MW-21	L12300-17	4/16/2007	Ru-106	9.00E+00	1.20E+01	4.00E+01
WG	MW-21	L12300-17	4/16/2007	Sb-124	0.00E+00	3.50E+00	1.30E+01
WG	MW-21	L12300-17	4/16/2007	Sb-125	-3.00E-01	3.30E+00	1.20E+01
WG	MW-21	L12300-17	4/16/2007	Se-75	0.00E+00	1.60E+00	5.40E+00
WG	MW-21	L12300-17	4/16/2007	Zn-65	-7.00E-01	3.20E+00	1.20E+01
WG	MW-21	L12300-17	4/16/2007	Zr-95	2.00E-01	2.40E+00	8.40E+00
WG	W-1	L12708-01	7/18/2007	AcTh-228	-2.00E-01	5.50E+00	2.00E+01
WG	W-1	L12708-01	7/18/2007	Ag-108m	-1.10E+00	1.10E+00	4.10E+00
WG	W-1	L12708-01	7/18/2007	Ag-110m	-4.40E+00	2.00E+00	7.70E+00
WG	W-1	L12708-01	7/18/2007	Ba-140	2.10E+00	3.50E+00	1.20E+01
WG	W-1	L12708-01	7/18/2007	Be-7	1.00E+00	1.30E+01	4.50E+01
WG	W-1	L12708-01	7/18/2007	Ce-141	4.10E+00	2.20E+00	7.30E+00
WG	W-1	L12708-01	7/18/2007	Ce-144	-1.18E+01	7.30E+00	2.60E+01
WG	W-1	L12708-01	7/18/2007	Co-57	-1.30E+00	9.70E-01	3.40E+00
WG	W-1	L12708-01	7/18/2007	Co-58	-2.70E+00	1.30E+00	5.10E+00
WG	W-1	L12708-01	7/18/2007	Co-60	-6.00E-01	1.30E+00	5.10E+00
WG	W-1	L12708-01	7/18/2007	Cr-51	-2.10E+01	1.50E+01	5.40E+01
WG	W-1	L12708-01	7/18/2007	Cs-134	-5.00E-01	1.40E+00	5.10E+00
WG	W-1	L12708-01	7/18/2007	Cs-137	-3.00E-01	1.40E+00	5.10E+00
WG	W-1	L12708-01	7/18/2007	Fe-59	-9.00E-01	3.00E+00	1.10E+01
WG	W-1	L12708-01	7/18/2007	H-3	-1.14E+03	4.20E+02	1.30E+03
WG	W-1	L12708-01	7/18/2007	I-131	-1.70E+00	4.40E+00	1.60E+01
WG	W-1	L12708-01	7/18/2007	K-40	1.60E+01	2.00E+01	6.90E+01
WG	W-1	L12708-01	7/18/2007	La-140	2.50E+00	4.00E+00	1.40E+01
WG	W-1	L12708-01	7/18/2007	Mn-54	-5.00E-01	1.30E+00	4.70E+00
WG	W-1	L12708-01	7/18/2007	Nb-95	3.70E+00	1.60E+00	4.90E+00
WG	W-1	L12708-01	7/18/2007	Ru-103	2.60E+00	1.50E+00	5.00E+00
WG	W-1	L12708-01	7/18/2007	Ru-106	-4.00E+00	1.10E+01	4.10E+01
WG	W-1	L12708-01	7/18/2007	Sb-124	-2.20E+00	3.60E+00	1.40E+01
WG	W-1	L12708-01	7/18/2007	Sb-125	1.90E+00	3.70E+00	1.30E+01
WG	W-1	L12708-01	7/18/2007	Se-75	2.00E-01	1.60E+00	5.50E+00
WG	W-1	L12708-01	7/18/2007	Zn-65	0.00E+00	2.60E+00	9.40E+00
WG	W-1	L12708-01	7/18/2007	Zr-95	-2.40E+00	2.30E+00	8.80E+00
WG	W-2	L12708-02	7/18/2007	AcTh-228	1.65E+01	6.40E+00	2.00E+01
WG	W-2	L12708-02	7/18/2007	Ag-108m	3.30E+00	1.20E+00	3.60E+00
WG	W-2	L12708-02	7/18/2007	Ag-110m	-1.50E+00	2.00E+00	7.50E+00
WG	W-2	L12708-02	7/18/2007	Ba-140	-2.20E+00	2.70E+00	1.10E+01
WG	W-2	L12708-02	7/18/2007	Be-7	1.90E+01	1.30E+01	4.40E+01
WG	W-2	L12708-02	7/18/2007	Ce-141	-7.40E+00	3.90E+00	1.40E+01
WG	W-2	L12708-02	7/18/2007	Ce-144	4.00E-01	8.70E+00	3.00E+01

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-2	L12708-02	7/18/2007	Co-57	-6.00E-01	1.10E+00	3.90E+00
WG	W-2	L12708-02	7/18/2007	Co-58	-2.50E+00	1.50E+00	6.10E+00
WG	W-2	L12708-02	7/18/2007	Co-60	-1.50E+00	1.60E+00	6.30E+00
WG	W-2	L12708-02	7/18/2007	Cr-51	-4.00E+00	1.60E+01	5.60E+01
WG	W-2	L12708-02	7/18/2007	Cs-134	1.20E+00	1.70E+00	5.80E+00
WG	W-2	L12708-02	7/18/2007	Cs-137	-9.00E-01	1.50E+00	5.60E+00
WG	W-2	L12708-02	7/18/2007	Fe-59	-6.00E-01	3.10E+00	1.20E+01
WG	W-2	L12708-02	7/18/2007	H-3	-7.70E+02	4.20E+02	1.30E+03
WG	W-2	L12708-02	7/18/2007	I-131	-2.70E+00	4.40E+00	1.60E+01
WG	W-2	L12708-02	7/18/2007	K-40	1.10E+01	2.60E+01	9.10E+01
WG	W-2	L12708-02	7/18/2007	La-140	-2.50E+00	3.10E+00	1.30E+01
WG	W-2	L12708-02	7/18/2007	Mn-54	1.10E+00	1.30E+00	4.70E+00
WG	W-2	L12708-02	7/18/2007	Nb-95	-2.10E+00	1.90E+00	7.00E+00
WG	W-2	L12708-02	7/18/2007	Ru-103	-3.70E+00	1.90E+00	7.30E+00
WG	W-2	L12708-02	7/18/2007	Ru-106	1.60E+01	1.60E+01	5.50E+01
WG	W-2	L12708-02	7/18/2007	Sb-124	-5.60E+00	3.70E+00	1.60E+01
WG	W-2	L12708-02	7/18/2007	Sb-125	-1.10E+00	3.60E+00	1.30E+01
WG	W-2	L12708-02	7/18/2007	Se-75	-6.00E+00	1.80E+00	7.00E+00
WG	W-2	L12708-02	7/18/2007	Zn-65	1.40E+00	3.30E+00	1.20E+01
WG	W-2	L12708-02	7/18/2007	Zr-95	4.00E+00	2.80E+00	9.30E+00
WG	W-3	L12708-03	7/16/2007	AcTh-228	-7.10E+00	5.70E+00	2.10E+01
WG	W-3	L12708-03	7/16/2007	Ag-108m	2.00E-01	1.10E+00	3.70E+00
WG	W-3	L12708-03	7/16/2007	Ag-110m	-3.20E+00	1.90E+00	7.30E+00
WG	W-3	L12708-03	7/16/2007	Ba-140	-3.80E+00	3.10E+00	1.20E+01
WG	W-3	L12708-03	7/16/2007	Be-7	-2.00E+00	1.10E+01	3.90E+01
WG	W-3	L12708-03	7/16/2007	Ce-141	4.60E+00	3.10E+00	1.00E+01
WG	W-3	L12708-03	7/16/2007	Ce-144	1.90E+01	7.30E+00	2.30E+01
WG	W-3	L12708-03	7/16/2007	Co-57	2.80E-01	9.70E-01	3.30E+00
WG	W-3	L12708-03	7/16/2007	Co-58	1.10E+00	1.50E+00	5.00E+00
WG	W-3	L12708-03	7/16/2007	Co-60	-2.60E+00	1.40E+00	5.70E+00
WG	W-3	L12708-03	7/16/2007	Cr-51	-1.90E+01	1.50E+01	5.30E+01
WG	W-3	L12708-03	7/16/2007	Cs-134	-1.70E+00	1.40E+00	5.30E+00
WG	W-3	L12708-03	7/16/2007	Cs-137	-4.00E-01	1.30E+00	4.70E+00
WG	W-3	L12708-03	7/16/2007	Fe-59	6.10E+00	3.40E+00	1.10E+01
WG	W-3	L12708-03	7/16/2007	H-3	-5.60E+02	4.40E+02	1.30E+03
WG	W-3	L12708-03	7/16/2007	I-131	1.80E+00	4.70E+00	1.60E+01
WG	W-3	L12708-03	7/16/2007	K-40	-5.00E+00	2.20E+01	7.70E+01
WG	W-3	L12708-03	7/16/2007	La-140	-4.30E+00	3.50E+00	1.40E+01
WG	W-3	L12708-03	7/16/2007	Mn-54	1.00E+00	1.30E+00	4.50E+00
WG	W-3	L12708-03	7/16/2007	Nb-95	2.40E+00	1.60E+00	5.40E+00
WG	W-3	L12708-03	7/16/2007	Ru-103	-6.00E-01	1.60E+00	5.90E+00
WG	W-3	L12708-03	7/16/2007	Ru-106	-3.00E+00	1.20E+01	4.40E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-3	L12708-03	7/16/2007	Sb-124	6.10E+00	3.60E+00	1.20E+01
WG	W-3	L12708-03	7/16/2007	Sb-125	5.00E-01	3.20E+00	1.10E+01
WG	W-3	L12708-03	7/16/2007	Se-75	-1.70E+00	1.70E+00	6.10E+00
WG	W-3	L12708-03	7/16/2007	Zn-65	-5.20E+00	2.80E+00	1.10E+01
WG	W-3	L12708-03	7/16/2007	Zr-95	5.00E-01	2.40E+00	8.40E+00
WG	W-4	L12708-04	7/17/2007	AcTh-228	1.12E+01	7.50E+00	2.50E+01
WG	W-4	L12708-04	7/17/2007	Ag-108m	2.30E+00	1.30E+00	4.10E+00
WG	W-4	L12708-04	7/17/2007	Ag-110m	8.00E-01	1.80E+00	6.40E+00
WG	W-4	L12708-04	7/17/2007	Ba-140	5.20E+00	3.70E+00	1.20E+01
WG	W-4	L12708-04	7/17/2007	Be-7	3.20E+01	1.30E+01	4.00E+01
WG	W-4	L12708-04	7/17/2007	Ce-141	-2.60E+00	2.60E+00	9.20E+00
WG	W-4	L12708-04	7/17/2007	Ce-144	9.10E+00	8.80E+00	2.90E+01
WG	W-4	L12708-04	7/17/2007	Co-57	3.00E-01	1.10E+00	3.80E+00
WG	W-4	L12708-04	7/17/2007	Co-58	-1.80E+00	1.60E+00	6.30E+00
WG	W-4	L12708-04	7/17/2007	Co-60	-8.00E-01	1.40E+00	5.50E+00
WG	W-4	L12708-04	7/17/2007	Cr-51	1.60E+01	1.70E+01	5.60E+01
WG	W-4	L12708-04	7/17/2007	Cs-134	1.20E+00	1.40E+00	4.90E+00
WG	W-4	L12708-04	7/17/2007	Cs-137	3.00E-01	1.60E+00	5.80E+00
WG	W-4	L12708-04	7/17/2007	Fe-59	4.00E-01	3.90E+00	1.40E+01
WG	W-4	L12708-04	7/17/2007	H-3	1.20E+02	4.40E+02	1.30E+03
WG	W-4	L12708-04	7/17/2007	I-131	4.00E-01	5.30E+00	1.90E+01
WG	W-4	L12708-04	7/17/2007	K-40	1.70E+01	2.30E+01	7.80E+01
WG	W-4	L12708-04	7/17/2007	La-140	6.00E+00	4.30E+00	1.40E+01
WG	W-4	L12708-04	7/17/2007	Mn-54	-2.00E-01	1.40E+00	5.10E+00
WG	W-4	L12708-04	7/17/2007	Nb-95	4.90E+00	1.90E+00	5.90E+00
WG	W-4	L12708-04	7/17/2007	Ru-103	6.00E-01	1.70E+00	6.10E+00
WG	W-4	L12708-04	7/17/2007	Ru-106	-2.20E+01	1.30E+01	5.10E+01
WG	W-4	L12708-04	7/17/2007	Sb-124	4.40E+00	4.00E+00	1.40E+01
WG	W-4	L12708-04	7/17/2007	Sb-125	2.00E+00	4.00E+00	1.40E+01
WG	W-4	L12708-04	7/17/2007	Se-75	-1.10E+00	1.70E+00	6.20E+00
WG	W-4	L12708-04	7/17/2007	Zn-65	5.00E-01	3.50E+00	1.20E+01
WG	W-4	L12708-04	7/17/2007	Zr-95	-3.50E+00	2.60E+00	1.00E+01
WG	W-5	L12708-05	7/17/2007	AcTh-228	1.00E-01	6.40E+00	2.30E+01
WG	W-5	L12708-05	7/17/2007	Ag-108m	6.00E-01	1.30E+00	4.40E+00
WG	W-5	L12708-05	7/17/2007	Ag-110m	-1.70E+00	2.10E+00	8.00E+00
WG	W-5	L12708-05	7/17/2007	Ba-140	-1.40E+00	3.30E+00	1.30E+01
WG	W-5	L12708-05	7/17/2007	Be-7	-4.00E+00	1.40E+01	5.10E+01
WG	W-5	L12708-05	7/17/2007	Ce-141	3.30E+00	2.80E+00	9.20E+00
WG	W-5	L12708-05	7/17/2007	Ce-144	-5.80E+00	9.00E+00	3.20E+01
WG	W-5	L12708-05	7/17/2007	Co-57	-1.60E+00	1.20E+00	4.20E+00
WG	W-5	L12708-05	7/17/2007	Co-58	-1.50E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-5	L12708-05	7/17/2007	Co-60	-3.30E+00	1.70E+00	7.10E+00
WG	W-5	L12708-05	7/17/2007	Cr-51	1.20E+01	1.80E+01	6.20E+01
WG	W-5	L12708-05	7/17/2007	Cs-134	-2.00E-01	1.30E+00	5.00E+00
WG	W-5	L12708-05	7/17/2007	Cs-137	4.00E-01	1.60E+00	5.80E+00
WG	W-5	L12708-05	7/17/2007	Fe-59	-1.80E+00	3.40E+00	1.30E+01
WG	W-5	L12708-05	7/17/2007	H-3	8.90E+02	4.60E+02	1.30E+03
WG	W-5	L12708-05	7/17/2007	I-131	-1.16E+01	5.80E+00	2.20E+01
WG	W-5	L12708-05	7/17/2007	K-40	1.43E+02	2.80E+01	7.10E+01 *
WG	W-5	L12708-05	7/17/2007	La-140	-1.60E+00	3.80E+00	1.50E+01
WG	W-5	L12708-05	7/17/2007	Mn-54	-1.60E+00	1.60E+00	6.00E+00
WG	W-5	L12708-05	7/17/2007	Nb-95	-3.60E+00	1.70E+00	7.00E+00
WG	W-5	L12708-05	7/17/2007	Ru-103	-3.00E-01	1.80E+00	6.60E+00
WG	W-5	L12708-05	7/17/2007	Ru-106	-8.00E+00	1.60E+01	5.70E+01
WG	W-5	L12708-05	7/17/2007	Sb-124	-3.20E+00	3.50E+00	1.50E+01
WG	W-5	L12708-05	7/17/2007	Sb-125	-8.30E+00	4.00E+00	1.50E+01
WG	W-5	L12708-05	7/17/2007	Se-75	1.30E+00	1.80E+00	6.30E+00
WG	W-5	L12708-05	7/17/2007	Zn-65	1.60E+00	3.60E+00	1.30E+01
WG	W-5	L12708-05	7/17/2007	Zr-95	-5.20E+00	2.70E+00	1.10E+01
WG	W-6	L12708-06	7/17/2007	AcTh-228	-3.90E+00	5.90E+00	2.00E+01
WG	W-6	L12708-06	7/17/2007	Ag-108m	-7.00E-02	7.00E-01	2.40E+00
WG	W-6	L12708-06	7/17/2007	Ag-110m	0.00E+00	1.20E+00	4.20E+00
WG	W-6	L12708-06	7/17/2007	Ba-140	2.20E+00	2.80E+00	9.70E+00
WG	W-6	L12708-06	7/17/2007	Be-7	-3.80E+00	7.50E+00	2.60E+01
WG	W-6	L12708-06	7/17/2007	Ce-141	-3.70E+00	2.20E+00	7.70E+00
WG	W-6	L12708-06	7/17/2007	Ce-144	3.60E+00	3.60E+00	1.20E+01
WG	W-6	L12708-06	7/17/2007	Co-57	1.15E+00	6.90E-01	2.30E+00
WG	W-6	L12708-06	7/17/2007	Co-58	9.90E-01	9.60E-01	3.20E+00
WG	W-6	L12708-06	7/17/2007	Co-60	6.00E-01	1.10E+00	3.60E+00
WG	W-6	L12708-06	7/17/2007	Cr-51	-1.80E+01	8.10E+00	2.90E+01
WG	W-6	L12708-06	7/17/2007	Cs-134	-7.60E-01	9.90E-01	3.50E+00
WG	W-6	L12708-06	7/17/2007	Cs-137	-1.10E-01	8.00E-01	2.80E+00
WG	W-6	L12708-06	7/17/2007	Fe-59	1.60E+00	2.20E+00	7.50E+00
WG	W-6	L12708-06	7/17/2007	H-3	5.00E+01	4.40E+02	1.30E+03
WG	W-6	L12708-06	7/17/2007	I-131	3.00E-01	2.90E+00	9.80E+00
WG	W-6	L12708-06	7/17/2007	K-40	1.21E+02	2.20E+01	6.70E+01 *
WG	W-6	L12708-06	7/17/2007	La-140	2.60E+00	3.30E+00	1.10E+01
WG	W-6	L12708-06	7/17/2007	Mn-54	-1.58E+00	8.90E-01	3.30E+00
WG	W-6	L12708-06	7/17/2007	Nb-95	-1.10E+00	1.20E+00	4.30E+00
WG	W-6	L12708-06	7/17/2007	Ru-103	-1.50E+00	1.00E+00	3.60E+00
WG	W-6	L12708-06	7/17/2007	Ru-106	-4.20E+00	7.60E+00	2.70E+01
WG	W-6	L12708-06	7/17/2007	Sb-124	-1.70E+00	2.70E+00	9.80E+00
WG	W-6	L12708-06	7/17/2007	Sb-125	1.00E-01	2.20E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-6	L12708-06	7/17/2007	Se-75	1.60E-01	8.60E-01	2.90E+00
WG	W-6	L12708-06	7/17/2007	Zn-65	3.10E+00	2.00E+00	6.60E+00
WG	W-6	L12708-06	7/17/2007	Zr-95	-8.00E-01	1.80E+00	6.30E+00
WG	W-7	L12708-07	7/16/2007	AcTh-228	-9.50E+00	5.80E+00	2.20E+01
WG	W-7	L12708-07	7/16/2007	Ag-108m	-2.00E-01	1.10E+00	3.80E+00
WG	W-7	L12708-07	7/16/2007	Ag-110m	-1.80E+00	1.80E+00	6.70E+00
WG	W-7	L12708-07	7/16/2007	Ba-140	5.00E-01	3.10E+00	1.10E+01
WG	W-7	L12708-07	7/16/2007	Be-7	3.00E+00	1.20E+01	4.30E+01
WG	W-7	L12708-07	7/16/2007	Ce-141	1.00E+00	2.40E+00	8.10E+00
WG	W-7	L12708-07	7/16/2007	Ce-144	-1.20E+00	7.50E+00	2.60E+01
WG	W-7	L12708-07	7/16/2007	Co-57	-6.00E-02	9.70E-01	3.40E+00
WG	W-7	L12708-07	7/16/2007	Co-58	5.00E-01	1.40E+00	5.00E+00
WG	W-7	L12708-07	7/16/2007	Co-60	-2.00E-01	1.30E+00	4.80E+00
WG	W-7	L12708-07	7/16/2007	Cr-51	-9.00E+00	1.40E+01	5.10E+01
WG	W-7	L12708-07	7/16/2007	Cs-134	2.30E+00	1.50E+00	5.00E+00
WG	W-7	L12708-07	7/16/2007	Cs-137	1.00E+00	1.40E+00	4.90E+00
WG	W-7	L12708-07	7/16/2007	Fe-59	8.00E-01	3.40E+00	1.20E+01
WG	W-7	L12708-07	7/16/2007	H-3	-7.40E+02	4.20E+02	1.30E+03
WG	W-7	L12708-07	7/16/2007	I-131	4.00E-01	5.30E+00	1.80E+01
WG	W-7	L12708-07	7/16/2007	K-40	-2.10E+01	2.30E+01	8.40E+01
WG	W-7	L12708-07	7/16/2007	La-140	6.00E-01	3.50E+00	1.30E+01
WG	W-7	L12708-07	7/16/2007	Mn-54	1.80E+00	1.30E+00	4.30E+00
WG	W-7	L12708-07	7/16/2007	Nb-95	4.00E-01	1.80E+00	6.30E+00
WG	W-7	L12708-07	7/16/2007	Ru-103	-2.70E+00	1.80E+00	6.60E+00
WG	W-7	L12708-07	7/16/2007	Ru-106	-1.00E+00	1.30E+01	4.60E+01
WG	W-7	L12708-07	7/16/2007	Sb-124	-4.60E+00	3.80E+00	1.50E+01
WG	W-7	L12708-07	7/16/2007	Sb-125	-6.80E+00	3.60E+00	1.30E+01
WG	W-7	L12708-07	7/16/2007	Se-75	1.20E+00	1.60E+00	5.50E+00
WG	W-7	L12708-07	7/16/2007	Zn-65	-8.00E-01	3.10E+00	1.10E+01
WG	W-7	L12708-07	7/16/2007	Zr-95	3.80E+00	2.90E+00	9.50E+00
WG	W-8	L12708-08	7/18/2007	AcTh-228	1.03E+01	5.80E+00	1.90E+01
WG	W-8	L12708-08	7/18/2007	Ag-108m	5.00E-01	1.30E+00	4.40E+00
WG	W-8	L12708-08	7/18/2007	Ag-110m	-2.00E-01	1.80E+00	6.70E+00
WG	W-8	L12708-08	7/18/2007	Ba-140	7.00E-01	3.50E+00	1.30E+01
WG	W-8	L12708-08	7/18/2007	Be-7	9.00E+00	1.30E+01	4.60E+01
WG	W-8	L12708-08	7/18/2007	Ce-141	0.00E+00	2.40E+00	8.40E+00
WG	W-8	L12708-08	7/18/2007	Ce-144	3.90E+00	8.10E+00	2.80E+01
WG	W-8	L12708-08	7/18/2007	Co-57	8.00E-01	1.00E+00	3.50E+00
WG	W-8	L12708-08	7/18/2007	Co-58	4.00E-01	1.30E+00	4.70E+00
WG	W-8	L12708-08	7/18/2007	Co-60	7.00E-01	1.40E+00	5.00E+00
WG	W-8	L12708-08	7/18/2007	Cr-51	6.00E+00	1.70E+01	6.00E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-8	L12708-08	7/18/2007	Cs-134	4.00E-01	1.60E+00	5.70E+00
WG	W-8	L12708-08	7/18/2007	Cs-137	-1.30E+00	1.40E+00	5.20E+00
WG	W-8	L12708-08	7/18/2007	Fe-59	8.00E-01	2.90E+00	1.00E+01
WG	W-8	L12708-08	7/18/2007	H-3	-1.29E+03	4.10E+02	1.30E+03
WG	W-8	L12708-08	7/18/2007	I-131	-2.00E+00	5.00E+00	1.80E+01
WG	W-8	L12708-08	7/18/2007	K-40	8.00E+00	2.00E+01	7.00E+01
WG	W-8	L12708-08	7/18/2007	La-140	8.00E-01	4.00E+00	1.50E+01
WG	W-8	L12708-08	7/18/2007	Mn-54	-1.50E+00	1.40E+00	5.20E+00
WG	W-8	L12708-08	7/18/2007	Nb-95	2.40E+00	1.80E+00	5.90E+00
WG	W-8	L12708-08	7/18/2007	Ru-103	6.00E-01	1.60E+00	5.70E+00
WG	W-8	L12708-08	7/18/2007	Ru-106	7.00E+00	1.30E+01	4.50E+01
WG	W-8	L12708-08	7/18/2007	Sb-124	1.10E+00	3.90E+00	1.40E+01
WG	W-8	L12708-08	7/18/2007	Sb-125	-2.60E+00	3.50E+00	1.30E+01
WG	W-8	L12708-08	7/18/2007	Se-75	-2.40E+00	1.60E+00	5.90E+00
WG	W-8	L12708-08	7/18/2007	Zn-65	-5.30E+00	3.20E+00	1.30E+01
WG	W-8	L12708-08	7/18/2007	Zr-95	4.40E+00	2.60E+00	8.50E+00
WG	W-9	L12708-09	7/18/2007	AcTh-228	6.00E+00	1.10E+01	3.90E+01
WG	W-9	L12708-09	7/18/2007	Ag-108m	-3.00E-01	9.50E-01	3.30E+00
WG	W-9	L12708-09	7/18/2007	Ag-110m	-2.00E-01	1.30E+00	4.60E+00
WG	W-9	L12708-09	7/18/2007	Ba-140	-1.80E+00	2.10E+00	8.00E+00
WG	W-9	L12708-09	7/18/2007	Be-7	4.10E+00	9.60E+00	3.30E+01
WG	W-9	L12708-09	7/18/2007	Ce-141	-1.00E+00	2.10E+00	7.00E+00
WG	W-9	L12708-09	7/18/2007	Ce-144	7.20E+00	6.10E+00	2.00E+01
WG	W-9	L12708-09	7/18/2007	Co-57	5.00E-01	6.90E-01	2.30E+00
WG	W-9	L12708-09	7/18/2007	Co-58	1.00E-01	1.00E+00	3.60E+00
WG	W-9	L12708-09	7/18/2007	Co-60	-2.00E-01	1.00E+00	3.60E+00
WG	W-9	L12708-09	7/18/2007	Cr-51	8.00E+00	1.10E+01	3.70E+01
WG	W-9	L12708-09	7/18/2007	Cs-134	6.00E-01	1.10E+00	3.60E+00
WG	W-9	L12708-09	7/18/2007	Cs-137	-1.44E+00	8.80E-01	3.30E+00
WG	W-9	L12708-09	7/18/2007	Fe-59	1.30E+00	2.40E+00	8.30E+00
WG	W-9	L12708-09	7/18/2007	H-3	-6.20E+02	4.30E+02	1.30E+03
WG	W-9	L12708-09	7/18/2007	I-131	2.00E-01	3.80E+00	1.30E+01
WG	W-9	L12708-09	7/18/2007	K-40	1.15E+02	2.10E+01	6.10E+01 *
WG	W-9	L12708-09	7/18/2007	La-140	-2.00E+00	2.40E+00	9.10E+00
WG	W-9	L12708-09	7/18/2007	Mn-54	-1.50E-01	9.50E-01	3.40E+00
WG	W-9	L12708-09	7/18/2007	Nb-95	-2.00E-01	1.30E+00	4.40E+00
WG	W-9	L12708-09	7/18/2007	Ru-103	-8.00E-01	1.30E+00	4.60E+00
WG	W-9	L12708-09	7/18/2007	Ru-106	1.20E+00	9.70E+00	3.30E+01
WG	W-9	L12708-09	7/18/2007	Sb-124	-1.70E+00	2.40E+00	9.10E+00
WG	W-9	L12708-09	7/18/2007	Sb-125	-3.30E+00	2.40E+00	8.70E+00
WG	W-9	L12708-09	7/18/2007	Se-75	1.00E-01	1.30E+00	4.50E+00
WG	W-9	L12708-09	7/18/2007	Zn-65	-3.00E-01	2.20E+00	7.70E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-9	L12708-09	7/18/2007	Zr-95	0.00E+00	1.90E+00	6.60E+00
WG	W-10	L12708-10	7/16/2007	AcTh-228	3.00E+00	3.80E+00	1.80E+01
WG	W-10	L12708-10	7/16/2007	Ag-108m	-1.81E+00	7.80E-01	2.80E+00
WG	W-10	L12708-10	7/16/2007	Ag-110m	-1.50E+00	1.40E+00	4.90E+00
WG	W-10	L12708-10	7/16/2007	Ba-140	-3.40E+00	2.80E+00	1.00E+01
WG	W-10	L12708-10	7/16/2007	Be-7	1.41E+01	9.00E+00	3.00E+01
WG	W-10	L12708-10	7/16/2007	Ce-141	2.00E-01	1.80E+00	6.00E+00
WG	W-10	L12708-10	7/16/2007	Ce-144	5.00E+00	4.80E+00	1.60E+01
WG	W-10	L12708-10	7/16/2007	Co-57	-4.40E-01	6.20E-01	2.10E+00
WG	W-10	L12708-10	7/16/2007	Co-58	5.00E-01	1.10E+00	3.80E+00
WG	W-10	L12708-10	7/16/2007	Co-60	-1.70E+00	1.20E+00	4.30E+00
WG	W-10	L12708-10	7/16/2007	Cr-51	6.10E+00	9.70E+00	3.30E+01
WG	W-10	L12708-10	7/16/2007	Cs-134	-1.00E-01	1.10E+00	3.90E+00
WG	W-10	L12708-10	7/16/2007	Cs-137	-1.04E+00	9.70E-01	3.50E+00
WG	W-10	L12708-10	7/16/2007	Fe-59	0.00E+00	2.50E+00	8.90E+00
WG	W-10	L12708-10	7/16/2007	H-3	-8.80E+02	4.10E+02	1.30E+03
WG	W-10	L12708-10	7/16/2007	I-131	-2.40E+00	3.60E+00	1.30E+01
WG	W-10	L12708-10	7/16/2007	K-40	8.00E+00	2.00E+01	7.00E+01
WG	W-10	L12708-10	7/16/2007	La-140	-3.90E+00	3.20E+00	1.20E+01
WG	W-10	L12708-10	7/16/2007	Mn-54	1.90E-01	9.30E-01	3.20E+00
WG	W-10	L12708-10	7/16/2007	Nb-95	-1.00E+00	1.40E+00	4.90E+00
WG	W-10	L12708-10	7/16/2007	Ru-103	5.00E-01	1.20E+00	4.00E+00
WG	W-10	L12708-10	7/16/2007	Ru-106	-9.30E+00	8.60E+00	3.10E+01
WG	W-10	L12708-10	7/16/2007	Sb-124	6.00E-01	2.90E+00	1.00E+01
WG	W-10	L12708-10	7/16/2007	Sb-125	-4.10E+00	2.60E+00	9.10E+00
WG	W-10	L12708-10	7/16/2007	Se-75	1.00E-01	1.00E+00	3.60E+00
WG	W-10	L12708-10	7/16/2007	Zn-65	-3.80E+00	2.00E+00	7.70E+00
WG	W-10	L12708-10	7/16/2007	Zr-95	1.80E+00	2.00E+00	6.90E+00
WG	W-11	L12708-11	7/17/2007	AcTh-228	-7.00E-01	4.30E+00	1.50E+01
WG	W-11	L12708-11	7/17/2007	Ag-108m	-1.20E-01	6.30E-01	2.20E+00
WG	W-11	L12708-11	7/17/2007	Ag-110m	-5.00E-01	1.10E+00	3.90E+00
WG	W-11	L12708-11	7/17/2007	Ba-140	1.30E+00	2.60E+00	9.00E+00
WG	W-11	L12708-11	7/17/2007	Be-7	1.13E+01	8.30E+00	2.70E+01
WG	W-11	L12708-11	7/17/2007	Ce-141	-8.00E-01	1.90E+00	6.50E+00
WG	W-11	L12708-11	7/17/2007	Ce-144	5.90E+00	4.40E+00	1.40E+01
WG	W-11	L12708-11	7/17/2007	Co-57	-2.20E-01	5.50E-01	1.90E+00
WG	W-11	L12708-11	7/17/2007	Co-58	6.90E-01	8.90E-01	3.00E+00
WG	W-11	L12708-11	7/17/2007	Co-60	5.30E-01	7.60E-01	2.60E+00
WG	W-11	L12708-11	7/17/2007	Cr-51	1.48E+01	9.80E+00	3.20E+01
WG	W-11	L12708-11	7/17/2007	Cs-134	1.55E+00	7.80E-01	2.50E+00
WG	W-11	L12708-11	7/17/2007	Cs-137	-3.50E-01	7.20E-01	2.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-11	L12708-11	7/17/2007	Fe-59	1.70E+00	2.00E+00	6.70E+00
WG	W-11	L12708-11	7/17/2007	H-3	-9.90E+02	4.20E+02	1.30E+03
WG	W-11	L12708-11	7/17/2007	I-131	2.40E+00	4.70E+00	1.60E+01
WG	W-11	L12708-11	7/17/2007	K-40	4.00E+00	1.50E+01	5.00E+01
WG	W-11	L12708-11	7/17/2007	La-140	1.50E+00	3.00E+00	1.00E+01
WG	W-11	L12708-11	7/17/2007	Mn-54	-1.72E+00	8.20E-01	3.00E+00
WG	W-11	L12708-11	7/17/2007	Nb-95	3.20E+00	1.10E+00	3.50E+00
WG	W-11	L12708-11	7/17/2007	Ru-103	-4.20E+00	1.20E+00	4.30E+00
WG	W-11	L12708-11	7/17/2007	Ru-106	-1.90E+00	7.60E+00	2.60E+01
WG	W-11	L12708-11	7/17/2007	Sb-124	-3.20E+00	2.20E+00	8.20E+00
WG	W-11	L12708-11	7/17/2007	Sb-125	7.00E-01	2.00E+00	6.80E+00
WG	W-11	L12708-11	7/17/2007	Se-75	-4.00E-01	1.10E+00	3.60E+00
WG	W-11	L12708-11	7/17/2007	Zn-65	2.50E+00	2.50E+00	8.20E+00
WG	W-11	L12708-11	7/17/2007	Zr-95	-7.00E-01	1.60E+00	5.70E+00
WG	W-12	L12708-12	7/17/2007	AcTh-228	-1.32E+01	4.00E+00	1.40E+01
WG	W-12	L12708-12	7/17/2007	Ag-108m	1.39E+00	6.20E-01	2.00E+00
WG	W-12	L12708-12	7/17/2007	Ag-110m	5.00E-01	1.00E+00	3.60E+00
WG	W-12	L12708-12	7/17/2007	Ba-140	-1.30E+00	2.60E+00	9.30E+00
WG	W-12	L12708-12	7/17/2007	Be-7	-1.07E+01	8.30E+00	2.90E+01
WG	W-12	L12708-12	7/17/2007	Ce-141	3.40E+00	2.00E+00	6.50E+00
WG	W-12	L12708-12	7/17/2007	Ce-144	2.90E+00	4.30E+00	1.40E+01
WG	W-12	L12708-12	7/17/2007	Co-57	1.10E-01	5.40E-01	1.80E+00
WG	W-12	L12708-12	7/17/2007	Co-58	-1.79E+00	9.70E-01	3.50E+00
WG	W-12	L12708-12	7/17/2007	Co-60	7.90E-01	7.40E-01	2.50E+00
WG	W-12	L12708-12	7/17/2007	Cr-51	2.00E+01	1.00E+01	3.30E+01
WG	W-12	L12708-12	7/17/2007	Cs-134	2.90E-01	8.50E-01	2.90E+00
WG	W-12	L12708-12	7/17/2007	Cs-137	-8.70E-01	7.20E-01	2.60E+00
WG	W-12	L12708-12	7/17/2007	Fe-59	2.00E+00	1.90E+00	6.30E+00
WG	W-12	L12708-12	7/17/2007	H-3	-3.60E+02	4.20E+02	1.30E+03
WG	W-12	L12708-12	7/17/2007	I-131	3.30E+00	5.20E+00	1.70E+01
WG	W-12	L12708-12	7/17/2007	K-40	-7.40E+01	1.30E+01	5.60E+01
WG	W-12	L12708-12	7/17/2007	La-140	-1.50E+00	3.00E+00	1.10E+01
WG	W-12	L12708-12	7/17/2007	Mn-54	-3.10E-01	7.50E-01	2.60E+00
WG	W-12	L12708-12	7/17/2007	Nb-95	-1.00E-01	1.10E+00	3.60E+00
WG	W-12	L12708-12	7/17/2007	Ru-103	-1.80E+00	1.10E+00	3.90E+00
WG	W-12	L12708-12	7/17/2007	Ru-106	1.42E+01	7.40E+00	2.40E+01
WG	W-12	L12708-12	7/17/2007	Sb-124	-1.10E+00	2.00E+00	7.40E+00
WG	W-12	L12708-12	7/17/2007	Sb-125	0.00E+00	1.90E+00	6.50E+00
WG	W-12	L12708-12	7/17/2007	Se-75	-1.00E-01	1.10E+00	3.60E+00
WG	W-12	L12708-12	7/17/2007	Zn-65	1.40E+00	1.60E+00	5.50E+00
WG	W-12	L12708-12	7/17/2007	Zr-95	-1.10E+00	1.50E+00	5.40E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-13	L12708-13	7/16/2007	AcTh-228	-6.00E-01	5.90E+00	2.00E+01
WG	W-13	L12708-13	7/16/2007	Ag-108m	-1.38E+00	7.30E-01	2.60E+00
WG	W-13	L12708-13	7/16/2007	Ag-110m	2.00E+00	1.30E+00	4.20E+00
WG	W-13	L12708-13	7/16/2007	Ba-140	-3.40E+00	2.80E+00	1.10E+01
WG	W-13	L12708-13	7/16/2007	Be-7	-2.12E+01	8.40E+00	3.10E+01
WG	W-13	L12708-13	7/16/2007	Ce-141	6.00E-01	1.40E+00	4.80E+00
WG	W-13	L12708-13	7/16/2007	Ce-144	2.40E+00	4.00E+00	1.30E+01
WG	W-13	L12708-13	7/16/2007	Co-57	9.70E-01	7.10E-01	2.40E+00
WG	W-13	L12708-13	7/16/2007	Co-58	-2.30E+00	1.10E+00	4.10E+00
WG	W-13	L12708-13	7/16/2007	Co-60	2.40E+00	1.20E+00	3.70E+00
WG	W-13	L12708-13	7/16/2007	Cr-51	2.20E+00	8.50E+00	2.90E+01
WG	W-13	L12708-13	7/16/2007	Cs-134	-2.20E-01	9.80E-01	3.50E+00
WG	W-13	L12708-13	7/16/2007	Cs-137	-1.49E+00	9.00E-01	3.30E+00
WG	W-13	L12708-13	7/16/2007	Fe-59	1.20E+00	2.20E+00	7.50E+00
WG	W-13	L12708-13	7/16/2007	H-3	-4.70E+02	4.20E+02	1.30E+03
WG	W-13	L12708-13	7/16/2007	I-131	1.50E+00	3.10E+00	1.10E+01
WG	W-13	L12708-13	7/16/2007	K-40	-3.00E+00	2.10E+01	7.20E+01
WG	W-13	L12708-13	7/16/2007	La-140	-4.00E+00	3.20E+00	1.20E+01
WG	W-13	L12708-13	7/16/2007	Mn-54	-2.20E-01	9.50E-01	3.30E+00
WG	W-13	L12708-13	7/16/2007	Nb-95	1.30E+00	1.30E+00	4.30E+00
WG	W-13	L12708-13	7/16/2007	Ru-103	-8.00E-01	1.20E+00	4.00E+00
WG	W-13	L12708-13	7/16/2007	Ru-106	-1.60E+00	8.40E+00	2.90E+01
WG	W-13	L12708-13	7/16/2007	Sb-124	3.00E-01	3.00E+00	1.10E+01
WG	W-13	L12708-13	7/16/2007	Sb-125	4.00E-01	2.30E+00	7.90E+00
WG	W-13	L12708-13	7/16/2007	Se-75	9.80E-01	9.50E-01	3.20E+00
WG	W-13	L12708-13	7/16/2007	Zn-65	-2.00E+00	2.00E+00	7.50E+00
WG	W-13	L12708-13	7/16/2007	Zr-95	4.00E-01	1.80E+00	6.10E+00
WG	W-14	L12708-14	7/16/2007	AcTh-228	2.00E-01	6.10E+00	2.10E+01
WG	W-14	L12708-14	7/16/2007	Ag-108m	-1.26E+00	7.40E-01	2.70E+00
WG	W-14	L12708-14	7/16/2007	Ag-110m	-1.30E+00	1.30E+00	4.60E+00
WG	W-14	L12708-14	7/16/2007	Ba-140	3.00E-01	2.80E+00	9.90E+00
WG	W-14	L12708-14	7/16/2007	Be-7	1.44E+01	8.70E+00	2.90E+01
WG	W-14	L12708-14	7/16/2007	Ce-141	1.30E+00	1.90E+00	6.40E+00
WG	W-14	L12708-14	7/16/2007	Ce-144	4.00E-01	4.70E+00	1.60E+01
WG	W-14	L12708-14	7/16/2007	Co-57	1.19E+00	5.90E-01	1.90E+00
WG	W-14	L12708-14	7/16/2007	Co-58	-1.70E-01	9.80E-01	3.50E+00
WG	W-14	L12708-14	7/16/2007	Co-60	9.00E-01	1.10E+00	3.80E+00
WG	W-14	L12708-14	7/16/2007	Cr-51	2.00E+00	1.00E+01	3.40E+01
WG	W-14	L12708-14	7/16/2007	Cs-134	-1.50E-01	9.70E-01	3.40E+00
WG	W-14	L12708-14	7/16/2007	Cs-137	-7.00E-01	1.00E+00	3.70E+00
WG	W-14	L12708-14	7/16/2007	Fe-59	-1.60E+00	2.40E+00	8.60E+00
WG	W-14	L12708-14	7/16/2007	H-3	-4.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-14	L12708-14	7/16/2007	I-131	-4.20E+00	3.90E+00	1.30E+01
WG	W-14	L12708-14	7/16/2007	K-40	2.50E+01	2.00E+01	6.80E+01
WG	W-14	L12708-14	7/16/2007	La-140	3.00E-01	3.20E+00	1.10E+01
WG	W-14	L12708-14	7/16/2007	Mn-54	4.90E-01	9.40E-01	3.20E+00
WG	W-14	L12708-14	7/16/2007	Nb-95	7.00E-01	1.30E+00	4.30E+00
WG	W-14	L12708-14	7/16/2007	Ru-103	-2.50E+00	1.10E+00	4.10E+00
WG	W-14	L12708-14	7/16/2007	Ru-106	-2.24E+01	9.10E+00	3.40E+01
WG	W-14	L12708-14	7/16/2007	Sb-124	-3.20E+00	2.60E+00	1.00E+01
WG	W-14	L12708-14	7/16/2007	Sb-125	-5.00E-01	2.30E+00	7.90E+00
WG	W-14	L12708-14	7/16/2007	Se-75	-2.00E-01	1.00E+00	3.50E+00
WG	W-14	L12708-14	7/16/2007	Zn-65	-5.60E+00	2.20E+00	8.60E+00
WG	W-14	L12708-14	7/16/2007	Zr-95	-4.00E-01	1.80E+00	6.30E+00
WG	W-15	L12708-15	7/16/2007	AcTh-228	1.60E+00	3.90E+00	1.30E+01
WG	W-15	L12708-15	7/16/2007	Ag-108m	-2.50E-01	5.20E-01	1.80E+00
WG	W-15	L12708-15	7/16/2007	Ag-110m	-1.40E+00	1.20E+00	4.20E+00
WG	W-15	L12708-15	7/16/2007	Ba-140	1.30E+00	2.00E+00	6.70E+00
WG	W-15	L12708-15	7/16/2007	Be-7	-3.90E+00	6.70E+00	2.30E+01
WG	W-15	L12708-15	7/16/2007	Ce-141	5.00E-01	1.70E+00	5.60E+00
WG	W-15	L12708-15	7/16/2007	Ce-144	-1.80E+00	3.50E+00	1.20E+01
WG	W-15	L12708-15	7/16/2007	Co-57	-2.20E-01	4.40E-01	1.50E+00
WG	W-15	L12708-15	7/16/2007	Co-58	8.30E-01	7.10E-01	2.40E+00
WG	W-15	L12708-15	7/16/2007	Co-60	1.60E-01	5.90E-01	2.00E+00
WG	W-15	L12708-15	7/16/2007	Cr-51	1.30E+01	8.40E+00	2.80E+01
WG	W-15	L12708-15	7/16/2007	Cs-134	9.10E-01	6.60E-01	2.20E+00
WG	W-15	L12708-15	7/16/2007	Cs-137	-5.30E-01	6.00E-01	2.10E+00
WG	W-15	L12708-15	7/16/2007	Fe-59	3.00E+00	1.60E+00	5.40E+00
WG	W-15	L12708-15	7/16/2007	H-3	-5.30E+02	4.10E+02	1.30E+03
WG	W-15	L12708-15	7/16/2007	I-131	4.00E-01	4.10E+00	1.40E+01
WG	W-15	L12708-15	7/16/2007	K-40	6.00E+00	1.30E+01	4.50E+01
WG	W-15	L12708-15	7/16/2007	La-140	1.50E+00	2.30E+00	7.70E+00
WG	W-15	L12708-15	7/16/2007	Mn-54	-1.26E+00	6.60E-01	2.40E+00
WG	W-15	L12708-15	7/16/2007	Nb-95	7.30E-01	9.30E-01	3.10E+00
WG	W-15	L12708-15	7/16/2007	Ru-103	-3.66E+00	9.10E-01	3.30E+00
WG	W-15	L12708-15	7/16/2007	Ru-106	-3.20E+00	6.10E+00	2.10E+01
WG	W-15	L12708-15	7/16/2007	Sb-124	-2.80E+00	1.60E+00	6.10E+00
WG	W-15	L12708-15	7/16/2007	Sb-125	-2.00E-01	1.60E+00	5.60E+00
WG	W-15	L12708-15	7/16/2007	Se-75	6.00E-01	8.60E-01	2.90E+00
WG	W-15	L12708-15	7/16/2007	Zn-65	-1.60E+00	1.40E+00	5.00E+00
WG	W-15	L12708-15	7/16/2007	Zr-95	-1.60E+00	1.30E+00	4.50E+00
WG	MW-20	L12708-16	7/16/2007	AcTh-228	4.00E+00	3.40E+00	1.10E+01
WG	MW-20	L12708-16	7/16/2007	Ag-108m	5.30E-01	7.50E-01	2.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-20	L12708-16	7/16/2007	Ag-110m	8.00E-01	1.30E+00	4.40E+00
WG	MW-20	L12708-16	7/16/2007	Ba-140	1.20E+00	2.20E+00	7.80E+00
WG	MW-20	L12708-16	7/16/2007	Be-7	-1.50E+00	8.80E+00	3.00E+01
WG	MW-20	L12708-16	7/16/2007	Ce-141	1.20E+00	2.20E+00	7.50E+00
WG	MW-20	L12708-16	7/16/2007	Ce-144	1.90E+00	5.30E+00	1.80E+01
WG	MW-20	L12708-16	7/16/2007	Co-57	3.60E-01	6.90E-01	2.30E+00
WG	MW-20	L12708-16	7/16/2007	Co-58	-1.20E+00	1.00E+00	3.80E+00
WG	MW-20	L12708-16	7/16/2007	Co-60	3.80E-01	9.80E-01	3.40E+00
WG	MW-20	L12708-16	7/16/2007	Cr-51	-4.00E+00	1.10E+01	3.70E+01
WG	MW-20	L12708-16	7/16/2007	Cs-134	6.80E-01	9.50E-01	3.20E+00
WG	MW-20	L12708-16	7/16/2007	Cs-137	4.20E-01	8.40E-01	2.90E+00
WG	MW-20	L12708-16	7/16/2007	Fe-59	-1.40E+00	2.40E+00	8.70E+00
WG	MW-20	L12708-16	7/16/2007	H-3	-9.00E+02	4.20E+02	1.30E+03
WG	MW-20	L12708-16	7/16/2007	I-131	-4.60E+00	3.80E+00	1.40E+01
WG	MW-20	L12708-16	7/16/2007	K-40	6.00E+00	1.60E+01	5.60E+01
WG	MW-20	L12708-16	7/16/2007	La-140	1.40E+00	2.60E+00	9.00E+00
WG	MW-20	L12708-16	7/16/2007	Mn-54	7.50E-01	9.90E-01	3.40E+00
WG	MW-20	L12708-16	7/16/2007	Nb-95	2.80E+00	1.30E+00	4.10E+00
WG	MW-20	L12708-16	7/16/2007	Ru-103	-3.00E-01	1.20E+00	4.10E+00
WG	MW-20	L12708-16	7/16/2007	Ru-106	-7.50E+00	8.80E+00	3.10E+01
WG	MW-20	L12708-16	7/16/2007	Sb-124	2.20E+00	2.50E+00	8.50E+00
WG	MW-20	L12708-16	7/16/2007	Sb-125	3.30E+00	2.20E+00	7.40E+00
WG	MW-20	L12708-16	7/16/2007	Se-75	-1.10E+00	1.20E+00	4.30E+00
WG	MW-20	L12708-16	7/16/2007	Zn-65	1.30E+00	2.00E+00	7.00E+00
WG	MW-20	L12708-16	7/16/2007	Zr-95	-2.50E+00	1.80E+00	6.50E+00
WG	MW-21	L12708-17	7/16/2007	AcTh-228	2.60E+00	1.50E+00	5.00E+00
WG	MW-21	L12708-17	7/16/2007	Ag-108m	-2.10E-01	5.50E-01	1.90E+00
WG	MW-21	L12708-17	7/16/2007	Ag-110m	6.80E-01	9.30E-01	3.20E+00
WG	MW-21	L12708-17	7/16/2007	Ba-140	-1.90E+00	2.10E+00	7.70E+00
WG	MW-21	L12708-17	7/16/2007	Be-7	2.00E+00	6.50E+00	2.20E+01
WG	MW-21	L12708-17	7/16/2007	Ce-141	-1.10E+00	1.60E+00	5.30E+00
WG	MW-21	L12708-17	7/16/2007	Ce-144	-7.80E+00	3.90E+00	1.40E+01
WG	MW-21	L12708-17	7/16/2007	Co-57	-4.70E-01	5.00E-01	1.70E+00
WG	MW-21	L12708-17	7/16/2007	Co-58	8.00E-01	7.60E-01	2.60E+00
WG	MW-21	L12708-17	7/16/2007	Co-60	4.00E-01	7.30E-01	2.50E+00
WG	MW-21	L12708-17	7/16/2007	Cr-51	-4.80E+00	8.70E+00	3.00E+01
WG	MW-21	L12708-17	7/16/2007	Cs-134	-3.90E-01	7.70E-01	2.70E+00
WG	MW-21	L12708-17	7/16/2007	Cs-137	-6.50E-01	6.60E-01	2.30E+00
WG	MW-21	L12708-17	7/16/2007	Fe-59	3.90E+00	1.90E+00	6.20E+00
WG	MW-21	L12708-17	7/16/2007	H-3	-3.30E+02	4.30E+02	1.30E+03
WG	MW-21	L12708-17	7/16/2007	I-131	3.30E+00	4.20E+00	1.40E+01
WG	MW-21	L12708-17	7/16/2007	K-40	4.00E+01	1.50E+01	4.80E+01

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-21	L12708-17	7/16/2007	La-140	-2.20E+00	2.40E+00	8.80E+00
WG	MW-21	L12708-17	7/16/2007	Mn-54	-6.10E-01	6.80E-01	2.40E+00
WG	MW-21	L12708-17	7/16/2007	Nb-95	2.10E+00	1.00E+00	3.30E+00
WG	MW-21	L12708-17	7/16/2007	Ru-103	1.10E+00	1.00E+00	3.30E+00
WG	MW-21	L12708-17	7/16/2007	Ru-106	2.90E+00	6.50E+00	2.20E+01
WG	MW-21	L12708-17	7/16/2007	Sb-124	0.00E+00	1.80E+00	6.50E+00
WG	MW-21	L12708-17	7/16/2007	Sb-125	1.00E-01	1.70E+00	5.80E+00
WG	MW-21	L12708-17	7/16/2007	Se-75	-9.50E-01	9.00E-01	3.10E+00
WG	MW-21	L12708-17	7/16/2007	Zn-65	-1.40E+00	1.60E+00	5.80E+00
WG	MW-21	L12708-17	7/16/2007	Zr-95	1.50E+00	1.40E+00	4.50E+00
WG	W-1	L13105-01	10/16/2007	AcTh-228	1.29E+01	9.30E+00	3.10E+01
WG	W-1	L13105-01	10/16/2007	Ag-108m	-1.90E+00	1.30E+00	4.80E+00
WG	W-1	L13105-01	10/16/2007	Ag-110m	-3.00E-01	2.40E+00	8.50E+00
WG	W-1	L13105-01	10/16/2007	Ba-140	-1.50E+00	3.70E+00	1.40E+01
WG	W-1	L13105-01	10/16/2007	Be-7	5.00E+00	1.30E+01	4.50E+01
WG	W-1	L13105-01	10/16/2007	Ce-141	2.80E+00	2.30E+00	7.60E+00
WG	W-1	L13105-01	10/16/2007	Ce-144	-1.13E+01	7.70E+00	2.70E+01
WG	W-1	L13105-01	10/16/2007	Co-57	-6.00E-01	1.00E+00	3.50E+00
WG	W-1	L13105-01	10/16/2007	Co-58	-8.00E-01	1.50E+00	5.70E+00
WG	W-1	L13105-01	10/16/2007	Co-60	-2.20E+00	1.90E+00	7.60E+00
WG	W-1	L13105-01	10/16/2007	Cr-51	-1.10E+01	1.30E+01	4.80E+01
WG	W-1	L13105-01	10/16/2007	Cs-134	1.00E+00	1.70E+00	5.80E+00
WG	W-1	L13105-01	10/16/2007	Cs-137	-9.00E-01	1.70E+00	6.30E+00
WG	W-1	L13105-01	10/16/2007	Fe-59	1.30E+00	3.30E+00	1.20E+01
WG	W-1	L13105-01	10/16/2007	H-3	-1.30E+02	4.40E+02	1.30E+03
WG	W-1	L13105-01	10/16/2007	I-131	-4.80E+00	2.80E+00	1.00E+01
WG	W-1	L13105-01	10/16/2007	K-40	8.60E+01	3.10E+01	9.50E+01
WG	W-1	L13105-01	10/16/2007	La-140	-1.50E+00	3.70E+00	1.40E+01
WG	W-1	L13105-01	10/16/2007	Mn-54	1.40E+00	1.40E+00	4.80E+00
WG	W-1	L13105-01	10/16/2007	Nb-95	-2.40E+00	1.90E+00	7.10E+00
WG	W-1	L13105-01	10/16/2007	Ru-103	1.70E+00	1.70E+00	5.80E+00
WG	W-1	L13105-01	10/16/2007	Ru-106	-4.00E+00	1.50E+01	5.40E+01
WG	W-1	L13105-01	10/16/2007	Sb-124	4.40E+00	3.40E+00	1.20E+01
WG	W-1	L13105-01	10/16/2007	Sb-125	-5.60E+00	4.10E+00	1.50E+01
WG	W-1	L13105-01	10/16/2007	Se-75	5.00E-01	1.70E+00	5.90E+00
WG	W-1	L13105-01	10/16/2007	Zn-65	-4.90E+00	7.40E+00	2.60E+01
WG	W-1	L13105-01	10/16/2007	Zr-95	-1.20E+00	2.90E+00	1.00E+01
WG	W-2	L13114-01	10/18/2007	AcTh-228	-3.10E+00	6.60E+00	2.50E+01
WG	W-2	L13114-01	10/18/2007	Ag-108m	-1.00E+00	1.60E+00	5.80E+00
WG	W-2	L13114-01	10/18/2007	Ag-110m	2.30E+00	2.60E+00	8.90E+00
WG	W-2	L13114-01	10/18/2007	Ba-140	-1.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-2	L13114-01	10/18/2007	Be-7	1.90E+01	1.60E+01	5.20E+01
WG	W-2	L13114-01	10/18/2007	Ce-141	6.60E+00	2.80E+00	8.80E+00
WG	W-2	L13114-01	10/18/2007	Ce-144	-5.00E+00	1.10E+01	3.70E+01
WG	W-2	L13114-01	10/18/2007	Co-57	1.10E+00	1.30E+00	4.60E+00
WG	W-2	L13114-01	10/18/2007	Co-58	-1.90E+00	1.90E+00	7.30E+00
WG	W-2	L13114-01	10/18/2007	Co-60	-2.20E+00	2.00E+00	8.30E+00
WG	W-2	L13114-01	10/18/2007	Cr-51	4.00E+00	1.80E+01	6.20E+01
WG	W-2	L13114-01	10/18/2007	Cs-134	0.00E+00	2.00E+00	7.40E+00
WG	W-2	L13114-01	10/18/2007	Cs-137	1.50E+00	1.90E+00	6.70E+00
WG	W-2	L13114-01	10/18/2007	Fe-59	2.10E+00	3.80E+00	1.40E+01
WG	W-2	L13114-01	10/18/2007	H-3	6.00E+02	3.40E+02	1.00E+03
WG	W-2	L13114-01	10/18/2007	I-131	-3.90E+00	3.90E+00	1.40E+01
WG	W-2	L13114-01	10/18/2007	K-40	-2.50E+01	2.60E+01	1.00E+02
WG	W-2	L13114-01	10/18/2007	La-140	-1.40E+00	3.30E+00	1.30E+01
WG	W-2	L13114-01	10/18/2007	Mn-54	-5.00E-01	1.80E+00	6.90E+00
WG	W-2	L13114-01	10/18/2007	Nb-95	2.50E+00	1.90E+00	6.30E+00
WG	W-2	L13114-01	10/18/2007	Ru-103	-3.10E+00	1.90E+00	7.40E+00
WG	W-2	L13114-01	10/18/2007	Ru-106	-1.30E+01	1.70E+01	6.30E+01
WG	W-2	L13114-01	10/18/2007	Sb-124	-2.90E+00	4.20E+00	1.70E+01
WG	W-2	L13114-01	10/18/2007	Sb-125	-2.10E+00	4.90E+00	1.80E+01
WG	W-2	L13114-01	10/18/2007	Se-75	1.50E+00	2.00E+00	6.70E+00
WG	W-2	L13114-01	10/18/2007	Zn-65	-2.00E+00	7.40E+00	2.60E+01
WG	W-2	L13114-01	10/18/2007	Zr-95	-2.80E+00	3.20E+00	1.20E+01
WG	W-3	L13105-02	10/15/2007	AcTh-228	1.25E+01	8.20E+00	2.70E+01
WG	W-3	L13105-02	10/15/2007	Ag-108m	5.00E-01	2.10E+00	7.10E+00
WG	W-3	L13105-02	10/15/2007	Ag-110m	-4.40E+00	2.60E+00	1.00E+01
WG	W-3	L13105-02	10/15/2007	Ba-140	7.60E+00	3.90E+00	1.20E+01
WG	W-3	L13105-02	10/15/2007	Be-7	3.00E+00	2.00E+01	7.00E+01
WG	W-3	L13105-02	10/15/2007	Ce-141	5.00E-01	3.70E+00	1.20E+01
WG	W-3	L13105-02	10/15/2007	Ce-144	-6.00E+00	1.20E+01	4.10E+01
WG	W-3	L13105-02	10/15/2007	Co-57	8.00E-01	1.50E+00	5.10E+00
WG	W-3	L13105-02	10/15/2007	Co-58	-7.00E-01	2.20E+00	8.10E+00
WG	W-3	L13105-02	10/15/2007	Co-60	7.00E-01	1.90E+00	6.80E+00
WG	W-3	L13105-02	10/15/2007	Cr-51	2.50E+01	2.00E+01	6.70E+01
WG	W-3	L13105-02	10/15/2007	Cs-134	2.90E+00	2.10E+00	6.90E+00
WG	W-3	L13105-02	10/15/2007	Cs-137	-4.80E+00	2.00E+00	7.80E+00
WG	W-3	L13105-02	10/15/2007	Fe-59	3.30E+00	4.70E+00	1.60E+01
WG	W-3	L13105-02	10/15/2007	H-3	-1.30E+02	4.40E+02	1.30E+03
WG	W-3	L13105-02	10/15/2007	I-131	4.60E+00	4.20E+00	1.40E+01
WG	W-3	L13105-02	10/15/2007	K-40	-1.00E+01	2.80E+01	1.00E+02
WG	W-3	L13105-02	10/15/2007	La-140	7.60E+00	3.90E+00	1.20E+01
WG	W-3	L13105-02	10/15/2007	Mn-54	-3.00E+00	2.10E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-3	L13105-02	10/15/2007	Nb-95	-8.20E+00	3.40E+00	1.40E+01
WG	W-3	L13105-02	10/15/2007	Ru-103	-6.00E+00	2.50E+00	9.40E+00
WG	W-3	L13105-02	10/15/2007	Ru-106	1.30E+01	1.80E+01	6.30E+01
WG	W-3	L13105-02	10/15/2007	Sb-124	6.40E+00	4.80E+00	1.60E+01
WG	W-3	L13105-02	10/15/2007	Sb-125	-1.40E+00	5.60E+00	2.00E+01
WG	W-3	L13105-02	10/15/2007	Se-75	-1.00E+00	2.60E+00	9.20E+00
WG	W-3	L13105-02	10/15/2007	Zn-65	1.20E+00	8.40E+00	2.90E+01
WG	W-3	L13105-02	10/15/2007	Zr-95	-3.20E+00	3.80E+00	1.40E+01
WG	W-4	L13105-03	10/16/2007	AcTh-228	-2.00E-01	6.90E+00	2.40E+01
WG	W-4	L13105-03	10/16/2007	Ag-108m	1.00E-01	1.40E+00	4.70E+00
WG	W-4	L13105-03	10/16/2007	Ag-110m	8.00E-01	2.40E+00	8.40E+00
WG	W-4	L13105-03	10/16/2007	Ba-140	-2.60E+00	3.20E+00	1.20E+01
WG	W-4	L13105-03	10/16/2007	Be-7	-1.80E+01	1.30E+01	4.80E+01
WG	W-4	L13105-03	10/16/2007	Ce-141	-1.50E+00	2.10E+00	7.40E+00
WG	W-4	L13105-03	10/16/2007	Ce-144	9.00E+00	9.60E+00	3.20E+01
WG	W-4	L13105-03	10/16/2007	Co-57	1.90E+00	1.20E+00	4.00E+00
WG	W-4	L13105-03	10/16/2007	Co-58	-6.80E+00	1.90E+00	7.30E+00
WG	W-4	L13105-03	10/16/2007	Co-60	2.00E-01	1.70E+00	6.20E+00
WG	W-4	L13105-03	10/16/2007	Cr-51	-5.00E+00	1.50E+01	5.30E+01
WG	W-4	L13105-03	10/16/2007	Cs-134	1.20E+00	1.80E+00	6.20E+00
WG	W-4	L13105-03	10/16/2007	Cs-137	1.70E+00	2.90E+00	9.90E+00
WG	W-4	L13105-03	10/16/2007	Fe-59	-6.00E+00	3.60E+00	1.40E+01
WG	W-4	L13105-03	10/16/2007	H-3	7.30E+02	4.60E+02	1.30E+03
WG	W-4	L13105-03	10/16/2007	I-131	9.70E+00	3.50E+00	1.10E+01
WG	W-4	L13105-03	10/16/2007	K-40	1.00E+01	2.60E+01	9.00E+01
WG	W-4	L13105-03	10/16/2007	La-140	-2.60E+00	3.20E+00	1.20E+01
WG	W-4	L13105-03	10/16/2007	Mn-54	-1.30E+00	1.70E+00	6.00E+00
WG	W-4	L13105-03	10/16/2007	Nb-95	3.10E+00	3.10E+00	1.00E+01
WG	W-4	L13105-03	10/16/2007	Ru-103	1.80E+00	1.80E+00	6.10E+00
WG	W-4	L13105-03	10/16/2007	Ru-106	1.70E+01	1.50E+01	4.90E+01
WG	W-4	L13105-03	10/16/2007	Sb-124	-2.50E+00	3.50E+00	1.30E+01
WG	W-4	L13105-03	10/16/2007	Sb-125	1.90E+00	4.50E+00	1.50E+01
WG	W-4	L13105-03	10/16/2007	Se-75	-1.30E+00	2.00E+00	7.00E+00
WG	W-4	L13105-03	10/16/2007	Zn-65	-6.40E+00	8.60E+00	2.90E+01
WG	W-4	L13105-03	10/16/2007	Zr-95	-1.50E+00	2.60E+00	9.60E+00
WG	W-5	L13105-04	10/16/2007	AcTh-228	-2.10E+00	8.70E+00	3.10E+01
WG	W-5	L13105-04	10/16/2007	Ag-108m	4.00E-01	1.70E+00	5.80E+00
WG	W-5	L13105-04	10/16/2007	Ag-110m	-1.40E+00	3.00E+00	1.10E+01
WG	W-5	L13105-04	10/16/2007	Ba-140	3.30E+00	4.20E+00	1.50E+01
WG	W-5	L13105-04	10/16/2007	Be-7	-2.00E+01	1.70E+01	6.20E+01
WG	W-5	L13105-04	10/16/2007	Ce-141	-3.60E+00	3.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-5	L13105-04	10/16/2007	Ce-144	4.00E+00	1.00E+01	3.40E+01
WG	W-5	L13105-04	10/16/2007	Co-57	-6.00E-01	1.40E+00	4.70E+00
WG	W-5	L13105-04	10/16/2007	Co-58	-1.20E+00	2.40E+00	8.70E+00
WG	W-5	L13105-04	10/16/2007	Co-60	-1.20E+00	2.50E+00	9.40E+00
WG	W-5	L13105-04	10/16/2007	Cr-51	1.00E+01	1.60E+01	5.30E+01
WG	W-5	L13105-04	10/16/2007	Cs-134	-1.00E+00	2.50E+00	9.10E+00
WG	W-5	L13105-04	10/16/2007	Cs-137	1.60E+00	2.00E+00	7.00E+00
WG	W-5	L13105-04	10/16/2007	Fe-59	-8.90E+00	4.80E+00	1.90E+01
WG	W-5	L13105-04	10/16/2007	H-3	1.70E+03	4.80E+02	1.30E+03 *
WG	W-5	L13105-04	10/16/2007	I-131	-3.20E+00	3.20E+00	1.20E+01
WG	W-5	L13105-04	10/16/2007	K-40	6.00E+01	2.10E+01	6.30E+01
WG	W-5	L13105-04	10/16/2007	La-140	3.30E+00	4.20E+00	1.50E+01
WG	W-5	L13105-04	10/16/2007	Mn-54	-1.70E+00	2.20E+00	8.10E+00
WG	W-5	L13105-04	10/16/2007	Nb-95	4.60E+00	3.70E+00	1.20E+01
WG	W-5	L13105-04	10/16/2007	Ru-103	2.00E+00	2.20E+00	7.40E+00
WG	W-5	L13105-04	10/16/2007	Ru-106	-2.60E+01	1.70E+01	6.40E+01
WG	W-5	L13105-04	10/16/2007	Sb-124	8.60E+00	5.30E+00	1.70E+01
WG	W-5	L13105-04	10/16/2007	Sb-125	-2.30E+00	5.40E+00	1.90E+01
WG	W-5	L13105-04	10/16/2007	Se-75	7.00E-01	2.10E+00	7.30E+00
WG	W-5	L13105-04	10/16/2007	Zn-65	-8.00E+00	6.00E+00	2.30E+01
WG	W-5	L13105-04	10/16/2007	Zr-95	-6.70E+00	4.30E+00	1.60E+01
WG	W-6	L13105-05	10/16/2007	AcTh-228	3.60E+00	7.50E+00	3.00E+01
WG	W-6	L13105-05	10/16/2007	Ag-108m	-1.80E+00	1.40E+00	5.20E+00
WG	W-6	L13105-05	10/16/2007	Ag-110m	-1.40E+00	2.60E+00	9.60E+00
WG	W-6	L13105-05	10/16/2007	Ba-140	1.50E+00	3.30E+00	1.20E+01
WG	W-6	L13105-05	10/16/2007	Be-7	-3.00E+00	1.60E+01	5.60E+01
WG	W-6	L13105-05	10/16/2007	Ce-141	4.80E+00	2.60E+00	8.40E+00
WG	W-6	L13105-05	10/16/2007	Ce-144	-9.20E+00	9.10E+00	3.20E+01
WG	W-6	L13105-05	10/16/2007	Co-57	-1.40E+00	1.20E+00	4.30E+00
WG	W-6	L13105-05	10/16/2007	Co-58	0.00E+00	1.80E+00	6.60E+00
WG	W-6	L13105-05	10/16/2007	Co-60	-1.00E+00	2.10E+00	7.90E+00
WG	W-6	L13105-05	10/16/2007	Cr-51	-9.00E+00	1.50E+01	5.40E+01
WG	W-6	L13105-05	10/16/2007	Cs-134	2.00E+00	1.90E+00	6.40E+00
WG	W-6	L13105-05	10/16/2007	Cs-137	-8.00E-01	1.90E+00	6.90E+00
WG	W-6	L13105-05	10/16/2007	Fe-59	4.60E+00	4.00E+00	1.30E+01
WG	W-6	L13105-05	10/16/2007	H-3	6.00E+02	4.60E+02	1.30E+03
WG	W-6	L13105-05	10/16/2007	I-131	6.40E+00	3.20E+00	1.00E+01
WG	W-6	L13105-05	10/16/2007	K-40	6.20E+01	3.50E+01	1.10E+02
WG	W-6	L13105-05	10/16/2007	La-140	1.50E+00	3.30E+00	1.20E+01
WG	W-6	L13105-05	10/16/2007	Mn-54	2.10E+00	1.80E+00	6.10E+00
WG	W-6	L13105-05	10/16/2007	Nb-95	-2.30E+00	2.30E+00	8.50E+00
WG	W-6	L13105-05	10/16/2007	Ru-103	-2.60E+00	1.90E+00	7.20E+00

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

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-6	L13105-05	10/16/2007	Ru-106	2.10E+01	1.60E+01	5.20E+01
WG	W-6	L13105-05	10/16/2007	Sb-124	-3.70E+00	4.80E+00	1.90E+01
WG	W-6	L13105-05	10/16/2007	Sb-125	4.00E-01	5.00E+00	1.70E+01
WG	W-6	L13105-05	10/16/2007	Se-75	6.00E-01	1.80E+00	6.30E+00
WG	W-6	L13105-05	10/16/2007	Zn-65	-1.15E+01	4.70E+00	1.90E+01
WG	W-6	L13105-05	10/16/2007	Zr-95	-1.50E+00	3.40E+00	1.20E+01
WG	W-7	L13105-06	10/15/2007	AcTh-228	6.60E+00	7.50E+00	2.60E+01
WG	W-7	L13105-06	10/15/2007	Ag-108m	0.00E+00	1.50E+00	5.40E+00
WG	W-7	L13105-06	10/15/2007	Ag-110m	1.20E+00	2.50E+00	8.70E+00
WG	W-7	L13105-06	10/15/2007	Ba-140	-1.20E+00	3.70E+00	1.40E+01
WG	W-7	L13105-06	10/15/2007	Be-7	7.00E+00	1.50E+01	5.40E+01
WG	W-7	L13105-06	10/15/2007	Ce-141	-3.70E+00	2.90E+00	1.00E+01
WG	W-7	L13105-06	10/15/2007	Ce-144	4.00E+00	1.10E+01	3.60E+01
WG	W-7	L13105-06	10/15/2007	Co-57	-3.00E-01	1.30E+00	4.60E+00
WG	W-7	L13105-06	10/15/2007	Co-58	-7.00E-01	1.90E+00	7.00E+00
WG	W-7	L13105-06	10/15/2007	Co-60	2.60E+00	1.90E+00	6.40E+00
WG	W-7	L13105-06	10/15/2007	Cr-51	1.80E+01	1.80E+01	6.00E+01
WG	W-7	L13105-06	10/15/2007	Cs-134	0.00E+00	2.20E+00	7.80E+00
WG	W-7	L13105-06	10/15/2007	Cs-137	-4.70E+00	1.80E+00	7.20E+00
WG	W-7	L13105-06	10/15/2007	Fe-59	-4.60E+00	4.10E+00	1.60E+01
WG	W-7	L13105-06	10/15/2007	H-3	1.30E+02	4.40E+02	1.30E+03
WG	W-7	L13105-06	10/15/2007	I-131	1.90E+00	3.90E+00	1.40E+01
WG	W-7	L13105-06	10/15/2007	K-40	-9.00E+00	2.80E+01	1.00E+02
WG	W-7	L13105-06	10/15/2007	La-140	-1.20E+00	3.70E+00	1.40E+01
WG	W-7	L13105-06	10/15/2007	Mn-54	-1.70E+00	1.90E+00	7.10E+00
WG	W-7	L13105-06	10/15/2007	Nb-95	2.60E+00	3.10E+00	1.10E+01
WG	W-7	L13105-06	10/15/2007	Ru-103	-2.60E+00	2.20E+00	8.00E+00
WG	W-7	L13105-06	10/15/2007	Ru-106	-1.80E+01	1.90E+01	6.80E+01
WG	W-7	L13105-06	10/15/2007	Sb-124	7.20E+00	4.90E+00	1.60E+01
WG	W-7	L13105-06	10/15/2007	Sb-125	-4.00E-01	4.30E+00	1.50E+01
WG	W-7	L13105-06	10/15/2007	Se-75	1.20E+00	2.40E+00	8.20E+00
WG	W-7	L13105-06	10/15/2007	Zn-65	4.10E+00	8.60E+00	2.90E+01
WG	W-7	L13105-06	10/15/2007	Zr-95	1.90E+00	3.10E+00	1.10E+01
WG	W-8	L13105-07	10/16/2007	AcTh-228	1.90E+00	7.90E+00	2.80E+01
WG	W-8	L13105-07	10/16/2007	Ag-108m	1.10E+00	1.90E+00	6.50E+00
WG	W-8	L13105-07	10/16/2007	Ag-110m	-1.90E+00	2.40E+00	9.20E+00
WG	W-8	L13105-07	10/16/2007	Ba-140	1.70E+00	3.10E+00	1.10E+01
WG	W-8	L13105-07	10/16/2007	Be-7	-3.60E+01	1.70E+01	6.40E+01
WG	W-8	L13105-07	10/16/2007	Ce-141	3.80E+00	3.30E+00	1.10E+01
WG	W-8	L13105-07	10/16/2007	Ce-144	9.30E+00	9.90E+00	3.30E+01
WG	W-8	L13105-07	10/16/2007	Co-57	7.00E-01	1.40E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-8	L13105-07	10/16/2007	Co-58	-2.00E+00	2.00E+00	7.50E+00
WG	W-8	L13105-07	10/16/2007	Co-60	-1.60E+00	1.90E+00	7.40E+00
WG	W-8	L13105-07	10/16/2007	Cr-51	9.00E+00	1.80E+01	6.10E+01
WG	W-8	L13105-07	10/16/2007	Cs-134	-1.90E+00	1.90E+00	7.30E+00
WG	W-8	L13105-07	10/16/2007	Cs-137	-1.80E+00	1.80E+00	7.00E+00
WG	W-8	L13105-07	10/16/2007	Fe-59	1.00E-01	3.80E+00	1.40E+01
WG	W-8	L13105-07	10/16/2007	H-3	4.50E+02	4.50E+02	1.30E+03
WG	W-8	L13105-07	10/16/2007	I-131	-9.00E-01	3.40E+00	1.20E+01
WG	W-8	L13105-07	10/16/2007	K-40	1.20E+01	2.90E+01	1.00E+02
WG	W-8	L13105-07	10/16/2007	La-140	1.70E+00	3.10E+00	1.10E+01
WG	W-8	L13105-07	10/16/2007	Mn-54	-2.00E-01	1.80E+00	6.40E+00
WG	W-8	L13105-07	10/16/2007	Nb-95	-1.90E+00	2.20E+00	8.30E+00
WG	W-8	L13105-07	10/16/2007	Ru-103	-4.00E-01	2.10E+00	7.60E+00
WG	W-8	L13105-07	10/16/2007	Ru-106	-4.00E+00	1.70E+01	6.30E+01
WG	W-8	L13105-07	10/16/2007	Sb-124	1.60E+00	4.30E+00	1.60E+01
WG	W-8	L13105-07	10/16/2007	Sb-125	5.00E+00	5.30E+00	1.80E+01
WG	W-8	L13105-07	10/16/2007	Se-75	-3.00E-01	2.30E+00	8.20E+00
WG	W-8	L13105-07	10/16/2007	Zn-65	2.90E+00	8.20E+00	2.80E+01
WG	W-8	L13105-07	10/16/2007	Zr-95	6.70E+00	3.00E+00	9.40E+00
WG	W-9	L13114-02	10/18/2007	AcTh-228	5.40E+00	8.20E+00	2.90E+01
WG	W-9	L13114-02	10/18/2007	Ag-108m	-9.00E-01	2.20E+00	8.00E+00
WG	W-9	L13114-02	10/18/2007	Ag-110m	-2.10E+00	3.00E+00	1.20E+01
WG	W-9	L13114-02	10/18/2007	Ba-140	0.00E+00	3.60E+00	1.40E+01
WG	W-9	L13114-02	10/18/2007	Be-7	-2.40E+01	2.00E+01	7.60E+01
WG	W-9	L13114-02	10/18/2007	Ce-141	-7.60E+00	3.90E+00	1.40E+01
WG	W-9	L13114-02	10/18/2007	Ce-144	-3.00E+00	1.20E+01	4.40E+01
WG	W-9	L13114-02	10/18/2007	Co-57	-3.00E-01	1.40E+00	5.10E+00
WG	W-9	L13114-02	10/18/2007	Co-58	-2.60E+00	2.50E+00	9.70E+00
WG	W-9	L13114-02	10/18/2007	Co-60	2.00E-01	2.40E+00	9.20E+00
WG	W-9	L13114-02	10/18/2007	Cr-51	0.00E+00	2.10E+01	7.50E+01
WG	W-9	L13114-02	10/18/2007	Cs-134	4.00E-01	2.30E+00	8.50E+00
WG	W-9	L13114-02	10/18/2007	Cs-137	3.70E+00	2.00E+00	6.20E+00
WG	W-9	L13114-02	10/18/2007	Fe-59	6.60E+00	4.80E+00	1.60E+01
WG	W-9	L13114-02	10/18/2007	H-3	6.90E+02	3.40E+02	1.00E+03
WG	W-9	L13114-02	10/18/2007	I-131	-2.90E+00	3.90E+00	1.50E+01
WG	W-9	L13114-02	10/18/2007	K-40	-2.00E+00	2.70E+01	1.00E+02
WG	W-9	L13114-02	10/18/2007	La-140	0.00E+00	3.60E+00	1.40E+01
WG	W-9	L13114-02	10/18/2007	Mn-54	1.10E+00	1.90E+00	7.00E+00
WG	W-9	L13114-02	10/18/2007	Nb-95	-1.20E+00	2.80E+00	1.10E+01
WG	W-9	L13114-02	10/18/2007	Ru-103	-1.40E+00	2.50E+00	9.40E+00
WG	W-9	L13114-02	10/18/2007	Ru-106	-5.70E+01	2.00E+01	8.60E+01
WG	W-9	L13114-02	10/18/2007	Sb-124	0.00E+00	4.50E+00	1.80E+01

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-9	L13114-02	10/18/2007	Sb-125	1.27E+01	6.10E+00	1.90E+01
WG	W-9	L13114-02	10/18/2007	Se-75	5.00E-01	2.80E+00	9.70E+00
WG	W-9	L13114-02	10/18/2007	Zn-65	-1.59E+01	5.80E+00	2.50E+01
WG	W-9	L13114-02	10/18/2007	Zr-95	-4.50E+00	4.80E+00	1.80E+01
WG	W-10	L13105-08	10/15/2007	AcTh-228	-1.40E+00	7.90E+00	2.90E+01
WG	W-10	L13105-08	10/15/2007	Ag-108m	2.00E+00	1.70E+00	5.70E+00
WG	W-10	L13105-08	10/15/2007	Ag-110m	-4.00E-01	2.40E+00	9.20E+00
WG	W-10	L13105-08	10/15/2007	Ba-140	-2.90E+00	3.30E+00	1.40E+01
WG	W-10	L13105-08	10/15/2007	Be-7	3.00E+00	1.70E+01	6.20E+01
WG	W-10	L13105-08	10/15/2007	Ce-141	4.70E+00	3.50E+00	1.20E+01
WG	W-10	L13105-08	10/15/2007	Ce-144	-1.30E+01	1.10E+01	3.80E+01
WG	W-10	L13105-08	10/15/2007	Co-57	2.00E+00	1.40E+00	4.50E+00
WG	W-10	L13105-08	10/15/2007	Co-58	0.00E+00	1.70E+00	6.50E+00
WG	W-10	L13105-08	10/15/2007	Co-60	-2.10E+00	2.00E+00	8.10E+00
WG	W-10	L13105-08	10/15/2007	Cr-51	7.00E+00	1.80E+01	6.10E+01
WG	W-10	L13105-08	10/15/2007	Cs-134	-9.00E-01	2.30E+00	8.50E+00
WG	W-10	L13105-08	10/15/2007	Cs-137	1.40E+00	1.80E+00	6.30E+00
WG	W-10	L13105-08	10/15/2007	Fe-59	6.70E+00	4.20E+00	1.40E+01
WG	W-10	L13105-08	10/15/2007	H-3	-1.70E+02	4.40E+02	1.30E+03
WG	W-10	L13105-08	10/15/2007	I-131	5.00E+00	4.10E+00	1.40E+01
WG	W-10	L13105-08	10/15/2007	K-40	7.00E+00	2.90E+01	1.10E+02
WG	W-10	L13105-08	10/15/2007	La-140	-2.90E+00	3.30E+00	1.40E+01
WG	W-10	L13105-08	10/15/2007	Mn-54	1.30E+00	1.90E+00	6.50E+00
WG	W-10	L13105-08	10/15/2007	Nb-95	-8.30E+00	2.50E+00	1.10E+01
WG	W-10	L13105-08	10/15/2007	Ru-103	-1.20E+00	2.00E+00	7.60E+00
WG	W-10	L13105-08	10/15/2007	Ru-106	-4.00E+00	1.90E+01	6.80E+01
WG	W-10	L13105-08	10/15/2007	Sb-124	6.90E+00	4.00E+00	1.30E+01
WG	W-10	L13105-08	10/15/2007	Sb-125	2.80E+00	4.70E+00	1.60E+01
WG	W-10	L13105-08	10/15/2007	Se-75	-1.00E+00	2.50E+00	9.00E+00
WG	W-10	L13105-08	10/15/2007	Zn-65	-3.10E+00	5.30E+00	2.00E+01
WG	W-10	L13105-08	10/15/2007	Zr-95	-1.50E+00	3.50E+00	1.30E+01
WG	W-11	L13105-09	10/15/2007	AcTh-228	4.80E+00	7.50E+00	2.60E+01
WG	W-11	L13105-09	10/15/2007	Ag-108m	-5.00E-01	1.80E+00	6.50E+00
WG	W-11	L13105-09	10/15/2007	Ag-110m	-1.10E+00	2.40E+00	9.00E+00
WG	W-11	L13105-09	10/15/2007	Ba-140	-2.10E+00	3.60E+00	1.40E+01
WG	W-11	L13105-09	10/15/2007	Be-7	-2.30E+01	1.80E+01	6.80E+01
WG	W-11	L13105-09	10/15/2007	Ce-141	-1.70E+00	3.30E+00	1.20E+01
WG	W-11	L13105-09	10/15/2007	Ce-144	-1.10E+01	1.10E+01	3.80E+01
WG	W-11	L13105-09	10/15/2007	Co-57	0.00E+00	1.30E+00	4.60E+00
WG	W-11	L13105-09	10/15/2007	Co-58	-3.40E+00	1.90E+00	7.60E+00
WG	W-11	L13105-09	10/15/2007	Co-60	-1.20E+00	1.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-11	L13105-09	10/15/2007	Cr-51	-2.70E+01	1.90E+01	7.20E+01
WG	W-11	L13105-09	10/15/2007	Cs-134	-2.20E+00	1.90E+00	7.40E+00
WG	W-11	L13105-09	10/15/2007	Cs-137	-1.00E-01	1.70E+00	6.20E+00
WG	W-11	L13105-09	10/15/2007	Fe-59	1.20E+00	4.70E+00	1.70E+01
WG	W-11	L13105-09	10/15/2007	H-3	-5.10E+02	4.30E+02	1.30E+03
WG	W-11	L13105-09	10/15/2007	I-131	0.00E+00	4.10E+00	1.40E+01
WG	W-11	L13105-09	10/15/2007	K-40	3.80E+01	3.00E+01	1.00E+02
WG	W-11	L13105-09	10/15/2007	La-140	-2.10E+00	3.60E+00	1.40E+01
WG	W-11	L13105-09	10/15/2007	Mn-54	1.20E+00	1.80E+00	6.40E+00
WG	W-11	L13105-09	10/15/2007	Nb-95	-1.40E+00	2.20E+00	8.10E+00
WG	W-11	L13105-09	10/15/2007	Ru-103	1.00E-01	2.40E+00	8.40E+00
WG	W-11	L13105-09	10/15/2007	Ru-106	2.70E+01	1.50E+01	4.80E+01
WG	W-11	L13105-09	10/15/2007	Sb-124	2.70E+00	4.20E+00	1.50E+01
WG	W-11	L13105-09	10/15/2007	Sb-125	-1.50E+00	4.90E+00	1.80E+01
WG	W-11	L13105-09	10/15/2007	Se-75	-5.90E+00	2.30E+00	8.70E+00
WG	W-11	L13105-09	10/15/2007	Zn-65	3.60E+00	7.20E+00	2.50E+01
WG	W-11	L13105-09	10/15/2007	Zr-95	-3.20E+00	3.50E+00	1.30E+01
WG	W-12	L13105-10	10/15/2007	AcTh-228	-1.25E+01	6.50E+00	2.60E+01
WG	W-12	L13105-10	10/15/2007	Ag-108m	3.30E+00	1.50E+00	4.70E+00
WG	W-12	L13105-10	10/15/2007	Ag-110m	-3.90E+00	2.30E+00	9.40E+00
WG	W-12	L13105-10	10/15/2007	Ba-140	-6.50E+00	2.90E+00	1.40E+01
WG	W-12	L13105-10	10/15/2007	Be-7	-8.00E+00	1.30E+01	4.90E+01
WG	W-12	L13105-10	10/15/2007	Ce-141	-1.00E+00	2.70E+00	9.50E+00
WG	W-12	L13105-10	10/15/2007	Ce-144	8.60E+00	9.80E+00	3.30E+01
WG	W-12	L13105-10	10/15/2007	Co-57	-1.90E+00	1.30E+00	4.70E+00
WG	W-12	L13105-10	10/15/2007	Co-58	-3.10E+00	1.80E+00	7.20E+00
WG	W-12	L13105-10	10/15/2007	Co-60	-1.90E+00	1.90E+00	7.60E+00
WG	W-12	L13105-10	10/15/2007	Cr-51	1.10E+01	1.60E+01	5.50E+01
WG	W-12	L13105-10	10/15/2007	Cs-134	1.50E+00	1.90E+00	6.70E+00
WG	W-12	L13105-10	10/15/2007	Cs-137	1.00E-01	1.60E+00	6.00E+00
WG	W-12	L13105-10	10/15/2007	Fe-59	1.60E+00	3.70E+00	1.30E+01
WG	W-12	L13105-10	10/15/2007	H-3	5.00E+02	4.50E+02	1.30E+03
WG	W-12	L13105-10	10/15/2007	I-131	7.00E-01	3.50E+00	1.20E+01
WG	W-12	L13105-10	10/15/2007	K-40	4.50E+01	2.10E+01	6.60E+01
WG	W-12	L13105-10	10/15/2007	La-140	-6.50E+00	2.90E+00	1.40E+01
WG	W-12	L13105-10	10/15/2007	Mn-54	-7.00E-01	1.70E+00	6.30E+00
WG	W-12	L13105-10	10/15/2007	Nb-95	1.00E+00	2.20E+00	7.90E+00
WG	W-12	L13105-10	10/15/2007	Ru-103	-4.80E+00	2.10E+00	8.10E+00
WG	W-12	L13105-10	10/15/2007	Ru-106	1.30E+01	1.40E+01	4.70E+01
WG	W-12	L13105-10	10/15/2007	Sb-124	2.60E+00	3.40E+00	1.20E+01
WG	W-12	L13105-10	10/15/2007	Sb-125	5.50E+00	4.30E+00	1.40E+01
WG	W-12	L13105-10	10/15/2007	Se-75	-2.50E+00	2.20E+00	7.90E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-12	L13105-10	10/15/2007	Zn-65	6.60E+00	6.80E+00	2.30E+01
WG	W-12	L13105-10	10/15/2007	Zr-95	0.00E+00	3.10E+00	1.10E+01
WG	W-13	L13105-11	10/15/2007	AcTh-228	1.03E+01	7.10E+00	2.30E+01
WG	W-13	L13105-11	10/15/2007	Ag-108m	-1.80E+00	1.60E+00	5.70E+00
WG	W-13	L13105-11	10/15/2007	Ag-110m	0.00E+00	2.30E+00	8.20E+00
WG	W-13	L13105-11	10/15/2007	Ba-140	6.90E+00	3.80E+00	1.20E+01
WG	W-13	L13105-11	10/15/2007	Be-7	-3.00E+00	1.70E+01	5.90E+01
WG	W-13	L13105-11	10/15/2007	Ce-141	4.60E+00	3.10E+00	1.00E+01
WG	W-13	L13105-11	10/15/2007	Ce-144	0.00E+00	1.10E+01	3.90E+01
WG	W-13	L13105-11	10/15/2007	Co-57	-2.70E+00	1.40E+00	5.00E+00
WG	W-13	L13105-11	10/15/2007	Co-58	-3.90E+00	2.00E+00	7.50E+00
WG	W-13	L13105-11	10/15/2007	Co-60	2.00E-01	1.80E+00	6.40E+00
WG	W-13	L13105-11	10/15/2007	Cr-51	6.00E+00	1.90E+01	6.30E+01
WG	W-13	L13105-11	10/15/2007	Cs-134	1.60E+00	2.10E+00	7.20E+00
WG	W-13	L13105-11	10/15/2007	Cs-137	-2.30E+00	3.30E+00	1.10E+01
WG	W-13	L13105-11	10/15/2007	Fe-59	0.00E+00	4.00E+00	1.40E+01
WG	W-13	L13105-11	10/15/2007	H-3	-1.40E+02	4.40E+02	1.30E+03
WG	W-13	L13105-11	10/15/2007	I-131	-2.50E+00	4.20E+00	1.50E+01
WG	W-13	L13105-11	10/15/2007	K-40	4.50E+01	2.30E+01	7.30E+01
WG	W-13	L13105-11	10/15/2007	La-140	6.90E+00	3.80E+00	1.20E+01
WG	W-13	L13105-11	10/15/2007	Mn-54	-3.00E-01	1.80E+00	6.50E+00
WG	W-13	L13105-11	10/15/2007	Nb-95	2.60E+00	3.40E+00	1.20E+01
WG	W-13	L13105-11	10/15/2007	Ru-103	1.00E-01	1.80E+00	6.40E+00
WG	W-13	L13105-11	10/15/2007	Ru-106	8.00E+00	1.60E+01	5.60E+01
WG	W-13	L13105-11	10/15/2007	Sb-124	-2.10E+00	4.40E+00	1.70E+01
WG	W-13	L13105-11	10/15/2007	Sb-125	-5.40E+00	5.30E+00	1.90E+01
WG	W-13	L13105-11	10/15/2007	Se-75	-2.60E+00	2.30E+00	8.10E+00
WG	W-13	L13105-11	10/15/2007	Zn-65	3.20E+00	5.90E+00	2.00E+01
WG	W-13	L13105-11	10/15/2007	Zr-95	1.50E+00	3.20E+00	1.10E+01
WG	W-14	L13105-12	10/15/2007	AcTh-228	-1.02E+01	7.50E+00	2.90E+01
WG	W-14	L13105-12	10/15/2007	Ag-108m	-2.00E+00	1.80E+00	6.50E+00
WG	W-14	L13105-12	10/15/2007	Ag-110m	-3.30E+00	2.50E+00	9.90E+00
WG	W-14	L13105-12	10/15/2007	Ba-140	2.90E+00	3.00E+00	1.10E+01
WG	W-14	L13105-12	10/15/2007	Be-7	-2.60E+01	1.60E+01	6.20E+01
WG	W-14	L13105-12	10/15/2007	Ce-141	-4.20E+00	3.30E+00	1.20E+01
WG	W-14	L13105-12	10/15/2007	Ce-144	2.20E+01	1.10E+01	3.40E+01
WG	W-14	L13105-12	10/15/2007	Co-57	-1.00E-01	1.30E+00	4.40E+00
WG	W-14	L13105-12	10/15/2007	Co-58	-8.00E-01	2.00E+00	7.40E+00
WG	W-14	L13105-12	10/15/2007	Co-60	-2.00E-01	1.70E+00	6.70E+00
WG	W-14	L13105-12	10/15/2007	Cr-51	-2.00E+00	1.80E+01	6.40E+01
WG	W-14	L13105-12	10/15/2007	Cs-134	2.30E+00	2.10E+00	7.20E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-14	L13105-12	10/15/2007	Cs-137	-4.00E-01	1.60E+00	6.20E+00
WG	W-14	L13105-12	10/15/2007	Fe-59	1.80E+00	4.10E+00	1.50E+01
WG	W-14	L13105-12	10/15/2007	H-3	5.50E+02	4.50E+02	1.30E+03
WG	W-14	L13105-12	10/15/2007	I-131	5.70E+00	3.80E+00	1.20E+01
WG	W-14	L13105-12	10/15/2007	K-40	5.20E+01	3.20E+01	1.10E+02
WG	W-14	L13105-12	10/15/2007	La-140	2.90E+00	3.00E+00	1.10E+01
WG	W-14	L13105-12	10/15/2007	Mn-54	1.50E+00	1.60E+00	5.40E+00
WG	W-14	L13105-12	10/15/2007	Nb-95	-1.10E+00	2.10E+00	7.80E+00
WG	W-14	L13105-12	10/15/2007	Ru-103	-3.00E-01	2.00E+00	7.30E+00
WG	W-14	L13105-12	10/15/2007	Ru-106	-1.20E+01	1.70E+01	6.40E+01
WG	W-14	L13105-12	10/15/2007	Sb-124	-5.70E+00	3.80E+00	1.70E+01
WG	W-14	L13105-12	10/15/2007	Sb-125	3.20E+00	4.60E+00	1.60E+01
WG	W-14	L13105-12	10/15/2007	Se-75	-1.40E+00	2.40E+00	8.70E+00
WG	W-14	L13105-12	10/15/2007	Zn-65	-3.00E+00	4.40E+00	1.70E+01
WG	W-14	L13105-12	10/15/2007	Zr-95	9.00E-01	3.40E+00	1.20E+01
WG	W-15	L13105-13	10/15/2007	AcTh-228	-2.90E+00	7.80E+00	2.90E+01
WG	W-15	L13105-13	10/15/2007	Ag-108m	-6.00E-01	1.50E+00	5.30E+00
WG	W-15	L13105-13	10/15/2007	Ag-110m	1.70E+00	2.30E+00	8.10E+00
WG	W-15	L13105-13	10/15/2007	Ba-140	-1.40E+00	3.70E+00	1.50E+01
WG	W-15	L13105-13	10/15/2007	Be-7	-2.30E+01	1.50E+01	5.70E+01
WG	W-15	L13105-13	10/15/2007	Ce-141	-1.00E+00	2.40E+00	8.70E+00
WG	W-15	L13105-13	10/15/2007	Ce-144	9.00E+00	1.00E+01	3.40E+01
WG	W-15	L13105-13	10/15/2007	Co-57	7.00E-01	1.30E+00	4.40E+00
WG	W-15	L13105-13	10/15/2007	Co-58	-1.50E+00	1.60E+00	6.30E+00
WG	W-15	L13105-13	10/15/2007	Co-60	0.00E+00	1.80E+00	7.00E+00
WG	W-15	L13105-13	10/15/2007	Cr-51	-1.60E+01	1.70E+01	6.10E+01
WG	W-15	L13105-13	10/15/2007	Cs-134	-1.00E+00	2.00E+00	7.50E+00
WG	W-15	L13105-13	10/15/2007	Cs-137	-1.20E+00	1.70E+00	6.50E+00
WG	W-15	L13105-13	10/15/2007	Fe-59	1.20E+00	3.70E+00	1.30E+01
WG	W-15	L13105-13	10/15/2007	H-3	2.40E+02	4.50E+02	1.30E+03
WG	W-15	L13105-13	10/15/2007	I-131	3.30E+00	3.90E+00	1.30E+01
WG	W-15	L13105-13	10/15/2007	K-40	1.60E+01	2.80E+01	9.80E+01
WG	W-15	L13105-13	10/15/2007	La-140	-1.40E+00	3.70E+00	1.50E+01
WG	W-15	L13105-13	10/15/2007	Mn-54	2.00E-01	1.70E+00	6.20E+00
WG	W-15	L13105-13	10/15/2007	Nb-95	-3.00E-01	2.20E+00	8.10E+00
WG	W-15	L13105-13	10/15/2007	Ru-103	-2.00E+00	2.00E+00	7.40E+00
WG	W-15	L13105-13	10/15/2007	Ru-106	-2.00E+00	1.80E+01	6.40E+01
WG	W-15	L13105-13	10/15/2007	Sb-124	1.80E+00	4.00E+00	1.50E+01
WG	W-15	L13105-13	10/15/2007	Sb-125	1.90E+00	4.90E+00	1.70E+01
WG	W-15	L13105-13	10/15/2007	Se-75	2.80E+00	2.00E+00	6.70E+00
WG	W-15	L13105-13	10/15/2007	Zn-65	2.90E+00	6.70E+00	2.30E+01
WG	W-15	L13105-13	10/15/2007	Zr-95	9.00E-01	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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-20	L13105-14	10/15/2007	AcTh-228	6.30E+00	5.60E+00	1.90E+01
WG	MW-20	L13105-14	10/15/2007	Ag-108m	9.50E-01	9.10E-01	3.10E+00
WG	MW-20	L13105-14	10/15/2007	Ag-110m	2.40E+00	1.50E+00	4.90E+00
WG	MW-20	L13105-14	10/15/2007	Ba-140	3.00E+00	3.00E+00	1.00E+01
WG	MW-20	L13105-14	10/15/2007	Be-7	-1.05E+01	9.90E+00	3.60E+01
WG	MW-20	L13105-14	10/15/2007	Ce-141	-1.60E+00	2.20E+00	7.60E+00
WG	MW-20	L13105-14	10/15/2007	Ce-144	-1.03E+01	6.10E+00	2.20E+01
WG	MW-20	L13105-14	10/15/2007	Co-57	-2.00E-01	8.50E-01	2.90E+00
WG	MW-20	L13105-14	10/15/2007	Co-58	8.00E-01	1.10E+00	3.80E+00
WG	MW-20	L13105-14	10/15/2007	Co-60	-1.50E+00	1.20E+00	4.40E+00
WG	MW-20	L13105-14	10/15/2007	Cr-51	9.00E+00	1.20E+01	4.10E+01
WG	MW-20	L13105-14	10/15/2007	Cs-134	3.00E-01	1.20E+00	4.30E+00
WG	MW-20	L13105-14	10/15/2007	Cs-137	0.00E+00	1.00E+00	3.60E+00
WG	MW-20	L13105-14	10/15/2007	Fe-59	-1.50E+00	2.60E+00	9.50E+00
WG	MW-20	L13105-14	10/15/2007	H-3	-1.20E+02	4.40E+02	1.30E+03
WG	MW-20	L13105-14	10/15/2007	I-131	-5.10E+00	3.20E+00	1.20E+01
WG	MW-20	L13105-14	10/15/2007	K-40	-2.50E+01	1.90E+01	6.80E+01
WG	MW-20	L13105-14	10/15/2007	La-140	3.00E+00	3.00E+00	1.00E+01
WG	MW-20	L13105-14	10/15/2007	Mn-54	-2.30E+00	1.20E+00	4.50E+00
WG	MW-20	L13105-14	10/15/2007	Nb-95	8.00E-01	1.70E+00	5.70E+00
WG	MW-20	L13105-14	10/15/2007	Ru-103	-1.30E+00	1.40E+00	4.90E+00
WG	MW-20	L13105-14	10/15/2007	Ru-106	1.60E+01	1.10E+01	3.70E+01
WG	MW-20	L13105-14	10/15/2007	Sb-124	1.90E+00	2.60E+00	9.00E+00
WG	MW-20	L13105-14	10/15/2007	Sb-125	1.50E+00	2.70E+00	9.20E+00
WG	MW-20	L13105-14	10/15/2007	Se-75	-2.80E+00	1.40E+00	4.90E+00
WG	MW-20	L13105-14	10/15/2007	Zn-65	-6.80E+00	2.60E+00	1.00E+01
WG	MW-20	L13105-14	10/15/2007	Zr-95	7.00E-01	2.00E+00	6.80E+00
WG	MW-21	L13105-15	10/15/2007	AcTh-228	9.00E-01	7.20E+00	2.50E+01
WG	MW-21	L13105-15	10/15/2007	Ag-108m	-3.00E-01	1.30E+00	4.50E+00
WG	MW-21	L13105-15	10/15/2007	Ag-110m	2.70E+00	2.00E+00	6.70E+00
WG	MW-21	L13105-15	10/15/2007	Ba-140	-4.00E+00	3.70E+00	1.50E+01
WG	MW-21	L13105-15	10/15/2007	Be-7	-2.00E+00	1.30E+01	4.50E+01
WG	MW-21	L13105-15	10/15/2007	Ce-141	-3.80E+00	3.20E+00	1.10E+01
WG	MW-21	L13105-15	10/15/2007	Ce-144	-2.90E+00	7.50E+00	2.60E+01
WG	MW-21	L13105-15	10/15/2007	Co-57	8.50E-01	9.40E-01	3.10E+00
WG	MW-21	L13105-15	10/15/2007	Co-58	7.00E-01	1.60E+00	5.50E+00
WG	MW-21	L13105-15	10/15/2007	Co-60	1.40E+00	1.80E+00	6.10E+00
WG	MW-21	L13105-15	10/15/2007	Cr-51	8.00E+00	1.20E+01	4.10E+01
WG	MW-21	L13105-15	10/15/2007	Cs-134	1.20E+00	1.60E+00	5.40E+00
WG	MW-21	L13105-15	10/15/2007	Cs-137	1.50E+00	1.50E+00	5.00E+00
WG	MW-21	L13105-15	10/15/2007	Fe-59	-6.40E+00	3.50E+00	1.40E+01
WG	MW-21	L13105-15	10/15/2007	H-3	-3.90E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-21	L13105-15	10/15/2007	I-131	-1.00E+00	2.60E+00	9.40E+00
WG	MW-21	L13105-15	10/15/2007	K-40	-2.40E+01	2.80E+01	1.00E+02
WG	MW-21	L13105-15	10/15/2007	La-140	-4.00E+00	3.70E+00	1.50E+01
WG	MW-21	L13105-15	10/15/2007	Mn-54	-9.00E-01	1.60E+00	5.70E+00
WG	MW-21	L13105-15	10/15/2007	Nb-95	-8.00E-01	1.60E+00	6.00E+00
WG	MW-21	L13105-15	10/15/2007	Ru-103	0.00E+00	1.50E+00	5.20E+00
WG	MW-21	L13105-15	10/15/2007	Ru-106	1.30E+01	1.30E+01	4.30E+01
WG	MW-21	L13105-15	10/15/2007	Sb-124	3.50E+00	3.60E+00	1.30E+01
WG	MW-21	L13105-15	10/15/2007	Sb-125	-6.70E+00	3.80E+00	1.40E+01
WG	MW-21	L13105-15	10/15/2007	Se-75	4.00E-01	1.50E+00	5.30E+00
WG	MW-21	L13105-15	10/15/2007	Zn-65	-7.20E+00	3.60E+00	1.40E+01
WG	MW-21	L13105-15	10/15/2007	Zr-95	6.00E-01	2.60E+00	9.20E+00

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-1	L11932-01	1/16/2007	AcTh-228	5.50E+00	5.60E+00	1.90E+01
WG	SG-1	L11932-01	1/16/2007	Ag-108m	-1.10E+00	1.40E+00	5.20E+00
WG	SG-1	L11932-01	1/16/2007	Ag-110m	-2.20E+00	2.20E+00	8.30E+00
WG	SG-1	L11932-01	1/16/2007	Ba-140	-3.70E+00	2.90E+00	1.20E+01
WG	SG-1	L11932-01	1/16/2007	Be-7	2.00E+00	1.30E+01	4.60E+01
WG	SG-1	L11932-01	1/16/2007	Ce-141	-3.90E+00	2.40E+00	8.70E+00
WG	SG-1	L11932-01	1/16/2007	Ce-144	1.30E+01	8.70E+00	2.90E+01
WG	SG-1	L11932-01	1/16/2007	Co-57	1.70E+00	1.10E+00	3.60E+00
WG	SG-1	L11932-01	1/16/2007	Co-58	4.00E-01	1.70E+00	6.00E+00
WG	SG-1	L11932-01	1/16/2007	Co-60	-1.10E+00	1.60E+00	6.40E+00
WG	SG-1	L11932-01	1/16/2007	Cr-51	2.30E+01	1.60E+01	5.20E+01
WG	SG-1	L11932-01	1/16/2007	Cs-134	0.00E+00	1.70E+00	6.20E+00
WG	SG-1	L11932-01	1/16/2007	Cs-137	9.00E-01	1.50E+00	5.20E+00
WG	SG-1	L11932-01	1/16/2007	Fe-59	3.20E+00	3.30E+00	1.10E+01
WG	SG-1	L11932-01	1/16/2007	GROSS ALPHA	2.50E+00	1.10E+00	2.80E+00
WG	SG-1	L11932-01	1/16/2007	GROSS BETA	9.10E+00	1.30E+00	3.00E+00 *
WG	SG-1	L11932-01	1/16/2007	I-131	1.20E+00	3.20E+00	1.10E+01
WG	SG-1	L11932-01	1/16/2007	K-40	-1.90E+01	2.20E+01	8.50E+01
WG	SG-1	L11932-01	1/16/2007	La-140	-4.30E+00	3.30E+00	1.30E+01
WG	SG-1	L11932-01	1/16/2007	Mn-54	-2.70E+00	1.60E+00	6.40E+00
WG	SG-1	L11932-01	1/16/2007	Nb-95	-9.00E-01	1.70E+00	6.40E+00
WG	SG-1	L11932-01	1/16/2007	Ru-103	-2.80E+00	1.60E+00	6.20E+00
WG	SG-1	L11932-01	1/16/2007	Ru-106	-1.40E+01	1.60E+01	5.90E+01
WG	SG-1	L11932-01	1/16/2007	Sb-124	7.00E-01	3.80E+00	1.40E+01
WG	SG-1	L11932-01	1/16/2007	Sb-125	-3.00E-01	4.50E+00	1.60E+01
WG	SG-1	L11932-01	1/16/2007	Se-75	-8.00E-01	1.90E+00	6.80E+00
WG	SG-1	L11932-01	1/16/2007	Zn-65	-7.70E+00	3.80E+00	1.50E+01
WG	SG-1	L11932-01	1/16/2007	Zr-95	3.50E+00	2.80E+00	9.50E+00
WG	SG-2	L11932-02	1/16/2007	AcTh-228	9.30E+00	8.60E+00	2.90E+01
WG	SG-2	L11932-02	1/16/2007	Ag-108m	-1.40E+00	1.40E+00	5.10E+00
WG	SG-2	L11932-02	1/16/2007	Ag-110m	-1.60E+00	2.20E+00	8.60E+00
WG	SG-2	L11932-02	1/16/2007	Ba-140	6.00E-01	3.10E+00	1.20E+01
WG	SG-2	L11932-02	1/16/2007	Be-7	-2.80E+01	1.40E+01	5.60E+01
WG	SG-2	L11932-02	1/16/2007	Ce-141	-1.18E+01	4.00E+00	1.50E+01
WG	SG-2	L11932-02	1/16/2007	Ce-144	-6.80E+00	9.00E+00	3.20E+01
WG	SG-2	L11932-02	1/16/2007	Co-57	7.00E-01	1.20E+00	4.00E+00
WG	SG-2	L11932-02	1/16/2007	Co-58	2.60E+00	1.90E+00	6.20E+00
WG	SG-2	L11932-02	1/16/2007	Co-60	3.50E+00	2.00E+00	6.40E+00
WG	SG-2	L11932-02	1/16/2007	Cr-51	4.00E+00	1.60E+01	5.60E+01
WG	SG-2	L11932-02	1/16/2007	Cs-134	7.00E-01	1.90E+00	6.60E+00

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-2	L11932-02	1/16/2007	Cs-137	3.20E+00	1.80E+00	6.00E+00
WG	SG-2	L11932-02	1/16/2007	Fe-59	-7.90E+00	4.00E+00	1.60E+01
WG	SG-2	L11932-02	1/16/2007	GROSS ALPHA	3.60E-01	6.10E-01	2.30E+00
WG	SG-2	L11932-02	1/16/2007	GROSS BETA	5.20E+00	1.00E+00	2.70E+00 *
WG	SG-2	L11932-02	1/16/2007	I-131	9.00E-01	3.40E+00	1.20E+01
WG	SG-2	L11932-02	1/16/2007	K-40	-9.70E+01	2.60E+01	1.10E+02
WG	SG-2	L11932-02	1/16/2007	La-140	6.00E-01	3.60E+00	1.30E+01
WG	SG-2	L11932-02	1/16/2007	Mn-54	-9.00E-01	1.80E+00	6.60E+00
WG	SG-2	L11932-02	1/16/2007	Nb-95	1.00E+00	1.90E+00	6.60E+00
WG	SG-2	L11932-02	1/16/2007	Ru-103	-3.00E+00	2.00E+00	7.50E+00
WG	SG-2	L11932-02	1/16/2007	Ru-106	-3.30E+01	1.80E+01	6.90E+01
WG	SG-2	L11932-02	1/16/2007	Sb-124	9.90E+00	4.90E+00	1.50E+01
WG	SG-2	L11932-02	1/16/2007	Sb-125	1.70E+00	4.20E+00	1.50E+01
WG	SG-2	L11932-02	1/16/2007	Se-75	6.00E-01	2.20E+00	7.60E+00
WG	SG-2	L11932-02	1/16/2007	Zn-65	4.50E+00	4.20E+00	1.40E+01
WG	SG-2	L11932-02	1/16/2007	Zr-95	-1.30E+00	2.80E+00	1.10E+01
WG	SG-4	L11932-03	1/16/2007	AcTh-228	7.10E+00	6.40E+00	2.20E+01
WG	SG-4	L11932-03	1/16/2007	Ag-108m	-8.00E-01	1.30E+00	4.70E+00
WG	SG-4	L11932-03	1/16/2007	Ag-110m	7.00E-01	2.30E+00	8.30E+00
WG	SG-4	L11932-03	1/16/2007	Ba-140	-2.20E+00	3.00E+00	1.20E+01
WG	SG-4	L11932-03	1/16/2007	Be-7	-2.60E+01	1.30E+01	5.10E+01
WG	SG-4	L11932-03	1/16/2007	Ce-141	-4.50E+00	2.20E+00	8.00E+00
WG	SG-4	L11932-03	1/16/2007	Ce-144	5.80E+00	7.00E+00	2.40E+01
WG	SG-4	L11932-03	1/16/2007	Co-57	-6.50E-01	8.60E-01	3.10E+00
WG	SG-4	L11932-03	1/16/2007	Co-58	-2.40E+00	1.80E+00	6.90E+00
WG	SG-4	L11932-03	1/16/2007	Co-60	-3.10E+00	2.10E+00	8.40E+00
WG	SG-4	L11932-03	1/16/2007	Cr-51	-7.00E+00	1.30E+01	4.60E+01
WG	SG-4	L11932-03	1/16/2007	Cs-134	0.00E+00	2.00E+00	7.30E+00
WG	SG-4	L11932-03	1/16/2007	Cs-137	-1.80E+00	1.60E+00	6.00E+00
WG	SG-4	L11932-03	1/16/2007	Fe-59	-3.20E+00	3.10E+00	1.30E+01
WG	SG-4	L11932-03	1/16/2007	GROSS ALPHA	2.27E+00	9.40E-01	2.40E+00
WG	SG-4	L11932-03	1/16/2007	GROSS BETA	9.80E+00	1.30E+00	2.90E+00 *
WG	SG-4	L11932-03	1/16/2007	I-131	2.50E+00	2.70E+00	9.10E+00
WG	SG-4	L11932-03	1/16/2007	K-40	3.80E+01	2.30E+01	7.60E+01
WG	SG-4	L11932-03	1/16/2007	La-140	-2.50E+00	3.40E+00	1.40E+01
WG	SG-4	L11932-03	1/16/2007	Mn-54	-1.20E+00	1.70E+00	6.40E+00
WG	SG-4	L11932-03	1/16/2007	Nb-95	3.50E+00	1.70E+00	5.20E+00
WG	SG-4	L11932-03	1/16/2007	Ru-103	-1.00E+00	1.60E+00	5.90E+00
WG	SG-4	L11932-03	1/16/2007	Ru-106	5.00E+00	1.40E+01	4.90E+01
WG	SG-4	L11932-03	1/16/2007	Sb-124	-9.70E+00	4.40E+00	2.00E+01

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

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



## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-4	L11932-03	1/16/2007	Sb-125	-5.40E+00	4.00E+00	1.50E+01
WG	SG-4	L11932-03	1/16/2007	Se-75	-2.00E-01	1.70E+00	5.90E+00
WG	SG-4	L11932-03	1/16/2007	Zn-65	-5.40E+00	3.70E+00	1.50E+01
WG	SG-4	L11932-03	1/16/2007	Zr-95	-2.10E+00	2.70E+00	1.00E+01
WG	SG-5	L11932-04	1/16/2007	AcTh-228	4.00E-01	7.30E+00	2.60E+01
WG	SG-5	L11932-04	1/16/2007	Ag-108m	1.20E+00	1.40E+00	4.70E+00
WG	SG-5	L11932-04	1/16/2007	Ag-110m	1.50E+00	2.50E+00	8.80E+00
WG	SG-5	L11932-04	1/16/2007	Ba-140	3.30E+00	3.50E+00	1.20E+01
WG	SG-5	L11932-04	1/16/2007	Be-7	0.00E+00	1.20E+01	4.40E+01
WG	SG-5	L11932-04	1/16/2007	Ce-141	0.00E+00	2.30E+00	8.00E+00
WG	SG-5	L11932-04	1/16/2007	Ce-144	-7.90E+00	7.90E+00	2.80E+01
WG	SG-5	L11932-04	1/16/2007	Co-57	2.00E-01	1.00E+00	3.60E+00
WG	SG-5	L11932-04	1/16/2007	Co-58	-2.00E-01	1.60E+00	6.00E+00
WG	SG-5	L11932-04	1/16/2007	Co-60	1.10E+00	1.80E+00	6.40E+00
WG	SG-5	L11932-04	1/16/2007	Cr-51	-3.00E+00	1.50E+01	5.30E+01
WG	SG-5	L11932-04	1/16/2007	Cs-134	2.20E+00	1.70E+00	5.90E+00
WG	SG-5	L11932-04	1/16/2007	Cs-137	-2.70E+00	2.00E+00	7.50E+00
WG	SG-5	L11932-04	1/16/2007	Fe-59	3.80E+00	3.30E+00	1.10E+01
WG	SG-5	L11932-04	1/16/2007	GROSS ALPHA	3.20E+00	1.20E+00	3.00E+00
WG	SG-5	L11932-04	1/16/2007	GROSS BETA	1.77E+01	1.60E+00	3.10E+00 *
WG	SG-5	L11932-04	1/16/2007	I-131	-2.10E+00	3.10E+00	1.10E+01
WG	SG-5	L11932-04	1/16/2007	K-40	7.00E+00	2.80E+01	9.90E+01
WG	SG-5	L11932-04	1/16/2007	La-140	3.80E+00	4.00E+00	1.40E+01
WG	SG-5	L11932-04	1/16/2007	Mn-54	1.90E+00	1.70E+00	5.70E+00
WG	SG-5	L11932-04	1/16/2007	Nb-95	-1.10E+00	2.00E+00	7.30E+00
WG	SG-5	L11932-04	1/16/2007	Ru-103	-2.00E-01	1.80E+00	6.50E+00
WG	SG-5	L11932-04	1/16/2007	Ru-106	4.00E+00	1.50E+01	5.40E+01
WG	SG-5	L11932-04	1/16/2007	Sb-124	0.00E+00	3.70E+00	1.50E+01
WG	SG-5	L11932-04	1/16/2007	Sb-125	6.20E+00	4.40E+00	1.50E+01
WG	SG-5	L11932-04	1/16/2007	Se-75	-1.40E+00	1.60E+00	5.80E+00
WG	SG-5	L11932-04	1/16/2007	Zn-65	4.30E+00	3.80E+00	1.30E+01
WG	SG-5	L11932-04	1/16/2007	Zr-95	-3.20E+00	3.00E+00	1.20E+01
WG	SG-1	L12301-01	4/17/2007	AcTh-228	4.20E+00	6.80E+00	2.30E+01
WG	SG-1	L12301-01	4/17/2007	Ag-108m	3.00E-01	1.20E+00	4.10E+00
WG	SG-1	L12301-01	4/17/2007	Ag-110m	-2.00E-01	1.80E+00	6.50E+00
WG	SG-1	L12301-01	4/17/2007	Ba-140	4.00E-01	3.00E+00	1.10E+01
WG	SG-1	L12301-01	4/17/2007	Be-7	1.10E+01	1.10E+01	3.80E+01
WG	SG-1	L12301-01	4/17/2007	Ce-141	-1.70E+00	2.10E+00	7.30E+00
WG	SG-1	L12301-01	4/17/2007	Ce-144	-9.00E-01	7.20E+00	2.50E+01
WG	SG-1	L12301-01	4/17/2007	Co-57	-1.35E+00	8.90E-01	3.10E+00

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-1	L12301-01	4/17/2007	Co-58	4.00E-01	1.20E+00	4.30E+00
WG	SG-1	L12301-01	4/17/2007	Co-60	9.00E-01	1.50E+00	5.10E+00
WG	SG-1	L12301-01	4/17/2007	Cr-51	-1.30E+01	1.30E+01	4.60E+01
WG	SG-1	L12301-01	4/17/2007	Cs-134	1.10E+00	1.50E+00	5.00E+00
WG	SG-1	L12301-01	4/17/2007	Cs-137	7.00E-01	1.40E+00	5.00E+00
WG	SG-1	L12301-01	4/17/2007	Fe-59	3.30E+00	2.90E+00	9.90E+00
WG	SG-1	L12301-01	4/17/2007	GROSS ALPHA	9.30E-01	8.80E-01	3.00E+00
WG	SG-1	L12301-01	4/17/2007	GROSS BETA	1.70E+01	1.20E+00	2.40E+00 *
WG	SG-1	L12301-01	4/17/2007	I-131	1.60E+00	3.40E+00	1.20E+01
WG	SG-1	L12301-01	4/17/2007	K-40	-1.00E+01	2.30E+01	8.20E+01
WG	SG-1	L12301-01	4/17/2007	La-140	5.00E-01	3.50E+00	1.30E+01
WG	SG-1	L12301-01	4/17/2007	Mn-54	-1.70E+00	1.30E+00	4.90E+00
WG	SG-1	L12301-01	4/17/2007	Nb-95	-1.10E+00	1.50E+00	5.40E+00
WG	SG-1	L12301-01	4/17/2007	Ru-103	-2.80E+00	1.40E+00	5.50E+00
WG	SG-1	L12301-01	4/17/2007	Ru-106	-8.00E+00	1.40E+01	4.90E+01
WG	SG-1	L12301-01	4/17/2007	Sb-124	-2.30E+00	3.50E+00	1.40E+01
WG	SG-1	L12301-01	4/17/2007	Sb-125	-1.30E+00	3.20E+00	1.20E+01
WG	SG-1	L12301-01	4/17/2007	Se-75	2.00E+00	1.60E+00	5.40E+00
WG	SG-1	L12301-01	4/17/2007	Zn-65	-4.90E+00	3.00E+00	1.20E+01
WG	SG-1	L12301-01	4/17/2007	Zr-95	3.00E-01	2.50E+00	8.80E+00
WG	SG-2	L12301-02	4/17/2007	AcTh-228	8.70E+00	4.10E+00	1.30E+01
WG	SG-2	L12301-02	4/17/2007	Ag-108m	4.50E-01	9.60E-01	3.30E+00
WG	SG-2	L12301-02	4/17/2007	Ag-110m	-1.00E-01	1.40E+00	5.10E+00
WG	SG-2	L12301-02	4/17/2007	Ba-140	-1.90E+00	2.50E+00	9.30E+00
WG	SG-2	L12301-02	4/17/2007	Be-7	-9.00E+00	1.00E+01	3.70E+01
WG	SG-2	L12301-02	4/17/2007	Ce-141	2.50E+00	1.80E+00	6.00E+00
WG	SG-2	L12301-02	4/17/2007	Ce-144	1.40E+00	6.60E+00	2.20E+01
WG	SG-2	L12301-02	4/17/2007	Co-57	-1.19E+00	7.80E-01	2.80E+00
WG	SG-2	L12301-02	4/17/2007	Co-58	-3.00E-01	1.10E+00	4.00E+00
WG	SG-2	L12301-02	4/17/2007	Co-60	3.00E-01	1.10E+00	4.10E+00
WG	SG-2	L12301-02	4/17/2007	Cr-51	-1.00E+00	1.20E+01	4.20E+01
WG	SG-2	L12301-02	4/17/2007	Cs-134	2.00E+00	1.20E+00	3.80E+00
WG	SG-2	L12301-02	4/17/2007	Cs-137	1.60E+00	1.10E+00	3.60E+00
WG	SG-2	L12301-02	4/17/2007	Fe-59	2.00E-01	2.50E+00	8.90E+00
WG	SG-2	L12301-02	4/17/2007	GROSS ALPHA	2.20E-01	5.90E-01	2.70E+00
WG	SG-2	L12301-02	4/17/2007	GROSS BETA	1.20E+01	1.50E+00	3.30E+00 *
WG	SG-2	L12301-02	4/17/2007	I-131	-2.90E+00	3.30E+00	1.20E+01
WG	SG-2	L12301-02	4/17/2007	K-40	-1.00E+01	1.70E+01	6.20E+01
WG	SG-2	L12301-02	4/17/2007	La-140	-2.20E+00	2.90E+00	1.10E+01
WG	SG-2	L12301-02	4/17/2007	Mn-54	-1.50E+00	1.20E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-2	L12301-02	4/17/2007	Nb-95	6.00E-01	1.30E+00	4.40E+00
WG	SG-2	L12301-02	4/17/2007	Ru-103	-7.00E-01	1.20E+00	4.30E+00
WG	SG-2	L12301-02	4/17/2007	Ru-106	-1.00E+01	1.10E+01	3.80E+01
WG	SG-2	L12301-02	4/17/2007	Sb-124	2.00E-01	3.00E+00	1.10E+01
WG	SG-2	L12301-02	4/17/2007	Sb-125	6.10E+00	3.00E+00	9.70E+00
WG	SG-2	L12301-02	4/17/2007	Se-75	-6.00E-01	1.30E+00	4.60E+00
WG	SG-2	L12301-02	4/17/2007	Zn-65	-1.90E+00	2.40E+00	9.00E+00
WG	SG-2	L12301-02	4/17/2007	Zr-95	-5.00E-01	2.10E+00	7.40E+00
WG	SG-4	L12301-03	4/17/2007	AcTh-228	1.20E+01	5.90E+00	1.90E+01
WG	SG-4	L12301-03	4/17/2007	Ag-108m	-3.00E-01	1.10E+00	3.90E+00
WG	SG-4	L12301-03	4/17/2007	Ag-110m	2.30E+00	1.90E+00	6.50E+00
WG	SG-4	L12301-03	4/17/2007	Ba-140	-2.60E+00	3.10E+00	1.20E+01
WG	SG-4	L12301-03	4/17/2007	Be-7	-1.00E+01	1.20E+01	4.30E+01
WG	SG-4	L12301-03	4/17/2007	Ce-141	-4.40E+00	2.10E+00	7.50E+00
WG	SG-4	L12301-03	4/17/2007	Ce-144	1.07E+01	6.70E+00	2.20E+01
WG	SG-4	L12301-03	4/17/2007	Co-57	1.85E+00	8.60E-01	2.80E+00
WG	SG-4	L12301-03	4/17/2007	Co-58	-1.20E+00	1.30E+00	5.00E+00
WG	SG-4	L12301-03	4/17/2007	Co-60	-1.50E+00	1.50E+00	6.00E+00
WG	SG-4	L12301-03	4/17/2007	Cr-51	-8.00E+00	1.30E+01	4.60E+01
WG	SG-4	L12301-03	4/17/2007	Cs-134	4.00E-01	1.50E+00	5.20E+00
WG	SG-4	L12301-03	4/17/2007	Cs-137	-5.00E-01	1.40E+00	5.00E+00
WG	SG-4	L12301-03	4/17/2007	Fe-59	-3.80E+00	3.10E+00	1.20E+01
WG	SG-4	L12301-03	4/17/2007	GROSS ALPHA	7.00E-02	7.50E-01	3.40E+00
WG	SG-4	L12301-03	4/17/2007	GROSS BETA	1.12E+01	1.50E+00	3.40E+00 *
WG	SG-4	L12301-03	4/17/2007	I-131	-2.70E+00	3.10E+00	1.10E+01
WG	SG-4	L12301-03	4/17/2007	K-40	4.20E+01	2.40E+01	7.90E+01
WG	SG-4	L12301-03	4/17/2007	La-140	-2.90E+00	3.50E+00	1.40E+01
WG	SG-4	L12301-03	4/17/2007	Mn-54	2.00E+00	1.20E+00	4.10E+00
WG	SG-4	L12301-03	4/17/2007	Nb-95	-1.10E+00	1.80E+00	6.60E+00
WG	SG-4	L12301-03	4/17/2007	Ru-103	-5.00E-01	1.50E+00	5.20E+00
WG	SG-4	L12301-03	4/17/2007	Ru-106	9.00E+00	1.40E+01	4.80E+01
WG	SG-4	L12301-03	4/17/2007	Sb-124	0.00E+00	3.20E+00	1.20E+01
WG	SG-4	L12301-03	4/17/2007	Sb-125	-6.90E+00	3.70E+00	1.40E+01
WG	SG-4	L12301-03	4/17/2007	Se-75	-7.00E-01	1.40E+00	5.10E+00
WG	SG-4	L12301-03	4/17/2007	Zn-65	-1.50E+00	3.00E+00	1.10E+01
WG	SG-4	L12301-03	4/17/2007	Zr-95	1.00E+00	2.50E+00	8.80E+00
WG	SG-5	L12301-04	4/17/2007	AcTh-228	4.90E+00	5.30E+00	1.80E+01
WG	SG-5	L12301-04	4/17/2007	Ag-108m	7.10E-01	9.10E-01	3.10E+00
WG	SG-5	L12301-04	4/17/2007	Ag-110m	-1.30E+00	1.50E+00	5.50E+00
WG	SG-5	L12301-04	4/17/2007	Ba-140	-2.00E-01	2.00E+00	7.10E+00

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-5	L12301-04	4/17/2007	Be-7	7.00E+00	1.00E+01	3.40E+01
WG	SG-5	L12301-04	4/17/2007	Ce-141	7.00E-01	2.80E+00	9.20E+00
WG	SG-5	L12301-04	4/17/2007	Ce-144	3.60E+00	5.70E+00	1.90E+01
WG	SG-5	L12301-04	4/17/2007	Co-57	-2.40E-01	7.70E-01	2.60E+00
WG	SG-5	L12301-04	4/17/2007	Co-58	4.00E-01	1.10E+00	3.80E+00
WG	SG-5	L12301-04	4/17/2007	Co-60	-5.00E-01	1.00E+00	3.90E+00
WG	SG-5	L12301-04	4/17/2007	Cr-51	-1.10E+01	1.10E+01	3.90E+01
WG	SG-5	L12301-04	4/17/2007	Cs-134	3.00E-01	1.10E+00	4.00E+00
WG	SG-5	L12301-04	4/17/2007	Cs-137	-6.00E-01	1.00E+00	3.70E+00
WG	SG-5	L12301-04	4/17/2007	Fe-59	-8.00E-01	2.60E+00	9.30E+00
WG	SG-5	L12301-04	4/17/2007	GROSS ALPHA	1.30E+00	1.10E+00	3.80E+00
WG	SG-5	L12301-04	4/17/2007	GROSS BETA	1.34E+01	1.70E+00	3.60E+00 *
WG	SG-5	L12301-04	4/17/2007	I-131	4.70E+00	2.80E+00	9.30E+00
WG	SG-5	L12301-04	4/17/2007	K-40	1.30E+01	1.90E+01	6.40E+01
WG	SG-5	L12301-04	4/17/2007	La-140	-3.00E-01	2.30E+00	8.20E+00
WG	SG-5	L12301-04	4/17/2007	Mn-54	1.70E+00	1.10E+00	3.60E+00
WG	SG-5	L12301-04	4/17/2007	Nb-95	1.40E+00	1.20E+00	4.10E+00
WG	SG-5	L12301-04	4/17/2007	Ru-103	-1.50E+00	1.40E+00	5.00E+00
WG	SG-5	L12301-04	4/17/2007	Ru-106	1.00E+00	1.10E+01	3.80E+01
WG	SG-5	L12301-04	4/17/2007	Sb-124	-3.00E-01	2.60E+00	9.60E+00
WG	SG-5	L12301-04	4/17/2007	Sb-125	5.10E+00	2.80E+00	9.10E+00
WG	SG-5	L12301-04	4/17/2007	Se-75	-2.00E+00	1.30E+00	4.70E+00
WG	SG-5	L12301-04	4/17/2007	Zn-65	-5.80E+00	2.50E+00	9.50E+00
WG	SG-5	L12301-04	4/17/2007	Zr-95	5.70E+00	2.00E+00	6.30E+00
WG	U1	L12434-19	5/16/2007	AcTh-228	1.97E+01	6.50E+00	1.90E+01 *
WG	U1	L12434-19	5/16/2007	Ag-108m	4.00E-01	1.30E+00	4.50E+00
WG	U1	L12434-19	5/16/2007	Ag-110m	3.50E+00	2.00E+00	6.60E+00
WG	U1	L12434-19	5/16/2007	Ba-140	0.00E+00	2.10E+00	8.20E+00
WG	U1	L12434-19	5/16/2007	Be-7	-1.90E+01	1.20E+01	4.70E+01
WG	U1	L12434-19	5/16/2007	Ce-141	1.60E+00	2.40E+00	8.20E+00
WG	U1	L12434-19	5/16/2007	Ce-144	3.30E+00	9.20E+00	3.20E+01
WG	U1	L12434-19	5/16/2007	Co-57	-1.30E+00	1.20E+00	4.10E+00
WG	U1	L12434-19	5/16/2007	Co-58	-1.70E+00	1.60E+00	6.20E+00
WG	U1	L12434-19	5/16/2007	Co-60	-2.00E+00	1.60E+00	6.60E+00
WG	U1	L12434-19	5/16/2007	Cr-51	-8.00E+00	1.40E+01	4.90E+01
WG	U1	L12434-19	5/16/2007	Cs-134	2.20E+00	1.80E+00	5.90E+00
WG	U1	L12434-19	5/16/2007	Cs-137	-1.40E+00	1.50E+00	5.60E+00
WG	U1	L12434-19	5/16/2007	Fe-59	7.00E-01	3.40E+00	1.20E+01
WG	U1	L12434-19	5/16/2007	H-3	6.20E+02	4.40E+02	1.30E+03
WG	U1	L12434-19	5/16/2007	I-131	1.30E+00	2.90E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	U1	L12434-19	5/16/2007	K-40	7.60E+01	2.00E+01	5.50E+01 *
WG	U1	L12434-19	5/16/2007	La-140	0.00E+00	2.40E+00	9.40E+00
WG	U1	L12434-19	5/16/2007	Mn-54	-3.00E+00	1.60E+00	6.40E+00
WG	U1	L12434-19	5/16/2007	Nb-95	-1.10E+00	1.80E+00	6.70E+00
WG	U1	L12434-19	5/16/2007	Ru-103	4.10E+00	1.80E+00	5.50E+00
WG	U1	L12434-19	5/16/2007	Ru-106	-6.00E+00	1.50E+01	5.50E+01
WG	U1	L12434-19	5/16/2007	Sb-124	7.50E+00	4.40E+00	1.40E+01
WG	U1	L12434-19	5/16/2007	Sb-125	-4.00E-01	4.00E+00	1.40E+01
WG	U1	L12434-19	5/16/2007	Se-75	1.90E+00	2.00E+00	6.60E+00
WG	U1	L12434-19	5/16/2007	Zn-65	-4.90E+00	3.40E+00	1.40E+01
WG	U1	L12434-19	5/16/2007	Zr-95	-2.90E+00	3.10E+00	1.20E+01
WG	U2	L12434-20	5/16/2007	AcTh-228	5.00E+00	8.40E+00	2.90E+01
WG	U2	L12434-20	5/16/2007	Ag-108m	2.90E+00	1.60E+00	5.10E+00
WG	U2	L12434-20	5/16/2007	Ag-110m	-1.00E-01	2.80E+00	1.00E+01
WG	U2	L12434-20	5/16/2007	Ba-140	-5.00E-01	3.10E+00	1.20E+01
WG	U2	L12434-20	5/16/2007	Be-7	3.20E+01	1.60E+01	5.20E+01
WG	U2	L12434-20	5/16/2007	Ce-141	3.50E+00	2.80E+00	9.40E+00
WG	U2	L12434-20	5/16/2007	Ce-144	2.10E+00	9.60E+00	3.30E+01
WG	U2	L12434-20	5/16/2007	Co-57	-8.00E-01	1.20E+00	4.20E+00
WG	U2	L12434-20	5/16/2007	Co-58	0.00E+00	2.00E+00	7.30E+00
WG	U2	L12434-20	5/16/2007	Co-60	-4.20E+00	2.30E+00	9.70E+00
WG	U2	L12434-20	5/16/2007	Cr-51	1.30E+01	1.40E+01	4.90E+01
WG	U2	L12434-20	5/16/2007	Cs-134	-1.00E+00	2.40E+00	9.00E+00
WG	U2	L12434-20	5/16/2007	Cs-137	-3.10E+00	1.90E+00	7.60E+00
WG	U2	L12434-20	5/16/2007	Fe-59	7.60E+00	4.20E+00	1.30E+01
WG	U2	L12434-20	5/16/2007	H-3	3.90E+02	4.30E+02	1.30E+03
WG	U2	L12434-20	5/16/2007	I-131	2.10E+00	2.90E+00	1.00E+01
WG	U2	L12434-20	5/16/2007	K-40	3.70E+01	3.50E+01	1.20E+02
WG	U2	L12434-20	5/16/2007	La-140	-5.00E-01	3.60E+00	1.40E+01
WG	U2	L12434-20	5/16/2007	Mn-54	-1.20E+00	1.90E+00	7.20E+00
WG	U2	L12434-20	5/16/2007	Nb-95	1.00E-01	2.20E+00	7.80E+00
WG	U2	L12434-20	5/16/2007	Ru-103	0.00E+00	2.10E+00	7.50E+00
WG	U2	L12434-20	5/16/2007	Ru-106	-6.00E+00	1.50E+01	5.60E+01
WG	U2	L12434-20	5/16/2007	Sb-124	-3.40E+00	5.00E+00	2.10E+01
WG	U2	L12434-20	5/16/2007	Sb-125	6.70E+00	5.00E+00	1.70E+01
WG	U2	L12434-20	5/16/2007	Se-75	-2.00E-01	2.00E+00	7.20E+00
WG	U2	L12434-20	5/16/2007	Zn-65	-8.50E+00	4.80E+00	2.00E+01
WG	U2	L12434-20	5/16/2007	Zr-95	5.70E+00	3.90E+00	1.30E+01
WG	WEST	L12434-21	5/16/2007	AcTh-228	-2.90E+00	6.70E+00	2.40E+01
WG	WEST	L12434-21	5/16/2007	Ag-108m	1.40E+00	1.40E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	WEST	L12434-21	5/16/2007	Ag-110m	3.00E-01	2.20E+00	7.90E+00
WG	WEST	L12434-21	5/16/2007	Ba-140	-1.00E-01	2.30E+00	8.70E+00
WG	WEST	L12434-21	5/16/2007	Be-7	7.00E+00	1.20E+01	4.00E+01
WG	WEST	L12434-21	5/16/2007	Ce-141	-2.10E+00	2.30E+00	8.20E+00
WG	WEST	L12434-21	5/16/2007	Ce-144	1.12E+01	9.00E+00	3.00E+01
WG	WEST	L12434-21	5/16/2007	Co-57	-9.00E-01	1.10E+00	3.90E+00
WG	WEST	L12434-21	5/16/2007	Co-58	-1.60E+00	1.40E+00	5.60E+00
WG	WEST	L12434-21	5/16/2007	Co-60	8.00E-01	1.70E+00	6.00E+00
WG	WEST	L12434-21	5/16/2007	Cr-51	-1.30E+01	1.50E+01	5.40E+01
WG	WEST	L12434-21	5/16/2007	Cs-134	1.80E+00	1.60E+00	5.50E+00
WG	WEST	L12434-21	5/16/2007	Cs-137	2.80E+00	1.50E+00	5.00E+00
WG	WEST	L12434-21	5/16/2007	Fe-59	-8.00E-01	3.20E+00	1.20E+01
WG	WEST	L12434-21	5/16/2007	H-3	1.53E+03	2.70E+02	7.80E+02 *
WG	WEST	L12434-21	5/16/2007	I-131	-1.40E+00	2.90E+00	1.00E+01
WG	WEST	L12434-21	5/16/2007	K-40	7.10E+01	2.70E+01	8.30E+01
WG	WEST	L12434-21	5/16/2007	La-140	-1.00E-01	2.60E+00	1.00E+01
WG	WEST	L12434-21	5/16/2007	Mn-54	1.70E+00	1.70E+00	5.70E+00
WG	WEST	L12434-21	5/16/2007	Nb-95	1.00E+00	1.70E+00	6.10E+00
WG	WEST	L12434-21	5/16/2007	Ru-103	-2.70E+00	1.40E+00	5.70E+00
WG	WEST	L12434-21	5/16/2007	Ru-106	-1.50E+01	1.40E+01	5.40E+01
WG	WEST	L12434-21	5/16/2007	Sb-124	-7.00E-01	3.40E+00	1.30E+01
WG	WEST	L12434-21	5/16/2007	Sb-125	-2.20E+00	4.40E+00	1.60E+01
WG	WEST	L12434-21	5/16/2007	Se-75	6.00E-01	1.90E+00	6.40E+00
WG	WEST	L12434-21	5/16/2007	Zn-65	1.70E+00	3.30E+00	1.20E+01
WG	WEST	L12434-21	5/16/2007	Zr-95	7.00E-01	2.50E+00	9.00E+00
WG	W-1	L12434-01	5/17/2007	AcTh-228	-5.40E+00	7.50E+00	2.90E+01
WG	W-1	L12434-01	5/17/2007	Ag-108m	-1.00E+00	1.80E+00	6.60E+00
WG	W-1	L12434-01	5/17/2007	Ag-110m	2.30E+00	2.50E+00	8.50E+00
WG	W-1	L12434-01	5/17/2007	Ba-140	-1.00E-01	2.70E+00	1.00E+01
WG	W-1	L12434-01	5/17/2007	Be-7	-2.30E+01	1.80E+01	6.80E+01
WG	W-1	L12434-01	5/17/2007	Ce-141	3.70E+00	2.70E+00	9.10E+00
WG	W-1	L12434-01	5/17/2007	Ce-144	-2.80E+01	1.10E+01	4.10E+01
WG	W-1	L12434-01	5/17/2007	Co-57	9.00E-01	1.30E+00	4.50E+00
WG	W-1	L12434-01	5/17/2007	Co-58	3.20E+00	1.70E+00	5.40E+00
WG	W-1	L12434-01	5/17/2007	Co-60	-1.50E+00	2.00E+00	7.90E+00
WG	W-1	L12434-01	5/17/2007	Cr-51	-5.00E+00	1.60E+01	5.70E+01
WG	W-1	L12434-01	5/17/2007	Cs-134	3.00E-01	2.00E+00	7.20E+00
WG	W-1	L12434-01	5/17/2007	Cs-137	-3.30E+00	2.10E+00	8.10E+00
WG	W-1	L12434-01	5/17/2007	Fe-59	6.00E-01	3.90E+00	1.40E+01
WG	W-1	L12434-01	5/17/2007	H-3	7.40E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-1	L12434-01	5/17/2007	I-131	-3.70E+00	3.00E+00	1.10E+01
WG	W-1	L12434-01	5/17/2007	K-40	-4.30E+01	2.70E+01	1.10E+02
WG	W-1	L12434-01	5/17/2007	La-140	-1.00E-01	3.10E+00	1.20E+01
WG	W-1	L12434-01	5/17/2007	Mn-54	1.60E+00	1.70E+00	5.80E+00
WG	W-1	L12434-01	5/17/2007	Nb-95	-3.60E+00	2.00E+00	8.20E+00
WG	W-1	L12434-01	5/17/2007	Ru-103	1.00E-01	1.70E+00	6.00E+00
WG	W-1	L12434-01	5/17/2007	Ru-106	-1.50E+01	1.70E+01	6.40E+01
WG	W-1	L12434-01	5/17/2007	Sb-124	6.00E+00	4.80E+00	1.60E+01
WG	W-1	L12434-01	5/17/2007	Sb-125	2.80E+00	5.20E+00	1.80E+01
WG	W-1	L12434-01	5/17/2007	Se-75	2.00E-01	2.20E+00	7.60E+00
WG	W-1	L12434-01	5/17/2007	Zn-65	-1.53E+01	5.10E+00	2.20E+01
WG	W-1	L12434-01	5/17/2007	Zr-95	-7.40E+00	3.10E+00	1.30E+01
WG	W-7	L12434-07	5/17/2007	AcTh-228	1.40E+01	1.00E+01	3.40E+01
WG	W-7	L12434-07	5/17/2007	Ag-108m	1.10E+00	1.40E+00	4.70E+00
WG	W-7	L12434-07	5/17/2007	Ag-110m	1.60E+00	2.10E+00	7.50E+00
WG	W-7	L12434-07	5/17/2007	Ba-140	3.60E+00	3.00E+00	1.00E+01
WG	W-7	L12434-07	5/17/2007	Be-7	1.80E+01	1.50E+01	4.90E+01
WG	W-7	L12434-07	5/17/2007	Ce-141	5.00E-01	2.70E+00	9.40E+00
WG	W-7	L12434-07	5/17/2007	Ce-144	-7.80E+00	9.80E+00	3.50E+01
WG	W-7	L12434-07	5/17/2007	Co-57	1.70E+00	1.30E+00	4.20E+00
WG	W-7	L12434-07	5/17/2007	Co-58	-7.00E-01	1.90E+00	7.10E+00
WG	W-7	L12434-07	5/17/2007	Co-60	1.60E+00	2.00E+00	7.30E+00
WG	W-7	L12434-07	5/17/2007	Cr-51	-1.90E+01	1.60E+01	5.90E+01
WG	W-7	L12434-07	5/17/2007	Cs-134	1.20E+00	2.00E+00	7.10E+00
WG	W-7	L12434-07	5/17/2007	Cs-137	2.40E+00	1.90E+00	6.50E+00
WG	W-7	L12434-07	5/17/2007	Fe-59	3.30E+00	3.80E+00	1.30E+01
WG	W-7	L12434-07	5/17/2007	H-3	6.40E+02	4.30E+02	1.30E+03
WG	W-7	L12434-07	5/17/2007	I-131	-4.00E+00	2.70E+00	1.00E+01
WG	W-7	L12434-07	5/17/2007	K-40	4.50E+01	3.20E+01	1.10E+02
WG	W-7	L12434-07	5/17/2007	La-140	4.20E+00	3.40E+00	1.20E+01
WG	W-7	L12434-07	5/17/2007	Mn-54	-1.40E+00	1.90E+00	7.20E+00
WG	W-7	L12434-07	5/17/2007	Nb-95	7.00E-01	1.70E+00	6.00E+00
WG	W-7	L12434-07	5/17/2007	Ru-103	-3.50E+00	1.80E+00	7.30E+00
WG	W-7	L12434-07	5/17/2007	Ru-106	-1.00E+00	1.60E+01	6.00E+01
WG	W-7	L12434-07	5/17/2007	Sb-124	2.20E+00	4.60E+00	1.70E+01
WG	W-7	L12434-07	5/17/2007	Sb-125	5.90E+00	4.50E+00	1.50E+01
WG	W-7	L12434-07	5/17/2007	Se-75	-2.00E-01	2.40E+00	8.40E+00
WG	W-7	L12434-07	5/17/2007	Zn-65	-9.80E+00	4.30E+00	1.80E+01
WG	W-7	L12434-07	5/17/2007	Zr-95	-1.50E+00	2.90E+00	1.10E+01
WG	W-8	L12434-08	5/17/2007	AcTh-228	3.00E-01	8.90E+00	3.30E+01

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-8	L12434-08	5/17/2007	Ag-108m	1.90E+00	1.60E+00	5.30E+00
WG	W-8	L12434-08	5/17/2007	Ag-110m	1.40E+00	2.50E+00	9.20E+00
WG	W-8	L12434-08	5/17/2007	Ba-140	2.40E+00	3.50E+00	1.30E+01
WG	W-8	L12434-08	5/17/2007	Be-7	1.50E+01	1.50E+01	5.30E+01
WG	W-8	L12434-08	5/17/2007	Ce-141	-5.20E+00	2.60E+00	9.80E+00
WG	W-8	L12434-08	5/17/2007	Ce-144	1.90E+00	8.20E+00	2.90E+01
WG	W-8	L12434-08	5/17/2007	Co-57	1.10E+00	1.20E+00	4.20E+00
WG	W-8	L12434-08	5/17/2007	Co-58	7.00E-01	2.10E+00	7.60E+00
WG	W-8	L12434-08	5/17/2007	Co-60	0.00E+00	2.30E+00	9.10E+00
WG	W-8	L12434-08	5/17/2007	Cr-51	2.00E+00	1.70E+01	5.90E+01
WG	W-8	L12434-08	5/17/2007	Cs-134	4.70E+00	2.60E+00	8.20E+00
WG	W-8	L12434-08	5/17/2007	Cs-137	-1.00E+00	1.70E+00	6.90E+00
WG	W-8	L12434-08	5/17/2007	Fe-59	-2.60E+00	4.90E+00	1.90E+01
WG	W-8	L12434-08	5/17/2007	H-3	3.10E+02	4.20E+02	1.30E+03
WG	W-8	L12434-08	5/17/2007	I-131	-1.80E+00	2.70E+00	1.00E+01
WG	W-8	L12434-08	5/17/2007	K-40	-2.80E+01	3.00E+01	1.20E+02
WG	W-8	L12434-08	5/17/2007	La-140	2.80E+00	4.00E+00	1.50E+01
WG	W-8	L12434-08	5/17/2007	Mn-54	-1.40E+00	2.30E+00	8.80E+00
WG	W-8	L12434-08	5/17/2007	Nb-95	1.00E-01	2.30E+00	8.60E+00
WG	W-8	L12434-08	5/17/2007	Ru-103	-1.60E+00	1.90E+00	7.40E+00
WG	W-8	L12434-08	5/17/2007	Ru-106	-1.10E+01	1.70E+01	6.60E+01
WG	W-8	L12434-08	5/17/2007	Sb-124	1.50E+00	6.00E+00	2.30E+01
WG	W-8	L12434-08	5/17/2007	Sb-125	9.80E+00	5.40E+00	1.80E+01
WG	W-8	L12434-08	5/17/2007	Se-75	-2.10E+00	2.00E+00	7.60E+00
WG	W-8	L12434-08	5/17/2007	Zn-65	6.40E+00	4.40E+00	1.40E+01
WG	W-8	L12434-08	5/17/2007	Zr-95	2.30E+00	3.90E+00	1.40E+01
WG	W-9	L12434-09	5/17/2007	AcTh-228	-1.60E+00	8.00E+00	2.90E+01
WG	W-9	L12434-09	5/17/2007	Ag-108m	-1.00E+00	1.40E+00	5.10E+00
WG	W-9	L12434-09	5/17/2007	Ag-110m	-3.40E+00	2.20E+00	8.90E+00
WG	W-9	L12434-09	5/17/2007	Ba-140	0.00E+00	2.80E+00	1.10E+01
WG	W-9	L12434-09	5/17/2007	Be-7	3.00E+00	1.30E+01	4.60E+01
WG	W-9	L12434-09	5/17/2007	Ce-141	1.70E+00	2.40E+00	8.00E+00
WG	W-9	L12434-09	5/17/2007	Ce-144	-3.60E+00	8.70E+00	3.00E+01
WG	W-9	L12434-09	5/17/2007	Co-57	-2.00E-01	1.10E+00	3.80E+00
WG	W-9	L12434-09	5/17/2007	Co-58	2.10E+00	1.60E+00	5.50E+00
WG	W-9	L12434-09	5/17/2007	Co-60	7.00E-01	2.30E+00	8.40E+00
WG	W-9	L12434-09	5/17/2007	Cr-51	6.00E+00	1.50E+01	5.30E+01
WG	W-9	L12434-09	5/17/2007	Cs-134	-8.00E-01	2.00E+00	7.60E+00
WG	W-9	L12434-09	5/17/2007	Cs-137	1.70E+00	1.70E+00	5.90E+00
WG	W-9	L12434-09	5/17/2007	Fe-59	-2.40E+00	3.70E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-9	L12434-09	5/17/2007	H-3	2.80E+02	4.30E+02	1.30E+03
WG	W-9	L12434-09	5/17/2007	I-131	8.00E-01	2.80E+00	9.90E+00
WG	W-9	L12434-09	5/17/2007	K-40	1.80E+02	3.80E+01	1.00E+02 *
WG	W-9	L12434-09	5/17/2007	La-140	0.00E+00	3.20E+00	1.20E+01
WG	W-9	L12434-09	5/17/2007	Mn-54	1.50E+00	1.40E+00	5.00E+00
WG	W-9	L12434-09	5/17/2007	Nb-95	2.00E-01	1.80E+00	6.60E+00
WG	W-9	L12434-09	5/17/2007	Ru-103	2.10E+00	1.60E+00	5.50E+00
WG	W-9	L12434-09	5/17/2007	Ru-106	1.00E+01	1.60E+01	5.60E+01
WG	W-9	L12434-09	5/17/2007	Sb-124	-3.90E+00	4.10E+00	1.80E+01
WG	W-9	L12434-09	5/17/2007	Sb-125	0.00E+00	4.30E+00	1.50E+01
WG	W-9	L12434-09	5/17/2007	Se-75	-1.00E+00	1.70E+00	6.20E+00
WG	W-9	L12434-09	5/17/2007	Zn-65	1.80E+00	4.00E+00	1.40E+01
WG	W-9	L12434-09	5/17/2007	Zr-95	-1.60E+00	3.00E+00	1.10E+01
WG	W-13	L12434-13	5/17/2007	AcTh-228	-2.10E+00	8.20E+00	3.00E+01
WG	W-13	L12434-13	5/17/2007	Ag-108m	-1.20E+00	1.60E+00	5.80E+00
WG	W-13	L12434-13	5/17/2007	Ag-110m	1.10E+00	2.30E+00	8.40E+00
WG	W-13	L12434-13	5/17/2007	Ba-140	-1.20E+00	2.90E+00	1.10E+01
WG	W-13	L12434-13	5/17/2007	Be-7	-3.20E+01	1.40E+01	5.80E+01
WG	W-13	L12434-13	5/17/2007	Ce-141	2.90E+00	3.30E+00	1.10E+01
WG	W-13	L12434-13	5/17/2007	Ce-144	1.30E+01	1.00E+01	3.40E+01
WG	W-13	L12434-13	5/17/2007	Co-57	1.40E+00	1.20E+00	4.20E+00
WG	W-13	L12434-13	5/17/2007	Co-58	-1.40E+00	2.00E+00	7.50E+00
WG	W-13	L12434-13	5/17/2007	Co-60	-4.00E-01	1.80E+00	7.10E+00
WG	W-13	L12434-13	5/17/2007	Cr-51	4.20E+01	1.60E+01	5.00E+01
WG	W-13	L12434-13	5/17/2007	Cs-134	6.00E-01	1.80E+00	6.50E+00
WG	W-13	L12434-13	5/17/2007	Cs-137	4.00E-01	1.80E+00	6.40E+00
WG	W-13	L12434-13	5/17/2007	Fe-59	-5.50E+00	4.20E+00	1.70E+01
WG	W-13	L12434-13	5/17/2007	H-3	2.00E+02	4.30E+02	1.30E+03
WG	W-13	L12434-13	5/17/2007	I-131	3.40E+00	3.20E+00	1.10E+01
WG	W-13	L12434-13	5/17/2007	K-40	-2.70E+01	2.10E+01	8.70E+01
WG	W-13	L12434-13	5/17/2007	La-140	-1.40E+00	3.30E+00	1.30E+01
WG	W-13	L12434-13	5/17/2007	Mn-54	-2.10E+00	1.90E+00	7.40E+00
WG	W-13	L12434-13	5/17/2007	Nb-95	-3.90E+00	2.00E+00	8.10E+00
WG	W-13	L12434-13	5/17/2007	Ru-103	-2.00E+00	1.80E+00	7.00E+00
WG	W-13	L12434-13	5/17/2007	Ru-106	7.00E+00	1.60E+01	5.60E+01
WG	W-13	L12434-13	5/17/2007	Sb-124	8.80E+00	4.50E+00	1.40E+01
WG	W-13	L12434-13	5/17/2007	Sb-125	0.00E+00	4.70E+00	1.70E+01
WG	W-13	L12434-13	5/17/2007	Se-75	-1.10E+00	2.20E+00	7.90E+00
WG	W-13	L12434-13	5/17/2007	Zn-65	-4.70E+00	3.90E+00	1.60E+01
WG	W-13	L12434-13	5/17/2007	Zr-95	-1.90E+00	3.20E+00	1.20E+01

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-15	L12434-15	5/17/2007	AcTh-228	-1.10E+00	7.00E+00	2.50E+01
WG	W-15	L12434-15	5/17/2007	Ag-108m	1.10E+00	1.40E+00	4.80E+00
WG	W-15	L12434-15	5/17/2007	Ag-110m	3.00E-01	2.00E+00	7.20E+00
WG	W-15	L12434-15	5/17/2007	Ba-140	-4.00E-01	1.90E+00	7.70E+00
WG	W-15	L12434-15	5/17/2007	Be-7	1.10E+01	1.30E+01	4.30E+01
WG	W-15	L12434-15	5/17/2007	Ce-141	-4.30E+00	2.50E+00	9.00E+00
WG	W-15	L12434-15	5/17/2007	Ce-144	1.08E+01	9.10E+00	3.10E+01
WG	W-15	L12434-15	5/17/2007	Co-57	-4.00E-01	1.10E+00	3.90E+00
WG	W-15	L12434-15	5/17/2007	Co-58	-6.00E-01	1.50E+00	5.60E+00
WG	W-15	L12434-15	5/17/2007	Co-60	9.00E-01	1.70E+00	6.10E+00
WG	W-15	L12434-15	5/17/2007	Cr-51	1.00E+00	1.40E+01	4.90E+01
WG	W-15	L12434-15	5/17/2007	Cs-134	1.60E+00	1.70E+00	5.80E+00
WG	W-15	L12434-15	5/17/2007	Cs-137	-1.00E+00	1.50E+00	5.70E+00
WG	W-15	L12434-15	5/17/2007	Fe-59	3.50E+00	3.10E+00	1.10E+01
WG	W-15	L12434-15	5/17/2007	H-3	-2.00E+01	4.20E+02	1.30E+03
WG	W-15	L12434-15	5/17/2007	I-131	-7.00E-01	2.50E+00	9.10E+00
WG	W-15	L12434-15	5/17/2007	K-40	5.80E+01	2.20E+01	6.80E+01
WG	W-15	L12434-15	5/17/2007	La-140	-5.00E-01	2.20E+00	8.80E+00
WG	W-15	L12434-15	5/17/2007	Mn-54	-2.60E+00	1.50E+00	6.00E+00
WG	W-15	L12434-15	5/17/2007	Nb-95	1.70E+00	1.90E+00	6.50E+00
WG	W-15	L12434-15	5/17/2007	Ru-103	-3.00E-01	1.80E+00	6.50E+00
WG	W-15	L12434-15	5/17/2007	Ru-106	1.20E+01	1.50E+01	5.20E+01
WG	W-15	L12434-15	5/17/2007	Sb-124	4.60E+00	3.40E+00	1.10E+01
WG	W-15	L12434-15	5/17/2007	Sb-125	-6.20E+00	4.00E+00	1.50E+01
WG	W-15	L12434-15	5/17/2007	Se-75	2.70E+00	2.00E+00	6.60E+00
WG	W-15	L12434-15	5/17/2007	Zn-65	-8.00E-01	3.50E+00	1.30E+01
WG	W-15	L12434-15	5/17/2007	Zr-95	-4.00E+00	2.50E+00	1.00E+01
WG	MW-20	L12434-16	5/17/2007	AcTh-228	-5.70E+00	5.90E+00	2.20E+01
WG	MW-20	L12434-16	5/17/2007	Ag-108m	2.00E+00	1.30E+00	4.20E+00
WG	MW-20	L12434-16	5/17/2007	Ag-110m	1.10E+00	1.90E+00	6.60E+00
WG	MW-20	L12434-16	5/17/2007	Ba-140	-5.00E-01	2.30E+00	8.80E+00
WG	MW-20	L12434-16	5/17/2007	Be-7	1.30E+01	1.40E+01	4.80E+01
WG	MW-20	L12434-16	5/17/2007	Ce-141	7.00E-01	2.10E+00	7.30E+00
WG	MW-20	L12434-16	5/17/2007	Ce-144	1.96E+01	9.40E+00	3.00E+01
WG	MW-20	L12434-16	5/17/2007	Co-57	-5.00E-01	1.10E+00	4.00E+00
WG	MW-20	L12434-16	5/17/2007	Co-58	4.00E-01	1.40E+00	5.00E+00
WG	MW-20	L12434-16	5/17/2007	Co-60	-1.70E+00	1.70E+00	6.90E+00
WG	MW-20	L12434-16	5/17/2007	Cr-51	-1.00E+00	1.50E+01	5.20E+01
WG	MW-20	L12434-16	5/17/2007	Cs-134	-1.70E+00	1.50E+00	6.00E+00
WG	MW-20	L12434-16	5/17/2007	Cs-137	-4.00E-01	1.50E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-20	L12434-16	5/17/2007	Fe-59	-6.00E+00	3.00E+00	1.20E+01
WG	MW-20	L12434-16	5/17/2007	H-3	-2.30E+02	4.30E+02	1.30E+03
WG	MW-20	L12434-16	5/17/2007	I-131	-1.60E+00	2.90E+00	1.00E+01
WG	MW-20	L12434-16	5/17/2007	K-40	-2.00E+00	1.90E+01	7.10E+01
WG	MW-20	L12434-16	5/17/2007	La-140	-6.00E-01	2.60E+00	1.00E+01
WG	MW-20	L12434-16	5/17/2007	Mn-54	2.00E+00	1.40E+00	4.80E+00
WG	MW-20	L12434-16	5/17/2007	Nb-95	8.00E-01	1.70E+00	6.10E+00
WG	MW-20	L12434-16	5/17/2007	Ru-103	-9.00E-01	1.40E+00	5.40E+00
WG	MW-20	L12434-16	5/17/2007	Ru-106	6.00E+00	1.50E+01	5.20E+01
WG	MW-20	L12434-16	5/17/2007	Sb-124	-3.40E+00	4.20E+00	1.70E+01
WG	MW-20	L12434-16	5/17/2007	Sb-125	2.40E+00	4.20E+00	1.40E+01
WG	MW-20	L12434-16	5/17/2007	Se-75	1.00E-01	1.60E+00	5.80E+00
WG	MW-20	L12434-16	5/17/2007	Zn-65	-5.70E+00	3.70E+00	1.50E+01
WG	MW-20	L12434-16	5/17/2007	Zr-95	2.40E+00	2.70E+00	9.20E+00
WG	MW-21	L12434-17	5/17/2007	AcTh-228	2.40E+00	6.90E+00	2.40E+01
WG	MW-21	L12434-17	5/17/2007	Ag-108m	-6.00E-01	1.20E+00	4.30E+00
WG	MW-21	L12434-17	5/17/2007	Ag-110m	-3.00E-01	2.10E+00	7.60E+00
WG	MW-21	L12434-17	5/17/2007	Ba-140	5.10E+00	2.50E+00	7.90E+00
WG	MW-21	L12434-17	5/17/2007	Be-7	2.00E+00	1.30E+01	4.40E+01
WG	MW-21	L12434-17	5/17/2007	Ce-141	-1.70E+00	2.30E+00	8.20E+00
WG	MW-21	L12434-17	5/17/2007	Ce-144	-1.26E+01	7.50E+00	2.70E+01
WG	MW-21	L12434-17	5/17/2007	Co-57	-4.20E-01	9.80E-01	3.40E+00
WG	MW-21	L12434-17	5/17/2007	Co-58	3.00E-01	1.50E+00	5.40E+00
WG	MW-21	L12434-17	5/17/2007	Co-60	3.00E-01	1.70E+00	6.20E+00
WG	MW-21	L12434-17	5/17/2007	Cr-51	3.00E+00	1.40E+01	4.70E+01
WG	MW-21	L12434-17	5/17/2007	Cs-134	4.00E+00	1.70E+00	5.10E+00
WG	MW-21	L12434-17	5/17/2007	Cs-137	-1.50E+00	1.60E+00	5.90E+00
WG	MW-21	L12434-17	5/17/2007	Fe-59	-9.00E-01	3.10E+00	1.20E+01
WG	MW-21	L12434-17	5/17/2007	H-3	-5.50E+02	4.20E+02	1.30E+03
WG	MW-21	L12434-17	5/17/2007	I-131	3.30E+00	2.60E+00	8.70E+00
WG	MW-21	L12434-17	5/17/2007	K-40	8.00E+00	2.50E+01	8.80E+01
WG	MW-21	L12434-17	5/17/2007	La-140	5.80E+00	2.90E+00	9.10E+00
WG	MW-21	L12434-17	5/17/2007	Mn-54	1.80E+00	1.60E+00	5.50E+00
WG	MW-21	L12434-17	5/17/2007	Nb-95	-4.00E-01	1.50E+00	5.70E+00
WG	MW-21	L12434-17	5/17/2007	Ru-103	4.00E-01	1.50E+00	5.20E+00
WG	MW-21	L12434-17	5/17/2007	Ru-106	9.00E+00	1.40E+01	4.80E+01
WG	MW-21	L12434-17	5/17/2007	Sb-124	-2.90E+00	3.60E+00	1.50E+01
WG	MW-21	L12434-17	5/17/2007	Sb-125	-1.40E+00	3.60E+00	1.30E+01
WG	MW-21	L12434-17	5/17/2007	Se-75	-4.00E-01	1.80E+00	6.20E+00
WG	MW-21	L12434-17	5/17/2007	Zn-65	1.40E+00	2.80E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	MW-21	L12434-17	5/17/2007	Zr-95	-1.30E+00	2.60E+00	9.70E+00
WG	NPDES	L12434-18	5/17/2007	AcTh-228	-6.40E+00	7.40E+00	2.80E+01
WG	NPDES	L12434-18	5/17/2007	Ag-108m	1.60E+00	1.50E+00	5.10E+00
WG	NPDES	L12434-18	5/17/2007	Ag-110m	2.20E+00	2.10E+00	7.20E+00
WG	NPDES	L12434-18	5/17/2007	Ba-140	3.40E+00	3.00E+00	1.00E+01
WG	NPDES	L12434-18	5/17/2007	Be-7	-2.40E+01	1.30E+01	5.00E+01
WG	NPDES	L12434-18	5/17/2007	Ce-141	-3.30E+00	2.30E+00	8.10E+00
WG	NPDES	L12434-18	5/17/2007	Ce-144	-1.60E+00	6.80E+00	2.40E+01
WG	NPDES	L12434-18	5/17/2007	Co-57	-2.00E-01	1.00E+00	3.50E+00
WG	NPDES	L12434-18	5/17/2007	Co-58	0.00E+00	1.60E+00	6.10E+00
WG	NPDES	L12434-18	5/17/2007	Co-60	2.90E+00	1.80E+00	5.70E+00
WG	NPDES	L12434-18	5/17/2007	Cr-51	-2.20E+01	1.30E+01	4.80E+01
WG	NPDES	L12434-18	5/17/2007	Cs-134	-3.10E+00	1.80E+00	7.40E+00
WG	NPDES	L12434-18	5/17/2007	Cs-137	-7.00E-01	1.60E+00	5.90E+00
WG	NPDES	L12434-18	5/17/2007	Fe-59	-5.30E+00	3.60E+00	1.50E+01
WG	NPDES	L12434-18	5/17/2007	H-3	-2.00E+02	4.20E+02	1.30E+03
WG	NPDES	L12434-18	5/17/2007	I-131	6.00E-01	2.40E+00	8.50E+00
WG	NPDES	L12434-18	5/17/2007	K-40	-3.50E+01	2.70E+01	1.10E+02
WG	NPDES	L12434-18	5/17/2007	La-140	3.90E+00	3.40E+00	1.20E+01
WG	NPDES	L12434-18	5/17/2007	Mn-54	4.00E-01	1.70E+00	6.30E+00
WG	NPDES	L12434-18	5/17/2007	Nb-95	-1.00E+00	2.10E+00	7.80E+00
WG	NPDES	L12434-18	5/17/2007	Ru-103	-1.10E+00	1.60E+00	6.00E+00
WG	NPDES	L12434-18	5/17/2007	Ru-106	-1.30E+01	1.50E+01	5.60E+01
WG	NPDES	L12434-18	5/17/2007	Sb-124	1.00E+00	4.90E+00	1.80E+01
WG	NPDES	L12434-18	5/17/2007	Sb-125	2.20E+00	4.20E+00	1.40E+01
WG	NPDES	L12434-18	5/17/2007	Se-75	3.70E+00	1.70E+00	5.50E+00
WG	NPDES	L12434-18	5/17/2007	Zn-65	3.60E+00	3.40E+00	1.20E+01
WG	NPDES	L12434-18	5/17/2007	Zr-95	-1.10E+00	3.00E+00	1.10E+01
WG	W-2	L12434-02	5/18/2007	AcTh-228	3.00E-01	8.90E+00	3.20E+01
WG	W-2	L12434-02	5/18/2007	Ag-108m	0.00E+00	1.50E+00	5.40E+00
WG	W-2	L12434-02	5/18/2007	Ag-110m	4.00E-01	2.90E+00	1.00E+01
WG	W-2	L12434-02	5/18/2007	Ba-140	6.00E-01	3.40E+00	1.30E+01
WG	W-2	L12434-02	5/18/2007	Be-7	2.00E+00	1.60E+01	5.80E+01
WG	W-2	L12434-02	5/18/2007	Ce-141	-7.10E+00	2.70E+00	1.00E+01
WG	W-2	L12434-02	5/18/2007	Ce-144	-1.44E+01	9.90E+00	3.60E+01
WG	W-2	L12434-02	5/18/2007	Co-57	7.00E-01	1.30E+00	4.30E+00
WG	W-2	L12434-02	5/18/2007	Co-58	-1.00E+00	2.00E+00	7.60E+00
WG	W-2	L12434-02	5/18/2007	Co-60	-2.00E+00	2.80E+00	1.10E+01
WG	W-2	L12434-02	5/18/2007	Cr-51	1.00E+00	1.60E+01	5.80E+01
WG	W-2	L12434-02	5/18/2007	Cs-134	-1.10E+00	1.90E+00	7.40E+00

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-2	L12434-02	5/18/2007	Cs-137	-3.70E+00	2.50E+00	9.60E+00
WG	W-2	L12434-02	5/18/2007	Fe-59	-2.60E+00	3.90E+00	1.50E+01
WG	W-2	L12434-02	5/18/2007	H-3	1.00E+02	4.20E+02	1.30E+03
WG	W-2	L12434-02	5/18/2007	I-131	1.30E+00	2.80E+00	9.60E+00
WG	W-2	L12434-02	5/18/2007	K-40	6.00E+00	3.10E+01	1.10E+02
WG	W-2	L12434-02	5/18/2007	La-140	6.00E-01	3.90E+00	1.40E+01
WG	W-2	L12434-02	5/18/2007	Mn-54	-1.10E+00	2.10E+00	7.80E+00
WG	W-2	L12434-02	5/18/2007	Nb-95	3.00E-01	2.10E+00	7.60E+00
WG	W-2	L12434-02	5/18/2007	Ru-103	9.00E-01	2.00E+00	7.00E+00
WG	W-2	L12434-02	5/18/2007	Ru-106	-1.30E+01	1.80E+01	6.90E+01
WG	W-2	L12434-02	5/18/2007	Sb-124	5.30E+00	4.90E+00	1.70E+01
WG	W-2	L12434-02	5/18/2007	Sb-125	3.70E+00	4.70E+00	1.60E+01
WG	W-2	L12434-02	5/18/2007	Se-75	-9.00E-01	2.40E+00	8.50E+00
WG	W-2	L12434-02	5/18/2007	Zn-65	-4.80E+00	4.90E+00	1.90E+01
WG	W-2	L12434-02	5/18/2007	Zr-95	-4.90E+00	3.40E+00	1.30E+01
WG	W-3	L12434-03	5/18/2007	AcTh-228	1.50E+00	8.80E+00	3.20E+01
WG	W-3	L12434-03	5/18/2007	Ag-108m	-2.00E-01	1.70E+00	6.10E+00
WG	W-3	L12434-03	5/18/2007	Ag-110m	-4.00E-01	2.70E+00	1.00E+01
WG	W-3	L12434-03	5/18/2007	Ba-140	-1.50E+00	3.20E+00	1.30E+01
WG	W-3	L12434-03	5/18/2007	Be-7	-1.70E+01	1.70E+01	6.40E+01
WG	W-3	L12434-03	5/18/2007	Ce-141	-7.00E+00	2.70E+00	1.00E+01
WG	W-3	L12434-03	5/18/2007	Ce-144	-1.60E+00	8.70E+00	3.10E+01
WG	W-3	L12434-03	5/18/2007	Co-57	-1.00E-01	1.20E+00	4.20E+00
WG	W-3	L12434-03	5/18/2007	Co-58	-4.00E-01	2.00E+00	7.70E+00
WG	W-3	L12434-03	5/18/2007	Co-60	4.10E+00	2.00E+00	6.10E+00
WG	W-3	L12434-03	5/18/2007	Cr-51	-2.00E+01	1.50E+01	5.80E+01
WG	W-3	L12434-03	5/18/2007	Cs-134	-1.00E-01	2.30E+00	8.70E+00
WG	W-3	L12434-03	5/18/2007	Cs-137	-2.30E+00	2.30E+00	8.90E+00
WG	W-3	L12434-03	5/18/2007	Fe-59	4.30E+00	4.30E+00	1.50E+01
WG	W-3	L12434-03	5/18/2007	H-3	2.10E+02	4.30E+02	1.30E+03
WG	W-3	L12434-03	5/18/2007	I-131	-1.60E+00	2.40E+00	9.00E+00
WG	W-3	L12434-03	5/18/2007	K-40	2.20E+01	3.60E+01	1.30E+02
WG	W-3	L12434-03	5/18/2007	La-140	-1.70E+00	3.60E+00	1.50E+01
WG	W-3	L12434-03	5/18/2007	Mn-54	1.20E+00	2.30E+00	8.10E+00
WG	W-3	L12434-03	5/18/2007	Nb-95	-4.60E+00	2.50E+00	1.00E+01
WG	W-3	L12434-03	5/18/2007	Ru-103	-1.60E+00	2.10E+00	8.00E+00
WG	W-3	L12434-03	5/18/2007	Ru-106	-1.10E+01	2.10E+01	8.00E+01
WG	W-3	L12434-03	5/18/2007	Sb-124	0.00E+00	4.50E+00	1.90E+01
WG	W-3	L12434-03	5/18/2007	Sb-125	-1.04E+01	5.30E+00	2.10E+01
WG	W-3	L12434-03	5/18/2007	Se-75	5.00E-01	2.20E+00	7.60E+00

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-3	L12434-03	5/18/2007	Zn-65	0.00E+00	5.60E+00	2.10E+01
WG	W-3	L12434-03	5/18/2007	Zr-95	-4.10E+00	4.30E+00	1.70E+01
WG	W-10	L12434-10	5/18/2007	AcTh-228	3.00E-01	6.10E+00	2.20E+01
WG	W-10	L12434-10	5/18/2007	Ag-108m	1.40E+00	1.60E+00	5.30E+00
WG	W-10	L12434-10	5/18/2007	Ag-110m	-3.00E-01	2.40E+00	8.80E+00
WG	W-10	L12434-10	5/18/2007	Ba-140	-3.40E+00	2.30E+00	9.70E+00
WG	W-10	L12434-10	5/18/2007	Be-7	5.00E+00	1.70E+01	6.00E+01
WG	W-10	L12434-10	5/18/2007	Ce-141	1.00E-01	2.70E+00	9.40E+00
WG	W-10	L12434-10	5/18/2007	Ce-144	-1.10E+00	9.90E+00	3.50E+01
WG	W-10	L12434-10	5/18/2007	Co-57	2.70E+00	1.20E+00	3.80E+00
WG	W-10	L12434-10	5/18/2007	Co-58	-2.00E+00	1.80E+00	7.00E+00
WG	W-10	L12434-10	5/18/2007	Co-60	6.00E-01	1.80E+00	6.60E+00
WG	W-10	L12434-10	5/18/2007	Cr-51	2.90E+01	1.50E+01	4.70E+01
WG	W-10	L12434-10	5/18/2007	Cs-134	1.70E+00	1.80E+00	6.40E+00
WG	W-10	L12434-10	5/18/2007	Cs-137	-3.80E+00	1.70E+00	6.80E+00
WG	W-10	L12434-10	5/18/2007	Fe-59	4.60E+00	3.40E+00	1.10E+01
WG	W-10	L12434-10	5/18/2007	H-3	8.00E+01	4.20E+02	1.30E+03
WG	W-10	L12434-10	5/18/2007	I-131	-2.00E+00	2.60E+00	9.60E+00
WG	W-10	L12434-10	5/18/2007	K-40	-2.70E+01	2.30E+01	8.90E+01
WG	W-10	L12434-10	5/18/2007	La-140	-4.00E+00	2.60E+00	1.10E+01
WG	W-10	L12434-10	5/18/2007	Mn-54	-1.50E+00	1.80E+00	6.70E+00
WG	W-10	L12434-10	5/18/2007	Nb-95	-7.00E-01	2.00E+00	7.30E+00
WG	W-10	L12434-10	5/18/2007	Ru-103	-5.30E+00	1.90E+00	7.60E+00
WG	W-10	L12434-10	5/18/2007	Ru-106	-2.90E+01	1.80E+01	6.80E+01
WG	W-10	L12434-10	5/18/2007	Sb-124	-3.10E+00	3.40E+00	1.40E+01
WG	W-10	L12434-10	5/18/2007	Sb-125	2.20E+00	4.70E+00	1.60E+01
WG	W-10	L12434-10	5/18/2007	Se-75	-1.00E+00	2.10E+00	7.50E+00
WG	W-10	L12434-10	5/18/2007	Zn-65	-9.70E+00	4.30E+00	1.70E+01
WG	W-10	L12434-10	5/18/2007	Zr-95	8.00E-01	3.20E+00	1.20E+01
WG	W-11	L12434-11	5/18/2007	AcTh-228	-1.06E+01	7.60E+00	3.00E+01
WG	W-11	L12434-11	5/18/2007	Ag-108m	-1.10E+00	1.40E+00	5.30E+00
WG	W-11	L12434-11	5/18/2007	Ag-110m	8.00E-01	2.40E+00	8.70E+00
WG	W-11	L12434-11	5/18/2007	Ba-140	5.00E-01	2.70E+00	1.00E+01
WG	W-11	L12434-11	5/18/2007	Be-7	-4.00E+00	1.40E+01	5.10E+01
WG	W-11	L12434-11	5/18/2007	Ce-141	6.00E-01	3.00E+00	1.00E+01
WG	W-11	L12434-11	5/18/2007	Ce-144	-1.10E+01	1.00E+01	3.80E+01
WG	W-11	L12434-11	5/18/2007	Co-57	4.00E-01	1.30E+00	4.60E+00
WG	W-11	L12434-11	5/18/2007	Co-58	-2.50E+00	2.10E+00	8.20E+00
WG	W-11	L12434-11	5/18/2007	Co-60	-8.00E-01	1.90E+00	7.60E+00
WG	W-11	L12434-11	5/18/2007	Cr-51	-6.00E+00	1.60E+01	5.90E+01

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-11	L12434-11	5/18/2007	Cs-134	1.90E+00	1.70E+00	5.80E+00
WG	W-11	L12434-11	5/18/2007	Cs-137	-1.90E+00	1.80E+00	7.10E+00
WG	W-11	L12434-11	5/18/2007	Fe-59	4.10E+00	3.90E+00	1.40E+01
WG	W-11	L12434-11	5/18/2007	H-3	7.00E+02	4.30E+02	1.30E+03
WG	W-11	L12434-11	5/18/2007	I-131	-2.00E+00	2.70E+00	9.90E+00
WG	W-11	L12434-11	5/18/2007	K-40	8.00E+00	2.80E+01	1.00E+02
WG	W-11	L12434-11	5/18/2007	La-140	6.00E-01	3.10E+00	1.20E+01
WG	W-11	L12434-11	5/18/2007	Mn-54	-1.70E+00	2.10E+00	8.00E+00
WG	W-11	L12434-11	5/18/2007	Nb-95	3.00E-01	2.20E+00	8.10E+00
WG	W-11	L12434-11	5/18/2007	Ru-103	-3.90E+00	2.20E+00	8.40E+00
WG	W-11	L12434-11	5/18/2007	Ru-106	-1.70E+01	1.80E+01	6.80E+01
WG	W-11	L12434-11	5/18/2007	Sb-124	0.00E+00	3.50E+00	1.40E+01
WG	W-11	L12434-11	5/18/2007	Sb-125	-6.00E-01	4.80E+00	1.70E+01
WG	W-11	L12434-11	5/18/2007	Se-75	0.00E+00	2.40E+00	8.50E+00
WG	W-11	L12434-11	5/18/2007	Zn-65	-1.40E+00	4.20E+00	1.60E+01
WG	W-11	L12434-11	5/18/2007	Zr-95	1.90E+00	3.10E+00	1.10E+01
WG	W-12	L12434-12	5/18/2007	AcTh-228	6.00E-01	7.30E+00	2.70E+01
WG	W-12	L12434-12	5/18/2007	Ag-108m	3.20E+00	1.50E+00	4.80E+00
WG	W-12	L12434-12	5/18/2007	Ag-110m	-1.50E+00	2.40E+00	9.40E+00
WG	W-12	L12434-12	5/18/2007	Ba-140	2.80E+00	2.20E+00	7.60E+00
WG	W-12	L12434-12	5/18/2007	Be-7	-2.00E+00	1.50E+01	5.60E+01
WG	W-12	L12434-12	5/18/2007	Ce-141	1.50E+00	2.60E+00	8.90E+00
WG	W-12	L12434-12	5/18/2007	Ce-144	-1.00E+01	9.20E+00	3.40E+01
WG	W-12	L12434-12	5/18/2007	Co-57	1.30E+00	1.40E+00	4.60E+00
WG	W-12	L12434-12	5/18/2007	Co-58	-3.20E+00	2.00E+00	7.80E+00
WG	W-12	L12434-12	5/18/2007	Co-60	7.00E-01	2.10E+00	7.70E+00
WG	W-12	L12434-12	5/18/2007	Cr-51	3.00E+00	1.70E+01	5.90E+01
WG	W-12	L12434-12	5/18/2007	Cs-134	-2.60E+00	2.10E+00	8.20E+00
WG	W-12	L12434-12	5/18/2007	Cs-137	-3.50E+00	2.20E+00	8.40E+00
WG	W-12	L12434-12	5/18/2007	Fe-59	-3.00E+00	3.40E+00	1.40E+01
WG	W-12	L12434-12	5/18/2007	H-3	2.30E+02	4.20E+02	1.30E+03
WG	W-12	L12434-12	5/18/2007	I-131	4.00E+00	2.30E+00	7.40E+00
WG	W-12	L12434-12	5/18/2007	K-40	1.60E+01	2.50E+01	8.80E+01
WG	W-12	L12434-12	5/18/2007	La-140	3.20E+00	2.60E+00	8.80E+00
WG	W-12	L12434-12	5/18/2007	Mn-54	3.10E+00	1.80E+00	5.70E+00
WG	W-12	L12434-12	5/18/2007	Nb-95	-3.00E-01	1.80E+00	6.80E+00
WG	W-12	L12434-12	5/18/2007	Ru-103	1.00E+00	1.70E+00	6.00E+00
WG	W-12	L12434-12	5/18/2007	Ru-106	0.00E+00	1.70E+01	6.10E+01
WG	W-12	L12434-12	5/18/2007	Sb-124	-2.10E+00	4.80E+00	1.90E+01
WG	W-12	L12434-12	5/18/2007	Sb-125	-6.10E+00	5.00E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-12	L12434-12	5/18/2007	Se-75	1.50E+00	2.00E+00	7.00E+00
WG	W-12	L12434-12	5/18/2007	Zn-65	-7.70E+00	4.30E+00	1.80E+01
WG	W-12	L12434-12	5/18/2007	Zr-95	3.20E+00	3.10E+00	1.10E+01
WG	W-14	L12434-14	5/18/2007	AcTh-228	9.20E+00	6.90E+00	2.30E+01
WG	W-14	L12434-14	5/18/2007	Ag-108m	7.00E-01	1.40E+00	4.90E+00
WG	W-14	L12434-14	5/18/2007	Ag-110m	-3.00E-01	1.90E+00	7.10E+00
WG	W-14	L12434-14	5/18/2007	Ba-140	2.70E+00	2.50E+00	8.40E+00
WG	W-14	L12434-14	5/18/2007	Be-7	1.30E+01	1.50E+01	5.10E+01
WG	W-14	L12434-14	5/18/2007	Ce-141	-6.20E+00	2.90E+00	1.10E+01
WG	W-14	L12434-14	5/18/2007	Ce-144	-1.51E+01	9.20E+00	3.40E+01
WG	W-14	L12434-14	5/18/2007	Co-57	2.60E+00	1.30E+00	4.20E+00
WG	W-14	L12434-14	5/18/2007	Co-58	1.60E+00	2.00E+00	6.70E+00
WG	W-14	L12434-14	5/18/2007	Co-60	-1.00E+00	1.70E+00	6.70E+00
WG	W-14	L12434-14	5/18/2007	Cr-51	-2.10E+01	1.50E+01	5.60E+01
WG	W-14	L12434-14	5/18/2007	Cs-134	3.00E-01	1.90E+00	6.90E+00
WG	W-14	L12434-14	5/18/2007	Cs-137	-1.10E+00	1.70E+00	6.40E+00
WG	W-14	L12434-14	5/18/2007	Fe-59	-6.20E+00	3.40E+00	1.40E+01
WG	W-14	L12434-14	5/18/2007	H-3	1.20E+02	4.30E+02	1.30E+03
WG	W-14	L12434-14	5/18/2007	I-131	3.30E+00	2.70E+00	8.90E+00
WG	W-14	L12434-14	5/18/2007	K-40	1.30E+01	2.40E+01	8.60E+01
WG	W-14	L12434-14	5/18/2007	La-140	3.10E+00	2.80E+00	9.70E+00
WG	W-14	L12434-14	5/18/2007	Mn-54	-2.20E+00	1.60E+00	6.30E+00
WG	W-14	L12434-14	5/18/2007	Nb-95	5.00E-01	1.70E+00	6.10E+00
WG	W-14	L12434-14	5/18/2007	Ru-103	1.80E+00	2.00E+00	6.90E+00
WG	W-14	L12434-14	5/18/2007	Ru-106	-1.40E+01	1.80E+01	6.60E+01
WG	W-14	L12434-14	5/18/2007	Sb-124	3.20E+00	4.40E+00	1.60E+01
WG	W-14	L12434-14	5/18/2007	Sb-125	6.10E+00	4.30E+00	1.40E+01
WG	W-14	L12434-14	5/18/2007	Se-75	4.10E+00	2.10E+00	6.70E+00
WG	W-14	L12434-14	5/18/2007	Zn-65	-1.90E+00	4.40E+00	1.60E+01
WG	W-14	L12434-14	5/18/2007	Zr-95	4.00E+00	2.80E+00	9.40E+00
WG	W-4	L12434-04	5/21/2007	AcTh-228	2.30E+00	8.90E+00	3.20E+01
WG	W-4	L12434-04	5/21/2007	Ag-108m	-1.50E+00	1.70E+00	6.40E+00
WG	W-4	L12434-04	5/21/2007	Ag-110m	2.60E+00	2.80E+00	9.80E+00
WG	W-4	L12434-04	5/21/2007	Ba-140	5.30E+00	2.80E+00	8.80E+00
WG	W-4	L12434-04	5/21/2007	Be-7	0.00E+00	1.70E+01	6.00E+01
WG	W-4	L12434-04	5/21/2007	Ce-141	-1.50E+00	2.70E+00	9.40E+00
WG	W-4	L12434-04	5/21/2007	Ce-144	-3.00E+00	1.00E+01	3.70E+01
WG	W-4	L12434-04	5/21/2007	Co-57	-2.10E+00	1.30E+00	4.80E+00
WG	W-4	L12434-04	5/21/2007	Co-58	-7.00E-01	1.80E+00	6.80E+00
WG	W-4	L12434-04	5/21/2007	Co-60	-6.30E+00	2.30E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-4	L12434-04	5/21/2007	Cr-51	-5.30E+01	1.60E+01	6.30E+01
WG	W-4	L12434-04	5/21/2007	Cs-134	-8.00E-01	1.90E+00	7.40E+00
WG	W-4	L12434-04	5/21/2007	Cs-137	-2.30E+00	2.00E+00	8.00E+00
WG	W-4	L12434-04	5/21/2007	Fe-59	-1.40E+00	4.10E+00	1.60E+01
WG	W-4	L12434-04	5/21/2007	H-3	1.12E+03	4.40E+02	1.30E+03
WG	W-4	L12434-04	5/21/2007	I-131	1.30E+00	2.60E+00	9.00E+00
WG	W-4	L12434-04	5/21/2007	K-40	2.70E+01	2.70E+01	9.30E+01
WG	W-4	L12434-04	5/21/2007	La-140	6.10E+00	3.20E+00	1.00E+01
WG	W-4	L12434-04	5/21/2007	Mn-54	-4.20E+00	2.20E+00	8.80E+00
WG	W-4	L12434-04	5/21/2007	Nb-95	-3.40E+00	2.10E+00	8.50E+00
WG	W-4	L12434-04	5/21/2007	Ru-103	1.40E+00	1.90E+00	6.70E+00
WG	W-4	L12434-04	5/21/2007	Ru-106	-3.30E+01	2.10E+01	8.00E+01
WG	W-4	L12434-04	5/21/2007	Sb-124	1.20E+00	5.00E+00	1.90E+01
WG	W-4	L12434-04	5/21/2007	Sb-125	7.00E+00	5.20E+00	1.70E+01
WG	W-4	L12434-04	5/21/2007	Se-75	-2.00E-01	2.40E+00	8.60E+00
WG	W-4	L12434-04	5/21/2007	Zn-65	-4.60E+00	4.90E+00	1.90E+01
WG	W-4	L12434-04	5/21/2007	Zr-95	3.80E+00	3.70E+00	1.30E+01
WG	W-5	L12434-05	5/21/2007	AcTh-228	-8.00E-01	6.00E+00	2.20E+01
WG	W-5	L12434-05	5/21/2007	Ag-108m	1.00E+00	1.50E+00	5.10E+00
WG	W-5	L12434-05	5/21/2007	Ag-110m	-6.00E-01	2.50E+00	9.10E+00
WG	W-5	L12434-05	5/21/2007	Ba-140	0.00E+00	1.70E+00	6.60E+00
WG	W-5	L12434-05	5/21/2007	Be-7	-2.00E+01	1.40E+01	5.30E+01
WG	W-5	L12434-05	5/21/2007	Ce-141	2.30E+00	2.60E+00	8.70E+00
WG	W-5	L12434-05	5/21/2007	Ce-144	-2.60E+00	8.80E+00	3.10E+01
WG	W-5	L12434-05	5/21/2007	Co-57	2.10E+00	1.10E+00	3.70E+00
WG	W-5	L12434-05	5/21/2007	Co-58	-2.70E+00	1.70E+00	6.60E+00
WG	W-5	L12434-05	5/21/2007	Co-60	-5.00E-01	1.80E+00	7.00E+00
WG	W-5	L12434-05	5/21/2007	Cr-51	-1.10E+01	1.30E+01	4.80E+01
WG	W-5	L12434-05	5/21/2007	Cs-134	1.20E+00	1.70E+00	5.80E+00
WG	W-5	L12434-05	5/21/2007	Cs-137	-7.00E-01	1.60E+00	6.10E+00
WG	W-5	L12434-05	5/21/2007	Fe-59	-1.50E+00	3.60E+00	1.30E+01
WG	W-5	L12434-05	5/21/2007	H-3	8.50E+02	4.30E+02	1.30E+03
WG	W-5	L12434-05	5/21/2007	I-131	-1.70E+00	1.90E+00	6.90E+00
WG	W-5	L12434-05	5/21/2007	K-40	-2.90E+01	2.60E+01	1.00E+02
WG	W-5	L12434-05	5/21/2007	La-140	0.00E+00	2.00E+00	7.60E+00
WG	W-5	L12434-05	5/21/2007	Mn-54	6.00E-01	1.50E+00	5.50E+00
WG	W-5	L12434-05	5/21/2007	Nb-95	-3.90E+00	1.70E+00	6.90E+00
WG	W-5	L12434-05	5/21/2007	Ru-103	-2.50E+00	1.80E+00	6.80E+00
WG	W-5	L12434-05	5/21/2007	Ru-106	-4.00E+00	1.60E+01	5.70E+01
WG	W-5	L12434-05	5/21/2007	Sb-124	0.00E+00	2.50E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-5	L12434-05	5/21/2007	Sb-125	-5.80E+00	4.50E+00	1.70E+01
WG	W-5	L12434-05	5/21/2007	Se-75	-3.20E+00	2.10E+00	7.70E+00
WG	W-5	L12434-05	5/21/2007	Zn-65	-1.00E-01	4.00E+00	1.50E+01
WG	W-5	L12434-05	5/21/2007	Zr-95	3.30E+00	3.10E+00	1.10E+01
WG	W-6	L12434-06	5/21/2007	AcTh-228	1.78E+01	8.20E+00	2.60E+01
WG	W-6	L12434-06	5/21/2007	Ag-108m	-1.70E+00	1.60E+00	6.10E+00
WG	W-6	L12434-06	5/21/2007	Ag-110m	-4.00E-01	2.40E+00	9.00E+00
WG	W-6	L12434-06	5/21/2007	Ba-140	1.40E+00	1.90E+00	6.80E+00
WG	W-6	L12434-06	5/21/2007	Be-7	4.00E+00	1.50E+01	5.20E+01
WG	W-6	L12434-06	5/21/2007	Ce-141	2.90E+00	3.60E+00	1.20E+01
WG	W-6	L12434-06	5/21/2007	Ce-144	8.00E+00	1.20E+01	3.90E+01
WG	W-6	L12434-06	5/21/2007	Co-57	1.60E+00	1.40E+00	4.60E+00
WG	W-6	L12434-06	5/21/2007	Co-58	-5.00E-01	1.80E+00	6.80E+00
WG	W-6	L12434-06	5/21/2007	Co-60	-1.90E+00	2.40E+00	9.30E+00
WG	W-6	L12434-06	5/21/2007	Cr-51	4.50E+01	1.80E+01	5.50E+01
WG	W-6	L12434-06	5/21/2007	Cs-134	1.20E+00	2.10E+00	7.50E+00
WG	W-6	L12434-06	5/21/2007	Cs-137	-1.30E+00	1.90E+00	7.20E+00
WG	W-6	L12434-06	5/21/2007	Fe-59	5.20E+00	3.70E+00	1.20E+01
WG	W-6	L12434-06	5/21/2007	H-3	6.60E+02	4.40E+02	1.30E+03
WG	W-6	L12434-06	5/21/2007	I-131	1.30E+00	1.90E+00	6.70E+00
WG	W-6	L12434-06	5/21/2007	K-40	1.81E+02	3.80E+01	9.80E+01 *
WG	W-6	L12434-06	5/21/2007	La-140	1.60E+00	2.10E+00	7.80E+00
WG	W-6	L12434-06	5/21/2007	Mn-54	-3.80E+00	2.30E+00	8.90E+00
WG	W-6	L12434-06	5/21/2007	Nb-95	8.00E-01	2.20E+00	7.80E+00
WG	W-6	L12434-06	5/21/2007	Ru-103	-1.40E+00	2.10E+00	7.70E+00
WG	W-6	L12434-06	5/21/2007	Ru-106	-7.00E+00	1.80E+01	6.50E+01
WG	W-6	L12434-06	5/21/2007	Sb-124	6.80E+00	3.80E+00	1.20E+01
WG	W-6	L12434-06	5/21/2007	Sb-125	2.20E+00	5.10E+00	1.80E+01
WG	W-6	L12434-06	5/21/2007	Se-75	-1.40E+00	2.40E+00	8.80E+00
WG	W-6	L12434-06	5/21/2007	Zn-65	5.00E+00	8.30E+00	2.80E+01
WG	W-6	L12434-06	5/21/2007	Zr-95	-1.40E+00	3.20E+00	1.20E+01
WG	OW-2	L12496-01	5/30/2007	H-3	1.33E+03	2.40E+02	6.70E+02 *
WG	OW-1	L12602-01	6/19/2007	H-3	-5.20E+02	4.10E+02	1.20E+03
WG	OW-2	L12602-03	6/19/2007	H-3	1.53E+03	4.50E+02	1.20E+03 *
WG	OW-4	L12602-05	6/19/2007	H-3	6.90E+02	4.20E+02	1.20E+03
WG	OW-1	L12602-02	6/22/2007	H-3	3.90E+02	4.20E+02	1.20E+03
WG	OW-2	L12602-04	6/22/2007	H-3	1.84E+03	4.50E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	OW-4	L12602-06	6/22/2007	H-3	-3.00E+01	4.10E+02	1.20E+03
WG	OW-1	L12628-01	6/26/2007	H-3	-1.20E+02	4.20E+02	1.30E+03
WG	OW-2	L12628-03	6/26/2007	H-3	1.69E+03	4.50E+02	1.20E+03 *
WG	OW-4	L12628-05	6/26/2007	H-3	8.90E+02	4.20E+02	1.20E+03
WG	OW-1	L12628-02	6/27/2007	H-3	2.00E+02	4.30E+02	1.30E+03
WG	OW-2	L12628-04	6/27/2007	H-3	2.39E+03	4.50E+02	1.20E+03 *
WG	OW-4	L12628-06	6/27/2007	H-3	6.80E+02	4.20E+02	1.20E+03
WG	OW-1	L12711-01	7/10/2007	H-3	3.70E+02	4.10E+02	1.20E+03
WG	OW-2	L12711-04	7/10/2007	H-3	1.70E+03	4.40E+02	1.20E+03 *
WG	OW-4	L12711-07	7/10/2007	H-3	4.50E+02	4.10E+02	1.20E+03
WG	OW-1	L12711-02	7/13/2007	H-3	3.10E+02	4.10E+02	1.20E+03
WG	OW-2	L12711-05	7/13/2007	H-3	1.74E+03	4.40E+02	1.20E+03 *
WG	OW-4	L12711-08	7/13/2007	H-3	7.90E+02	4.20E+02	1.20E+03
WG	W-4	L12711-10	7/13/2007	H-3	1.20E+03	4.20E+02	1.20E+03
WG	W-5	L12711-11	7/13/2007	H-3	1.34E+03	4.30E+02	1.20E+03 *
WG	W-6	L12711-12	7/13/2007	H-3	1.13E+03	4.30E+02	1.20E+03
WG	OW-1	L12711-03	7/17/2007	H-3	3.20E+02	4.10E+02	1.20E+03
WG	OW-2	L12711-06	7/17/2007	H-3	2.02E+03	4.40E+02	1.20E+03 *
WG	OW-4	L12711-09	7/17/2007	H-3	3.70E+02	4.10E+02	1.20E+03
WG	SG-1	L12710-01	7/18/2007	AcTh-228	-3.60E+00	6.20E+00	2.10E+01
WG	SG-1	L12710-01	7/18/2007	Ag-108m	-7.80E-01	6.90E-01	2.40E+00
WG	SG-1	L12710-01	7/18/2007	Ag-110m	-1.90E+00	1.10E+00	4.30E+00
WG	SG-1	L12710-01	7/18/2007	Ba-140	-3.20E+00	3.30E+00	1.20E+01
WG	SG-1	L12710-01	7/18/2007	Be-7	1.25E+01	8.20E+00	2.70E+01
WG	SG-1	L12710-01	7/18/2007	Ce-141	4.00E-01	2.00E+00	6.70E+00
WG	SG-1	L12710-01	7/18/2007	Ce-144	-2.10E+00	3.80E+00	1.30E+01
WG	SG-1	L12710-01	7/18/2007	Co-57	1.12E+00	7.10E-01	2.30E+00
WG	SG-1	L12710-01	7/18/2007	Co-58	1.00E-01	1.00E+00	3.60E+00
WG	SG-1	L12710-01	7/18/2007	Co-60	5.10E-01	9.80E-01	3.40E+00
WG	SG-1	L12710-01	7/18/2007	Cr-51	9.20E+00	9.40E+00	3.10E+01
WG	SG-1	L12710-01	7/18/2007	Cs-134	-5.20E-01	8.90E-01	3.20E+00
WG	SG-1	L12710-01	7/18/2007	Cs-137	-4.60E-01	7.90E-01	2.80E+00

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-1	L12710-01	7/18/2007	Fe-59	4.00E-01	2.40E+00	8.30E+00
WG	SG-1	L12710-01	7/18/2007	GROSS ALPHA	3.30E+00	1.30E+00	3.00E+00
WG	SG-1	L12710-01	7/18/2007	GROSS BETA	1.21E+01	1.30E+00	2.80E+00 *
WG	SG-1	L12710-01	7/18/2007	I-131	-4.00E-01	4.30E+00	1.50E+01
WG	SG-1	L12710-01	7/18/2007	K-40	-1.00E+00	2.10E+01	7.10E+01
WG	SG-1	L12710-01	7/18/2007	La-140	-3.70E+00	3.80E+00	1.40E+01
WG	SG-1	L12710-01	7/18/2007	Mn-54	9.50E-01	9.20E-01	3.10E+00
WG	SG-1	L12710-01	7/18/2007	Nb-95	-2.00E-01	1.30E+00	4.60E+00
WG	SG-1	L12710-01	7/18/2007	Ru-103	-1.00E-01	1.10E+00	3.80E+00
WG	SG-1	L12710-01	7/18/2007	Ru-106	3.00E+00	7.90E+00	2.70E+01
WG	SG-1	L12710-01	7/18/2007	Sb-124	-1.50E+00	2.80E+00	1.00E+01
WG	SG-1	L12710-01	7/18/2007	Sb-125	-1.40E+00	2.10E+00	7.40E+00
WG	SG-1	L12710-01	7/18/2007	Se-75	-9.00E-02	9.30E-01	3.20E+00
WG	SG-1	L12710-01	7/18/2007	Zn-65	-5.00E-01	2.20E+00	7.60E+00
WG	SG-1	L12710-01	7/18/2007	Zr-95	-3.90E+00	2.00E+00	7.30E+00
WG	SG-2	L12710-02	7/18/2007	AcTh-228	1.40E+00	4.20E+00	1.40E+01
WG	SG-2	L12710-02	7/18/2007	Ag-108m	-1.30E-01	7.70E-01	2.70E+00
WG	SG-2	L12710-02	7/18/2007	Ag-110m	-6.00E-01	1.50E+00	5.30E+00
WG	SG-2	L12710-02	7/18/2007	Ba-140	-1.50E+00	3.50E+00	1.30E+01
WG	SG-2	L12710-02	7/18/2007	Be-7	1.10E+00	9.30E+00	3.20E+01
WG	SG-2	L12710-02	7/18/2007	Ce-141	-3.90E+00	2.10E+00	7.30E+00
WG	SG-2	L12710-02	7/18/2007	Ce-144	-2.00E+00	4.90E+00	1.70E+01
WG	SG-2	L12710-02	7/18/2007	Co-57	6.70E-01	6.20E-01	2.00E+00
WG	SG-2	L12710-02	7/18/2007	Co-58	-6.00E-01	1.10E+00	3.80E+00
WG	SG-2	L12710-02	7/18/2007	Co-60	6.00E-01	1.10E+00	3.90E+00
WG	SG-2	L12710-02	7/18/2007	Cr-51	1.60E+01	1.20E+01	3.80E+01
WG	SG-2	L12710-02	7/18/2007	Cs-134	2.10E+00	1.10E+00	3.40E+00
WG	SG-2	L12710-02	7/18/2007	Cs-137	2.00E-01	1.00E+00	3.50E+00
WG	SG-2	L12710-02	7/18/2007	Fe-59	-2.00E+00	2.50E+00	9.10E+00
WG	SG-2	L12710-02	7/18/2007	GROSS ALPHA	9.10E-01	8.90E-01	3.20E+00
WG	SG-2	L12710-02	7/18/2007	GROSS BETA	6.30E+00	1.20E+00	3.20E+00 *
WG	SG-2	L12710-02	7/18/2007	I-131	-1.15E+01	5.40E+00	1.90E+01
WG	SG-2	L12710-02	7/18/2007	K-40	2.80E+01	2.00E+01	6.70E+01
WG	SG-2	L12710-02	7/18/2007	La-140	-1.70E+00	4.10E+00	1.50E+01
WG	SG-2	L12710-02	7/18/2007	Mn-54	-6.00E-02	8.90E-01	3.10E+00
WG	SG-2	L12710-02	7/18/2007	Nb-95	-2.40E+00	1.40E+00	5.10E+00
WG	SG-2	L12710-02	7/18/2007	Ru-103	-2.50E+00	1.20E+00	4.40E+00
WG	SG-2	L12710-02	7/18/2007	Ru-106	-2.00E+00	9.00E+00	3.10E+01
WG	SG-2	L12710-02	7/18/2007	Sb-124	2.40E+00	2.70E+00	9.50E+00
WG	SG-2	L12710-02	7/18/2007	Sb-125	-4.00E-01	2.30E+00	8.00E+00

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-2	L12710-02	7/18/2007	Se-75	1.40E+00	1.00E+00	3.50E+00
WG	SG-2	L12710-02	7/18/2007	Zn-65	-2.30E+00	2.20E+00	8.00E+00
WG	SG-2	L12710-02	7/18/2007	Zr-95	-2.00E+00	1.90E+00	7.00E+00
WG	SG-4	L12710-03	7/18/2007	AcTh-228	3.50E+00	2.20E+00	7.30E+00
WG	SG-4	L12710-03	7/18/2007	Ag-108m	4.20E-01	7.70E-01	2.60E+00
WG	SG-4	L12710-03	7/18/2007	Ag-110m	-6.00E-01	1.30E+00	4.60E+00
WG	SG-4	L12710-03	7/18/2007	Ba-140	-2.10E+00	3.00E+00	1.10E+01
WG	SG-4	L12710-03	7/18/2007	Be-7	7.60E+00	9.20E+00	3.10E+01
WG	SG-4	L12710-03	7/18/2007	Ce-141	-5.00E-01	2.50E+00	8.60E+00
WG	SG-4	L12710-03	7/18/2007	Ce-144	1.62E+01	5.60E+00	1.80E+01
WG	SG-4	L12710-03	7/18/2007	Co-57	-1.19E+00	7.00E-01	2.40E+00
WG	SG-4	L12710-03	7/18/2007	Co-58	1.00E-01	1.10E+00	3.80E+00
WG	SG-4	L12710-03	7/18/2007	Co-60	-1.68E+00	9.70E-01	3.70E+00
WG	SG-4	L12710-03	7/18/2007	Cr-51	-1.40E+01	1.20E+01	4.30E+01
WG	SG-4	L12710-03	7/18/2007	Cs-134	1.60E+00	1.00E+00	3.40E+00
WG	SG-4	L12710-03	7/18/2007	Cs-137	-5.50E-01	9.30E-01	3.30E+00
WG	SG-4	L12710-03	7/18/2007	Fe-59	1.40E+00	2.50E+00	8.50E+00
WG	SG-4	L12710-03	7/18/2007	GROSS ALPHA	1.70E+00	1.10E+00	3.30E+00
WG	SG-4	L12710-03	7/18/2007	GROSS BETA	1.36E+01	1.30E+00	2.80E+00 *
WG	SG-4	L12710-03	7/18/2007	I-131	4.30E+00	5.80E+00	2.00E+01
WG	SG-4	L12710-03	7/18/2007	K-40	1.10E+01	1.80E+01	6.10E+01
WG	SG-4	L12710-03	7/18/2007	La-140	-2.50E+00	3.40E+00	1.30E+01
WG	SG-4	L12710-03	7/18/2007	Mn-54	-2.39E+00	9.40E-01	3.60E+00
WG	SG-4	L12710-03	7/18/2007	Nb-95	3.80E+00	1.50E+00	4.60E+00
WG	SG-4	L12710-03	7/18/2007	Ru-103	-2.00E-01	1.40E+00	4.70E+00
WG	SG-4	L12710-03	7/18/2007	Ru-106	-9.00E-01	8.90E+00	3.10E+01
WG	SG-4	L12710-03	7/18/2007	Sb-124	-3.00E-01	2.70E+00	9.70E+00
WG	SG-4	L12710-03	7/18/2007	Sb-125	-1.10E+00	2.30E+00	8.00E+00
WG	SG-4	L12710-03	7/18/2007	Se-75	8.00E-01	1.30E+00	4.20E+00
WG	SG-4	L12710-03	7/18/2007	Zn-65	-1.50E+00	2.10E+00	7.50E+00
WG	SG-4	L12710-03	7/18/2007	Zr-95	4.00E-01	2.00E+00	7.00E+00
WG	SG-5	L12710-04	7/18/2007	AcTh-228	1.90E+00	5.50E+00	1.90E+01
WG	SG-5	L12710-04	7/18/2007	Ag-108m	7.40E-01	7.80E-01	2.60E+00
WG	SG-5	L12710-04	7/18/2007	Ag-110m	0.00E+00	1.40E+00	5.00E+00
WG	SG-5	L12710-04	7/18/2007	Ba-140	-4.70E+00	3.30E+00	1.20E+01
WG	SG-5	L12710-04	7/18/2007	Be-7	-2.90E+00	9.00E+00	3.10E+01
WG	SG-5	L12710-04	7/18/2007	Ce-141	2.50E+00	2.50E+00	8.20E+00
WG	SG-5	L12710-04	7/18/2007	Ce-144	-4.90E+00	4.80E+00	1.60E+01
WG	SG-5	L12710-04	7/18/2007	Co-57	1.90E-01	6.10E-01	2.00E+00
WG	SG-5	L12710-04	7/18/2007	Co-58	-4.00E-01	1.20E+00	4.00E+00

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-5	L12710-04	7/18/2007	Co-60	1.50E+00	1.10E+00	3.70E+00
WG	SG-5	L12710-04	7/18/2007	Cr-51	3.00E+00	1.00E+01	3.40E+01
WG	SG-5	L12710-04	7/18/2007	Cs-134	6.00E-01	1.00E+00	3.50E+00
WG	SG-5	L12710-04	7/18/2007	Cs-137	-3.00E-01	9.10E-01	3.20E+00
WG	SG-5	L12710-04	7/18/2007	Fe-59	-8.00E-01	2.50E+00	8.80E+00
WG	SG-5	L12710-04	7/18/2007	GROSS ALPHA	-4.00E-02	7.90E-01	3.40E+00
WG	SG-5	L12710-04	7/18/2007	GROSS BETA	1.00E+01	1.20E+00	2.80E+00 *
WG	SG-5	L12710-04	7/18/2007	I-131	1.00E-01	4.60E+00	1.60E+01
WG	SG-5	L12710-04	7/18/2007	K-40	-1.40E+01	2.00E+01	6.80E+01
WG	SG-5	L12710-04	7/18/2007	La-140	-5.40E+00	3.80E+00	1.40E+01
WG	SG-5	L12710-04	7/18/2007	Mn-54	-7.00E-02	9.80E-01	3.40E+00
WG	SG-5	L12710-04	7/18/2007	Nb-95	-1.40E+00	1.40E+00	4.90E+00
WG	SG-5	L12710-04	7/18/2007	Ru-103	-1.60E+00	1.20E+00	4.40E+00
WG	SG-5	L12710-04	7/18/2007	Ru-106	8.10E+00	8.20E+00	2.70E+01
WG	SG-5	L12710-04	7/18/2007	Sb-124	9.00E-01	2.70E+00	9.50E+00
WG	SG-5	L12710-04	7/18/2007	Sb-125	2.40E+00	2.40E+00	7.90E+00
WG	SG-5	L12710-04	7/18/2007	Se-75	3.60E-01	5.50E-01	2.20E+00
WG	SG-5	L12710-04	7/18/2007	Zn-65	1.40E+00	2.30E+00	7.70E+00
WG	SG-5	L12710-04	7/18/2007	Zr-95	2.00E-01	1.90E+00	6.70E+00
WG	W-1	L12722-01	7/19/2007	H-3	5.00E+02	4.20E+02	1.20E+03
WG	W-2	L12722-02	7/19/2007	H-3	4.90E+02	4.20E+02	1.20E+03
WG	W-3	L12722-03	7/19/2007	H-3	-1.20E+02	4.10E+02	1.20E+03
WG	W-7	L12722-04	7/19/2007	H-3	2.30E+02	4.20E+02	1.20E+03
WG	W-8	L12722-05	7/19/2007	H-3	8.00E+01	4.20E+02	1.20E+03
WG	W-9	L12722-06	7/19/2007	H-3	3.90E+02	4.20E+02	1.20E+03
WG	W-10	L12722-07	7/19/2007	H-3	-2.50E+02	4.30E+02	1.30E+03
WG	W-11	L12722-08	7/19/2007	H-3	-2.60E+02	4.20E+02	1.30E+03
WG	W-12	L12722-09	7/19/2007	H-3	3.30E+02	4.30E+02	1.30E+03
WG	W-13	L12722-10	7/19/2007	H-3	2.30E+02	4.30E+02	1.30E+03
WG	W-14	L12722-11	7/19/2007	H-3	4.10E+02	4.40E+02	1.30E+03
WG	W-15	L12722-12	7/19/2007	H-3	3.60E+02	4.30E+02	1.30E+03
WG	SG-1	L12722-13	7/19/2007	H-3	-1.10E+02	4.30E+02	1.30E+03
WG	SG-2	L12722-14	7/19/2007	H-3	-2.60E+02	4.20E+02	1.30E+03
WG	SG-4	L12722-15	7/19/2007	H-3	-3.30E+02	4.20E+02	1.30E+03

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-5	L12722-16	7/19/2007	H-3	1.30E+02	4.30E+02	1.30E+03
WG	OW-1	L12722-17	7/19/2007	H-3	0.00E+00	4.30E+02	1.30E+03
WG	OW-4	L12722-18	7/19/2007	H-3	-2.00E+01	4.30E+02	1.30E+03
WG	EW-18	L12722-19	7/19/2007	H-3	-6.00E+01	4.20E+02	1.30E+03
WG	EW-19	L12722-20	7/19/2007	H-3	1.10E+02	4.40E+02	1.30E+03
WG	95-11A	L12722-21	7/19/2007	H-3	8.70E+02	4.40E+02	1.30E+03
WG	MW-20	L12722-23	7/19/2007	H-3	2.00E+01	4.20E+02	1.30E+03
WG	MW-21	L12722-24	7/19/2007	H-3	-2.20E+02	4.30E+02	1.30E+03
WG	OW-2	L12802-01	7/19/2007	H-3	1.35E+03	4.20E+02	1.20E+03 *
WG	OW-2	L12802-02	7/24/2007	H-3	1.18E+03	4.10E+02	1.20E+03
WG	OW-2	L12802-03	7/26/2007	H-3	1.84E+03	4.20E+02	1.20E+03 *
WG	W-5	L12774-01	7/28/2007	H-3	9.50E+02	4.30E+02	1.20E+03
WG	W-5	L12774-02	7/28/2007	H-3	1.80E+03	3.70E+02	1.00E+03 *
WG	OW-4	L12774-07	7/28/2007	H-3	3.20E+02	4.20E+02	1.20E+03
WG	OW-4	L12774-08	7/28/2007	H-3	5.60E+02	4.30E+02	1.20E+03
WG	OW-2	L12802-04	7/28/2007	H-3	1.57E+03	4.20E+02	1.20E+03 *
WG	OW-2	L12802-05	7/28/2007	H-3	1.88E+03	4.20E+02	1.20E+03 *
WG	W-5	L12774-03	7/29/2007	H-3	1.26E+03	3.70E+02	1.00E+03 *
WG	W-5	L12774-04	7/29/2007	H-3	1.32E+03	3.60E+02	1.00E+03 *
WG	OW-4	L12774-09	7/29/2007	H-3	7.40E+02	4.30E+02	1.20E+03
WG	OW-4	L12774-10	7/29/2007	H-3	5.50E+02	4.20E+02	1.20E+03
WG	OW-2	L12802-06	7/29/2007	H-3	1.28E+03	4.10E+02	1.20E+03 *
WG	OW-2	L12802-07	7/29/2007	H-3	1.59E+03	4.20E+02	1.20E+03 *
WG	W-5	L12774-05	7/30/2007	H-3	1.60E+03	3.70E+02	1.00E+03 *
WG	W-5	L12774-06	7/30/2007	H-3	1.43E+03	3.70E+02	1.00E+03 *
WG	OW-4	L12774-11	7/30/2007	H-3	6.00E+02	4.20E+02	1.20E+03
WG	OW-4	L12774-12	7/30/2007	H-3	-7.00E+01	4.20E+02	1.20E+03
WG	OW-2	L12802-08	7/30/2007	H-3	9.20E+02	4.10E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	OW-2	L12802-09	7/30/2007	H-3	1.60E+03	4.10E+02	1.20E+03 *
WG	OW-2	L12802-10	7/31/2007	H-3	1.44E+03	4.20E+02	1.20E+03 *
WG	OW-1	L12878-01	7/31/2007	H-3	5.40E+02	4.40E+02	1.30E+03
WG	OW-4	L12878-02	7/31/2007	H-3	6.70E+02	4.30E+02	1.30E+03
WG	OW-1	L12878-03	8/2/2007	H-3	4.60E+02	4.30E+02	1.30E+03
WG	OW-4	L12878-04	8/2/2007	H-3	4.70E+02	4.40E+02	1.30E+03
WG	OW-2	L13219-08	8/2/2007	H-3	1.56E+03	4.80E+02	1.30E+03 *
WG	OW-2	L13219-09	8/7/2007	H-3	1.59E+03	4.80E+02	1.30E+03 *
WG	OW-1	L12878-05	8/8/2007	H-3	4.50E+02	4.30E+02	1.30E+03
WG	OW-4	L12878-06	8/8/2007	H-3	7.30E+02	4.40E+02	1.30E+03
WG	OW-2	L13219-10	8/8/2007	H-3	1.62E+03	4.80E+02	1.30E+03 *
WG	OW-1	L12878-07	8/9/2007	H-3	1.00E+02	4.30E+02	1.30E+03
WG	OW-4	L12878-08	8/9/2007	H-3	1.63E+03	4.50E+02	1.30E+03 *
WG	OW-2	L13219-11	8/9/2007	H-3	1.00E+02	4.60E+02	1.40E+03
WG	OW-1	L12878-09	8/14/2007	H-3	7.80E+02	4.40E+02	1.30E+03
WG	OW-4	L12878-10	8/14/2007	H-3	7.30E+02	4.40E+02	1.30E+03
WG	OW-2	L13219-12	8/14/2007	H-3	1.61E+03	4.90E+02	1.40E+03 *
WG	OW-1	L12878-11	8/16/2007	H-3	7.60E+02	4.40E+02	1.30E+03
WG	OW-4	L12878-12	8/16/2007	H-3	9.70E+02	4.40E+02	1.30E+03
WG	OW-2	L13219-13	8/16/2007	H-3	1.49E+03	4.90E+02	1.40E+03 *
WG	OW-1	L12878-13	8/21/2007	H-3	7.80E+02	4.40E+02	1.30E+03
WG	OW-4	L12878-14	8/21/2007	H-3	8.80E+02	4.40E+02	1.30E+03
WG	OW-2	L13219-14	8/21/2007	H-3	1.48E+03	4.90E+02	1.40E+03 *
WG	OW-1	L12878-15	8/23/2007	H-3	1.24E+03	4.50E+02	1.30E+03
WG	OW-4	L12878-16	8/23/2007	H-3	7.60E+02	4.30E+02	1.30E+03
WG	OW-2	L13219-15	8/23/2007	H-3	1.15E+03	4.90E+02	1.40E+03
WG	OW-1	L12929-01	8/28/2007	H-3	-8.00E+01	4.40E+02	1.30E+03
WG	OW-2	L12929-02	8/28/2007	H-3	3.11E+03	4.90E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	OW-4	L12929-03	8/28/2007	H-3	1.11E+03	4.50E+02	1.30E+03
WG	EW-18	L12929-04	8/28/2007	H-3	6.20E+02	4.40E+02	1.30E+03
WG	EW-19	L12929-05	8/28/2007	H-3	1.34E+03	4.50E+02	1.30E+03
WG	95-11A	L12929-06	8/28/2007	H-3	4.90E+02	4.40E+02	1.30E+03
WG	SG-1	L12929-07	8/28/2007	H-3	-6.50E+02	4.30E+02	1.30E+03
WG	SG-2	L12929-08	8/28/2007	H-3	-4.10E+02	4.40E+02	1.30E+03
WG	SG-4	L12929-09	8/28/2007	H-3	5.10E+02	4.50E+02	1.30E+03
WG	SG-5	L12929-10	8/28/2007	H-3	2.40E+02	4.50E+02	1.30E+03
WG	W-2	L12929-12	8/28/2007	H-3	-1.40E+02	4.40E+02	1.30E+03
WG	W-3	L12929-13	8/28/2007	H-3	2.80E+02	4.50E+02	1.30E+03
WG	W-8	L12929-18	8/28/2007	H-3	-4.70E+02	4.30E+02	1.30E+03
WG	W-9	L12929-19	8/28/2007	H-3	8.40E+02	4.50E+02	1.30E+03
WG	W-10	L12929-20	8/28/2007	H-3	6.70E+02	4.40E+02	1.30E+03
WG	W-11	L12929-21	8/28/2007	H-3	5.40E+02	4.40E+02	1.30E+03
WG	W-12	L12929-22	8/28/2007	H-3	2.80E+02	4.30E+02	1.30E+03
WG	W-15	L12929-25	8/28/2007	H-3	9.00E+02	4.40E+02	1.30E+03
WG	MW-20	L12929-26	8/28/2007	H-3	5.00E+02	4.40E+02	1.30E+03
WG	W-1	L12929-11	8/29/2007	H-3	-2.40E+02	4.40E+02	1.30E+03
WG	W-4	L12929-14	8/29/2007	H-3	9.40E+02	4.60E+02	1.30E+03
WG	W-5	L12929-15	8/29/2007	H-3	1.01E+03	4.60E+02	1.30E+03
WG	W-6	L12929-16	8/29/2007	H-3	3.40E+02	4.50E+02	1.30E+03
WG	W-7	L12929-17	8/29/2007	H-3	-2.30E+02	4.40E+02	1.30E+03
WG	W-13	L12929-23	8/29/2007	H-3	3.80E+02	4.30E+02	1.30E+03
WG	W-14	L12929-24	8/29/2007	H-3	5.80E+02	4.40E+02	1.30E+03
WG	MW-21	L12929-27	8/29/2007	H-3	-4.00E+01	4.30E+02	1.30E+03
WG	OW-1	L13008-25	8/30/2007	H-3	7.00E+01	4.60E+02	1.40E+03
WG	OW-4	L13008-31	8/30/2007	H-3	5.90E+02	4.50E+02	1.30E+03
WG	OW-2	L13219-16	8/30/2007	H-3	1.54E+03	4.80E+02	1.40E+03 *

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	OW-1	L13008-26	9/4/2007	H-3	1.18E+03	4.70E+02	1.30E+03
WG	OW-4	L13008-32	9/4/2007	H-3	9.30E+02	4.60E+02	1.30E+03
WG	OW-2	L13219-17	9/4/2007	H-3	1.68E+03	4.90E+02	1.40E+03 *
WG	OW-1	L13008-27	9/6/2007	H-3	5.80E+02	4.60E+02	1.30E+03
WG	OW-4	L13008-33	9/6/2007	H-3	1.25E+03	4.80E+02	1.30E+03
WG	OW-2	L13219-18	9/6/2007	H-3	2.54E+03	5.00E+02	1.40E+03 *
WG	W-4	L13008-37	9/7/2007	H-3	8.00E+02	4.60E+02	1.30E+03
WG	W-5	L13008-39	9/7/2007	H-3	1.38E+03	4.60E+02	1.30E+03
WG	W-6	L13008-41	9/7/2007	H-3	1.16E+03	3.50E+02	1.00E+03 *
WG	OW-1	L13008-28	9/11/2007	H-3	1.24E+03	4.70E+02	1.30E+03
WG	OW-4	L13008-34	9/11/2007	H-3	9.60E+02	4.60E+02	1.30E+03
WG	OW-2	L13219-19	9/11/2007	H-3	9.40E+02	4.80E+02	1.40E+03
WG	OW-1	L13008-29	9/13/2007	H-3	8.60E+02	4.60E+02	1.30E+03
WG	OW-4	L13008-35	9/13/2007	H-3	8.10E+02	4.60E+02	1.30E+03
WG	OW-2	L13219-20	9/13/2007	H-3	1.92E+03	4.90E+02	1.40E+03 *
WG	W-4	L13008-38	9/14/2007	H-3	7.10E+02	4.60E+02	1.30E+03
WG	W-5	L13008-40	9/14/2007	H-3	1.39E+03	4.70E+02	1.30E+03
WG	W-6	L13008-42	9/14/2007	H-3	1.14E+03	4.60E+02	1.30E+03
WG	OW-1	L13008-30	9/18/2007	H-3	6.90E+02	4.50E+02	1.30E+03
WG	OW-4	L13008-36	9/18/2007	H-3	6.90E+02	4.60E+02	1.30E+03
WG	OW-2	L13219-21	9/18/2007	H-3	1.90E+03	5.00E+02	1.40E+03 *
WG	W-1	L13008-01	9/20/2007	H-3	-2.00E+01	4.40E+02	1.30E+03
WG	W-2	L13008-02	9/20/2007	H-3	3.70E+02	4.40E+02	1.30E+03
WG	W-3	L13008-03	9/20/2007	H-3	5.00E+02	4.50E+02	1.30E+03
WG	W-7	L13008-07	9/20/2007	H-3	4.00E+02	4.40E+02	1.30E+03
WG	W-8	L13008-08	9/20/2007	H-3	1.00E+02	4.30E+02	1.30E+03
WG	W-9	L13008-09	9/20/2007	H-3	1.00E+02	4.50E+02	1.30E+03
WG	W-10	L13008-10	9/20/2007	H-3	3.70E+02	4.60E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-11	L13008-11	9/20/2007	H-3	4.70E+02	4.40E+02	1.30E+03
WG	W-12	L13008-12	9/20/2007	H-3	6.30E+02	4.50E+02	1.30E+03
WG	W-13	L13008-13	9/20/2007	H-3	-3.00E+01	4.50E+02	1.40E+03
WG	W-14	L13008-14	9/20/2007	H-3	8.40E+02	4.70E+02	1.40E+03
WG	EW-18	L13008-16	9/20/2007	H-3	-1.20E+02	4.60E+02	1.40E+03
WG	MW-20	L13008-18	9/20/2007	H-3	-1.50E+02	4.60E+02	1.40E+03
WG	MW-21	L13008-19	9/20/2007	H-3	-7.00E+01	4.50E+02	1.40E+03
WG	SG-1	L13008-21	9/20/2007	H-3	-2.20E+02	4.50E+02	1.30E+03
WG	SG-2	L13008-22	9/20/2007	H-3	8.00E+01	4.70E+02	1.40E+03
WG	SG-4	L13008-23	9/20/2007	H-3	-7.00E+01	4.50E+02	1.40E+03
WG	SG-5	L13008-24	9/20/2007	H-3	-4.30E+02	4.50E+02	1.40E+03
WG	W-4	L13008-04	9/21/2007	H-3	1.21E+03	4.60E+02	1.30E+03
WG	W-5	L13008-05	9/21/2007	H-3	1.79E+03	4.70E+02	1.30E+03 *
WG	W-6	L13008-06	9/21/2007	H-3	4.90E+02	4.50E+02	1.30E+03
WG	W-15	L13008-15	9/21/2007	H-3	1.00E+03	4.70E+02	1.30E+03
WG	EW-19	L13008-17	9/21/2007	H-3	9.00E+01	4.50E+02	1.40E+03
WG	95-11A	L13008-20	9/21/2007	H-3	4.70E+02	4.60E+02	1.40E+03
WG	OW-1	L13219-01	9/27/2007	H-3	1.00E+03	4.70E+02	1.30E+03
WG	W-5	L13219-05	9/27/2007	H-3	1.31E+03	4.70E+02	1.30E+03
WG	OW-2	L13219-22	9/27/2007	H-3	2.05E+03	4.90E+02	1.30E+03 *
WG	OW-4	L13219-30	9/27/2007	H-3	2.40E+02	4.50E+02	1.30E+03
WG	W-4	L13219-33	9/27/2007	H-3	5.60E+02	4.50E+02	1.30E+03
WG	W-6	L13219-37	9/27/2007	H-3	9.40E+02	4.50E+02	1.30E+03
WG	OW-4	L13219-03	10/4/2007	H-3	-2.30E+02	4.30E+02	1.30E+03
WG	OW-1	L13219-26	10/4/2007	H-3	4.20E+02	4.50E+02	1.30E+03
WG	OW-2	L13219-40	10/4/2007	H-3	2.32E+03	4.80E+02	1.30E+03 *
WG	W-6	L13219-07	10/5/2007	H-3	1.21E+03	4.60E+02	1.30E+03
WG	W-4	L13219-34	10/5/2007	H-3	9.20E+02	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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-5	L13219-36	10/5/2007	H-3	1.51E+03	4.60E+02	1.30E+03 *
WG	OW-1	L13219-02	10/11/2007	H-3	6.90E+02	4.60E+02	1.30E+03
WG	OW-4	L13219-31	10/11/2007	H-3	2.20E+02	4.40E+02	1.30E+03
WG	OW-2	L13219-41	10/11/2007	H-3	2.50E+03	4.80E+02	1.30E+03 *
WG	W-5	L13219-06	10/12/2007	H-3	1.59E+03	4.00E+02	1.10E+03 *
WG	OW-2	L13219-23	10/12/2007	H-3	1.52E+03	4.70E+02	1.30E+03 *
WG	OW-1	L13219-27	10/12/2007	H-3	-1.80E+02	4.50E+02	1.30E+03
WG	W-4	L13219-35	10/12/2007	H-3	1.13E+03	4.60E+02	1.30E+03
WG	W-6	L13219-38	10/12/2007	H-3	9.70E+02	4.50E+02	1.30E+03
WG	SG-1	L13111-01	10/15/2007	AcTh-228	2.20E+00	8.60E+00	3.10E+01
WG	SG-1	L13111-01	10/15/2007	Ag-108m	2.90E+00	2.10E+00	6.90E+00
WG	SG-1	L13111-01	10/15/2007	Ag-110m	-4.20E+00	2.80E+00	1.10E+01
WG	SG-1	L13111-01	10/15/2007	Ba-140	1.01E+01	4.10E+00	1.20E+01
WG	SG-1	L13111-01	10/15/2007	Be-7	-1.50E+01	1.80E+01	6.80E+01
WG	SG-1	L13111-01	10/15/2007	Ce-141	-1.80E+00	3.80E+00	1.30E+01
WG	SG-1	L13111-01	10/15/2007	Ce-144	7.00E+00	1.20E+01	4.00E+01
WG	SG-1	L13111-01	10/15/2007	Co-57	-9.00E-01	1.40E+00	5.00E+00
WG	SG-1	L13111-01	10/15/2007	Co-58	-2.80E+00	2.10E+00	8.30E+00
WG	SG-1	L13111-01	10/15/2007	Co-60	1.30E+00	2.10E+00	7.50E+00
WG	SG-1	L13111-01	10/15/2007	Cr-51	-2.00E+00	2.00E+01	7.00E+01
WG	SG-1	L13111-01	10/15/2007	Cs-134	-3.00E-01	2.20E+00	8.10E+00
WG	SG-1	L13111-01	10/15/2007	Cs-137	-3.00E-01	2.00E+00	7.50E+00
WG	SG-1	L13111-01	10/15/2007	Fe-59	-2.20E+00	4.30E+00	1.70E+01
WG	SG-1	L13111-01	10/15/2007	GROSS ALPHA	2.70E+00	1.30E+00	3.90E+00
WG	SG-1	L13111-01	10/15/2007	GROSS BETA	9.50E+00	1.20E+00	2.90E+00 *
WG	SG-1	L13111-01	10/15/2007	I-131	0.00E+00	4.90E+00	1.70E+01
WG	SG-1	L13111-01	10/15/2007	K-40	-6.00E+00	3.10E+01	1.10E+02
WG	SG-1	L13111-01	10/15/2007	La-140	1.01E+01	4.10E+00	1.20E+01
WG	SG-1	L13111-01	10/15/2007	Mn-54	-1.20E+00	2.10E+00	7.90E+00
WG	SG-1	L13111-01	10/15/2007	Nb-95	-1.30E+00	2.80E+00	1.00E+01
WG	SG-1	L13111-01	10/15/2007	Ru-103	-3.80E+00	2.60E+00	9.80E+00
WG	SG-1	L13111-01	10/15/2007	Ru-106	4.00E+01	1.70E+01	5.30E+01
WG	SG-1	L13111-01	10/15/2007	Sb-124	4.30E+00	4.30E+00	1.50E+01
WG	SG-1	L13111-01	10/15/2007	Sb-125	6.00E-01	5.40E+00	1.90E+01
WG	SG-1	L13111-01	10/15/2007	Se-75	1.80E+00	2.60E+00	8.90E+00
WG	SG-1	L13111-01	10/15/2007	Zn-65	7.00E+00	8.10E+00	2.80E+01

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

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-1	L13111-01	10/15/2007	Zr-95	-2.70E+00	3.60E+00	1.40E+01
WG	SG-2	L13111-02	10/15/2007	AcTh-228	9.00E+00	8.30E+00	2.80E+01
WG	SG-2	L13111-02	10/15/2007	Ag-108m	1.00E-01	1.50E+00	5.40E+00
WG	SG-2	L13111-02	10/15/2007	Ag-110m	5.00E-01	2.70E+00	9.60E+00
WG	SG-2	L13111-02	10/15/2007	Ba-140	9.00E-01	3.60E+00	1.40E+01
WG	SG-2	L13111-02	10/15/2007	Be-7	2.40E+01	1.60E+01	5.20E+01
WG	SG-2	L13111-02	10/15/2007	Ce-141	3.60E+00	2.60E+00	8.60E+00
WG	SG-2	L13111-02	10/15/2007	Ce-144	8.70E+00	9.60E+00	3.20E+01
WG	SG-2	L13111-02	10/15/2007	Co-57	2.30E+00	1.20E+00	3.80E+00
WG	SG-2	L13111-02	10/15/2007	Co-58	-2.80E+00	1.80E+00	7.10E+00
WG	SG-2	L13111-02	10/15/2007	Co-60	1.00E-01	2.10E+00	8.00E+00
WG	SG-2	L13111-02	10/15/2007	Cr-51	-1.90E+01	1.50E+01	5.70E+01
WG	SG-2	L13111-02	10/15/2007	Cs-134	-4.00E-01	2.20E+00	8.00E+00
WG	SG-2	L13111-02	10/15/2007	Cs-137	2.30E+00	2.00E+00	6.90E+00
WG	SG-2	L13111-02	10/15/2007	Fe-59	1.30E+00	4.30E+00	1.50E+01
WG	SG-2	L13111-02	10/15/2007	GROSS ALPHA	5.60E-01	8.60E-01	3.20E+00
WG	SG-2	L13111-02	10/15/2007	GROSS BETA	4.27E+00	9.40E-01	2.60E+00 *
WG	SG-2	L13111-02	10/15/2007	I-131	-1.50E+00	3.50E+00	1.30E+01
WG	SG-2	L13111-02	10/15/2007	K-40	-2.60E+01	3.10E+01	1.20E+02
WG	SG-2	L13111-02	10/15/2007	La-140	9.00E-01	3.60E+00	1.40E+01
WG	SG-2	L13111-02	10/15/2007	Mn-54	-3.60E+00	1.80E+00	7.50E+00
WG	SG-2	L13111-02	10/15/2007	Nb-95	-7.00E-01	2.20E+00	8.20E+00
WG	SG-2	L13111-02	10/15/2007	Ru-103	-8.00E-01	2.00E+00	7.30E+00
WG	SG-2	L13111-02	10/15/2007	Ru-106	1.20E+01	1.40E+01	5.00E+01
WG	SG-2	L13111-02	10/15/2007	Sb-124	1.00E+00	4.30E+00	1.70E+01
WG	SG-2	L13111-02	10/15/2007	Sb-125	9.00E-01	4.70E+00	1.60E+01
WG	SG-2	L13111-02	10/15/2007	Se-75	1.30E+00	1.80E+00	6.10E+00
WG	SG-2	L13111-02	10/15/2007	Zn-65	0.00E+00	4.70E+00	1.70E+01
WG	SG-2	L13111-02	10/15/2007	Zr-95	4.10E+00	3.20E+00	1.10E+01
WG	SG-4	L13111-03	10/15/2007	AcTh-228	-1.10E+00	6.60E+00	2.40E+01
WG	SG-4	L13111-03	10/15/2007	Ag-108m	-1.00E-01	1.30E+00	4.50E+00
WG	SG-4	L13111-03	10/15/2007	Ag-110m	0.00E+00	2.20E+00	8.00E+00
WG	SG-4	L13111-03	10/15/2007	Ba-140	-1.60E+00	3.20E+00	1.20E+01
WG	SG-4	L13111-03	10/15/2007	Be-7	4.00E+00	1.20E+01	4.20E+01
WG	SG-4	L13111-03	10/15/2007	Ce-141	-9.00E-01	3.20E+00	1.10E+01
WG	SG-4	L13111-03	10/15/2007	Ce-144	8.40E+00	9.10E+00	3.10E+01
WG	SG-4	L13111-03	10/15/2007	Co-57	-5.00E-01	1.10E+00	4.00E+00
WG	SG-4	L13111-03	10/15/2007	Co-58	-2.00E-01	1.40E+00	5.10E+00
WG	SG-4	L13111-03	10/15/2007	Co-60	8.00E-01	1.80E+00	6.40E+00
WG	SG-4	L13111-03	10/15/2007	Cr-51	1.70E+01	1.50E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-4	L13111-03	10/15/2007	Cs-134	1.00E+00	1.70E+00	5.90E+00
WG	SG-4	L13111-03	10/15/2007	Cs-137	-2.70E+00	1.50E+00	6.00E+00
WG	SG-4	L13111-03	10/15/2007	Fe-59	3.50E+00	3.90E+00	1.30E+01
WG	SG-4	L13111-03	10/15/2007	GROSS ALPHA	3.10E-01	9.10E-01	3.50E+00
WG	SG-4	L13111-03	10/15/2007	GROSS BETA	1.23E+01	1.30E+00	2.80E+00 *
WG	SG-4	L13111-03	10/15/2007	I-131	2.10E+00	3.50E+00	1.20E+01
WG	SG-4	L13111-03	10/15/2007	K-40	-1.80E+01	2.20E+01	8.20E+01
WG	SG-4	L13111-03	10/15/2007	La-140	-1.60E+00	3.20E+00	1.20E+01
WG	SG-4	L13111-03	10/15/2007	Mn-54	9.00E-01	1.50E+00	5.10E+00
WG	SG-4	L13111-03	10/15/2007	Nb-95	6.00E-01	2.10E+00	7.20E+00
WG	SG-4	L13111-03	10/15/2007	Ru-103	-1.00E-01	1.80E+00	6.50E+00
WG	SG-4	L13111-03	10/15/2007	Ru-106	-2.00E+00	1.50E+01	5.30E+01
WG	SG-4	L13111-03	10/15/2007	Sb-124	-6.40E+00	3.80E+00	1.60E+01
WG	SG-4	L13111-03	10/15/2007	Sb-125	2.60E+00	3.80E+00	1.30E+01
WG	SG-4	L13111-03	10/15/2007	Se-75	1.60E+00	1.90E+00	6.30E+00
WG	SG-4	L13111-03	10/15/2007	Zn-65	3.00E-01	7.00E+00	2.40E+01
WG	SG-4	L13111-03	10/15/2007	Zr-95	-2.00E+00	2.80E+00	1.10E+01
WG	SG-5	L13111-04	10/15/2007	AcTh-228	-1.00E+00	7.40E+00	2.70E+01
WG	SG-5	L13111-04	10/15/2007	Ag-108m	3.00E-01	1.50E+00	5.30E+00
WG	SG-5	L13111-04	10/15/2007	Ag-110m	-2.00E+00	2.20E+00	8.50E+00
WG	SG-5	L13111-04	10/15/2007	Ba-140	6.00E-01	3.80E+00	1.40E+01
WG	SG-5	L13111-04	10/15/2007	Be-7	2.10E+01	1.60E+01	5.30E+01
WG	SG-5	L13111-04	10/15/2007	Ce-141	9.00E-01	3.00E+00	1.00E+01
WG	SG-5	L13111-04	10/15/2007	Ce-144	6.00E+00	1.00E+01	3.50E+01
WG	SG-5	L13111-04	10/15/2007	Co-57	-6.00E-01	1.40E+00	4.90E+00
WG	SG-5	L13111-04	10/15/2007	Co-58	-3.50E+00	2.00E+00	8.10E+00
WG	SG-5	L13111-04	10/15/2007	Co-60	-1.60E+00	2.20E+00	8.40E+00
WG	SG-5	L13111-04	10/15/2007	Cr-51	-4.60E+01	1.70E+01	6.70E+01
WG	SG-5	L13111-04	10/15/2007	Cs-134	-8.00E-01	2.00E+00	7.60E+00
WG	SG-5	L13111-04	10/15/2007	Cs-137	1.60E+00	2.00E+00	6.70E+00
WG	SG-5	L13111-04	10/15/2007	Fe-59	-2.00E-01	4.00E+00	1.50E+01
WG	SG-5	L13111-04	10/15/2007	GROSS ALPHA	1.00E-01	1.00E+00	3.70E+00
WG	SG-5	L13111-04	10/15/2007	GROSS BETA	2.28E+01	1.20E+00	2.40E+00 *
WG	SG-5	L13111-04	10/15/2007	I-131	2.20E+00	4.30E+00	1.50E+01
WG	SG-5	L13111-04	10/15/2007	K-40	-2.00E+01	2.60E+01	9.80E+01
WG	SG-5	L13111-04	10/15/2007	La-140	6.00E-01	3.80E+00	1.40E+01
WG	SG-5	L13111-04	10/15/2007	Mn-54	-7.00E-01	1.70E+00	6.50E+00
WG	SG-5	L13111-04	10/15/2007	Nb-95	5.00E-01	2.30E+00	8.10E+00
WG	SG-5	L13111-04	10/15/2007	Ru-103	-3.40E+00	1.90E+00	7.40E+00
WG	SG-5	L13111-04	10/15/2007	Ru-106	2.00E+00	1.60E+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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	SG-5	L13111-04	10/15/2007	Sb-124	-3.80E+00	4.40E+00	1.80E+01
WG	SG-5	L13111-04	10/15/2007	Sb-125	2.00E+00	4.60E+00	1.60E+01
WG	SG-5	L13111-04	10/15/2007	Se-75	-5.00E-01	2.20E+00	7.80E+00
WG	SG-5	L13111-04	10/15/2007	Zn-65	-1.60E+00	8.20E+00	2.90E+01
WG	SG-5	L13111-04	10/15/2007	Zr-95	2.60E+00	3.20E+00	1.10E+01
WG	EW-19	L13114-03	10/15/2007	H-3	4.00E+02	3.30E+02	1.00E+03
WG	95-11A	L13114-04	10/15/2007	H-3	7.30E+02	3.40E+02	1.00E+03
WG	OW-2	L13219-24	10/16/2007	H-3	1.78E+03	4.80E+02	1.30E+03 *
WG	OW-1	L13219-28	10/16/2007	H-3	9.20E+02	4.60E+02	1.30E+03
WG	OW-4	L13219-32	10/16/2007	H-3	5.00E+02	4.50E+02	1.30E+03
WG	EW-18	L13219-39	10/18/2007	H-3	1.70E+02	4.40E+02	1.30E+03
WG	OW-4	L13219-04	10/23/2007	H-3	2.26E+03	4.90E+02	1.30E+03 *
WG	OW-2	L13219-25	10/23/2007	H-3	1.73E+03	3.90E+02	1.10E+03 *
WG	OW-1	L13219-29	10/23/2007	H-3	8.90E+02	4.60E+02	1.30E+03
WG	W-4	L13318-11	10/26/2007	H-3	7.90E+02	4.70E+02	1.40E+03
WG	W-6	L13318-17	10/26/2007	H-3	1.10E+03	4.70E+02	1.30E+03
WG	W-5	L13471-33	10/26/2007	H-3	1.29E+03	4.80E+02	1.40E+03
WG	OW-1	L13318-01	10/30/2007	H-3	3.00E+01	4.50E+02	1.40E+03
WG	OW-4	L13318-06	10/30/2007	H-3	7.00E+01	4.50E+02	1.40E+03
WG	OW-2	L13471-23	10/30/2007	H-3	1.39E+03	4.80E+02	1.40E+03
WG	W-4	L13318-12	11/2/2007	H-3	8.80E+02	4.70E+02	1.40E+03
WG	W-6	L13318-18	11/2/2007	H-3	1.10E+03	4.60E+02	1.30E+03
WG	W-5	L13471-34	11/2/2007	H-3	6.10E+02	4.70E+02	1.40E+03
WG	OW-1	L13318-02	11/7/2007	H-3	1.28E+03	4.80E+02	1.40E+03
WG	OW-4	L13318-07	11/7/2007	H-3	7.20E+02	4.70E+02	1.40E+03
WG	OW-2	L13471-24	11/7/2007	H-3	2.18E+03	4.80E+02	1.30E+03 *
WG	W-4	L13318-13	11/8/2007	H-3	8.90E+02	4.60E+02	1.30E+03
WG	W-6	L13318-19	11/8/2007	H-3	1.03E+03	4.60E+02	1.30E+03
WG	W-5	L13471-16	11/8/2007	H-3	1.17E+03	4.70E+02	1.40E+03

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

## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	OW-1	L13318-03	11/13/2007	H-3	5.50E+02	4.60E+02	1.40E+03
WG	OW-4	L13318-08	11/13/2007	H-3	1.90E+02	4.60E+02	1.40E+03
WG	OW-2	L13471-25	11/13/2007	H-3	2.58E+03	5.00E+02	1.40E+03 *
WG	W-4	L13318-14	11/15/2007	H-3	9.80E+02	4.70E+02	1.30E+03
WG	W-6	L13318-20	11/15/2007	H-3	1.07E+03	4.70E+02	1.30E+03
WG	W-5	L13471-35	11/15/2007	H-3	1.35E+03	4.80E+02	1.40E+03
WG	OW-1	L13318-04	11/19/2007	H-3	1.50E+02	4.60E+02	1.30E+03
WG	OW-4	L13318-09	11/19/2007	H-3	3.90E+02	4.40E+02	1.30E+03
WG	OW-2	L13471-26	11/19/2007	H-3	2.44E+03	5.00E+02	1.40E+03 *
WG	W-4	L13318-15	11/20/2007	H-3	5.90E+02	4.50E+02	1.30E+03
WG	W-6	L13318-21	11/20/2007	H-3	7.90E+02	4.60E+02	1.30E+03
WG	W-5	L13471-36	11/20/2007	H-3	8.60E+02	4.70E+02	1.40E+03
WG	W-1	L13318-23	11/27/2007	H-3	1.90E+02	4.50E+02	1.30E+03
WG	W-2	L13318-24	11/27/2007	H-3	-1.40E+02	4.40E+02	1.30E+03
WG	W-3	L13318-25	11/27/2007	H-3	8.00E+01	4.40E+02	1.30E+03
WG	W-7	L13318-26	11/27/2007	H-3	2.00E+02	4.50E+02	1.30E+03
WG	W-8	L13318-27	11/27/2007	H-3	1.10E+02	4.50E+02	1.30E+03
WG	W-9	L13318-28	11/27/2007	H-3	-3.40E+02	4.40E+02	1.30E+03
WG	W-10	L13318-29	11/27/2007	H-3	2.20E+02	4.40E+02	1.30E+03
WG	W-11	L13318-30	11/27/2007	H-3	2.70E+02	4.40E+02	1.30E+03
WG	W-12	L13318-31	11/27/2007	H-3	3.00E+02	4.40E+02	1.30E+03
WG	W-13	L13318-32	11/27/2007	H-3	7.70E+02	4.60E+02	1.30E+03
WG	W-14	L13318-33	11/27/2007	H-3	2.40E+02	4.40E+02	1.30E+03
WG	MW-20	L13318-35	11/27/2007	H-3	4.20E+02	4.40E+02	1.30E+03
WG	MW-21	L13318-36	11/27/2007	H-3	1.20E+02	4.40E+02	1.30E+03
WG	EW-18	L13318-37	11/27/2007	H-3	7.00E+01	4.40E+02	1.30E+03
WG	OW-1	L13318-05	11/29/2007	H-3	6.10E+02	4.70E+02	1.40E+03
WG	OW-4	L13318-10	11/29/2007	H-3	3.00E+02	4.60E+02	1.40E+03

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



## Summary of 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	W-4	L13318-16	11/29/2007	H-3	7.90E+02	4.60E+02	1.30E+03
WG	W-6	L13318-22	11/29/2007	H-3	1.11E+03	4.60E+02	1.30E+03
WG	W-15	L13318-34	11/29/2007	H-3	-3.00E+01	4.50E+02	1.30E+03
WG	EW-19	L13318-38	11/29/2007	H-3	7.20E+02	4.50E+02	1.30E+03
WG	95-11A	L13318-39	11/29/2007	H-3	8.60E+02	4.60E+02	1.30E+03
WG	W-5	L13471-17	11/29/2007	H-3	9.80E+02	4.60E+02	1.30E+03
WG	OW-2	L13471-27	11/29/2007	H-3	1.88E+03	4.70E+02	1.30E+03 *
WG	OW-1	L13471-01	12/6/2007	H-3	7.80E+02	4.50E+02	1.30E+03
WG	OW-4	L13471-06	12/6/2007	H-3	4.40E+02	4.50E+02	1.30E+03
WG	W-4	L13471-11	12/6/2007	H-3	1.40E+03	4.70E+02	1.30E+03
WG	W-5	L13471-18	12/6/2007	H-3	1.35E+03	4.70E+02	1.30E+03
WG	W-6	L13471-19	12/6/2007	H-3	3.40E+02	4.60E+02	1.40E+03
WG	OW-2	L13471-28	12/6/2007	H-3	1.96E+03	4.90E+02	1.30E+03 *
WG	OW-1	L13471-02	12/14/2007	H-3	6.60E+02	4.60E+02	1.30E+03
WG	OW-4	L13471-07	12/14/2007	H-3	9.50E+02	4.50E+02	1.30E+03
WG	W-4	L13471-12	12/14/2007	H-3	1.22E+03	4.60E+02	1.30E+03
WG	W-6	L13471-20	12/14/2007	H-3	2.30E+02	4.60E+02	1.40E+03
WG	OW-2	L13471-29	12/14/2007	H-3	2.12E+03	4.80E+02	1.30E+03 *
WG	W-5	L13471-37	12/14/2007	H-3	8.50E+02	4.70E+02	1.40E+03
WG	OW-1	L13471-03	12/20/2007	H-3	3.30E+02	4.50E+02	1.30E+03
WG	OW-4	L13471-08	12/20/2007	H-3	5.10E+02	4.40E+02	1.30E+03
WG	W-4	L13471-13	12/20/2007	H-3	5.50E+02	4.60E+02	1.30E+03
WG	W-6	L13471-21	12/20/2007	H-3	6.40E+02	4.60E+02	1.30E+03
WG	OW-2	L13471-30	12/20/2007	H-3	1.96E+03	4.80E+02	1.30E+03 *
WG	W-5	L13471-38	12/20/2007	H-3	1.87E+03	4.90E+02	1.40E+03 *
WG	OW-1	L13471-04	12/28/2007	H-3	4.40E+02	4.50E+02	1.30E+03
WG	OW-4	L13471-09	12/28/2007	H-3	4.20E+02	4.50E+02	1.30E+03
WG	W-4	L13471-14	12/28/2007	H-3	7.00E+02	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 2007 Data

## ADDITIONAL NON-ODCM REQUIRED GROUND WATER SAMPLES

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WG	OW-2	L13471-31	12/28/2007	H-3	1.76E+03	4.80E+02	1.30E+03 *
WG	W-5	L13471-39	12/28/2007	H-3	1.41E+03	4.70E+02	1.30E+03
WG	W-6	L13471-41	12/28/2007	H-3	7.80E+02	4.60E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-2	L11985-01	1/15/2007	AcTh-228	4.80E+00	4.30E+00	1.40E+01
WS	SWL-2	L11985-01	1/15/2007	Ag-108m	1.40E+00	1.10E+00	3.70E+00
WS	SWL-2	L11985-01	1/15/2007	Ag-110m	6.00E-01	1.70E+00	5.90E+00
WS	SWL-2	L11985-01	1/15/2007	Ba-140	5.00E-01	3.10E+00	1.10E+01
WS	SWL-2	L11985-01	1/15/2007	Be-7	5.00E+00	1.20E+01	4.20E+01
WS	SWL-2	L11985-01	1/15/2007	Ce-141	1.00E+00	2.60E+00	8.70E+00
WS	SWL-2	L11985-01	1/15/2007	Ce-144	7.40E+00	7.50E+00	2.50E+01
WS	SWL-2	L11985-01	1/15/2007	Co-57	1.50E-01	8.60E-01	2.90E+00
WS	SWL-2	L11985-01	1/15/2007	Co-58	1.00E+00	1.40E+00	4.70E+00
WS	SWL-2	L11985-01	1/15/2007	Co-60	2.00E-01	1.10E+00	4.10E+00
WS	SWL-2	L11985-01	1/15/2007	Cr-51	-2.10E+01	1.60E+01	5.70E+01
WS	SWL-2	L11985-01	1/15/2007	Cs-134	-5.00E-01	1.30E+00	4.80E+00
WS	SWL-2	L11985-01	1/15/2007	Cs-137	2.00E-01	1.10E+00	4.00E+00
WS	SWL-2	L11985-01	1/15/2007	Fe-59	2.10E+00	3.00E+00	1.40E+01
WS	SWL-2	L11985-01	1/15/2007	I-131	-6.70E+00	6.60E+00	2.40E+01
WS	SWL-2	L11985-01	1/15/2007	K-40	2.40E+01	1.80E+01	6.00E+01
WS	SWL-2	L11985-01	1/15/2007	La-140	6.00E-01	3.50E+00	1.30E+01
WS	SWL-2	L11985-01	1/15/2007	Mn-54	0.00E+00	1.30E+00	4.60E+00
WS	SWL-2	L11985-01	1/15/2007	Nb-95	-3.00E+00	1.70E+00	6.30E+00
WS	SWL-2	L11985-01	1/15/2007	Ru-103	-3.80E+00	1.70E+00	6.40E+00
WS	SWL-2	L11985-01	1/15/2007	Ru-106	-1.50E+01	1.20E+01	4.40E+01
WS	SWL-2	L11985-01	1/15/2007	Sb-124	5.00E-01	3.00E+00	1.10E+01
WS	SWL-2	L11985-01	1/15/2007	Sb-125	-1.60E+00	2.90E+00	1.00E+01
WS	SWL-2	L11985-01	1/15/2007	Se-75	-1.00E+00	1.60E+00	5.50E+00
WS	SWL-2	L11985-01	1/15/2007	Zn-65	-5.00E+00	2.50E+00	1.00E+01
WS	SWL-2	L11985-01	1/15/2007	Zr-95	-1.30E+00	2.50E+00	9.10E+00
WS	SWL-3	L11985-02	1/15/2007	AcTh-228	3.80E+00	5.50E+00	1.90E+01
WS	SWL-3	L11985-02	1/15/2007	Ag-108m	1.13E+00	9.20E-01	3.10E+00
WS	SWL-3	L11985-02	1/15/2007	Ag-110m	6.00E-01	1.70E+00	5.80E+00
WS	SWL-3	L11985-02	1/15/2007	Ba-140	5.00E-01	3.00E+00	1.10E+01
WS	SWL-3	L11985-02	1/15/2007	Be-7	1.10E+01	1.00E+01	3.50E+01
WS	SWL-3	L11985-02	1/15/2007	Ce-141	1.80E+00	2.40E+00	7.90E+00
WS	SWL-3	L11985-02	1/15/2007	Ce-144	-9.00E-01	6.80E+00	2.30E+01
WS	SWL-3	L11985-02	1/15/2007	Co-57	1.00E-01	8.10E-01	2.70E+00
WS	SWL-3	L11985-02	1/15/2007	Co-58	-8.00E-01	1.20E+00	4.40E+00
WS	SWL-3	L11985-02	1/15/2007	Co-60	-4.00E-01	1.10E+00	4.10E+00
WS	SWL-3	L11985-02	1/15/2007	Cr-51	-4.00E+00	1.40E+01	5.00E+01
WS	SWL-3	L11985-02	1/15/2007	Cs-134	2.60E+00	1.30E+00	4.00E+00
WS	SWL-3	L11985-02	1/15/2007	Cs-137	-2.80E+00	1.10E+00	4.30E+00
WS	SWL-3	L11985-02	1/15/2007	Fe-59	5.50E+00	3.00E+00	9.70E+00
WS	SWL-3	L11985-02	1/15/2007	I-131	-8.00E+00	6.50E+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 2007 Data

SAMPLE		LSN	REFERENCE		CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TYPE	STATION		DATE	NUCLIDE			
WS	SWL-3	L11985-02	1/15/2007	K-40	1.10E+01	1.90E+01	6.60E+01
WS	SWL-3	L11985-02	1/15/2007	La-140	5.00E-01	3.50E+00	1.30E+01
WS	SWL-3	L11985-02	1/15/2007	Mn-54	-2.50E+00	1.10E+00	4.40E+00
WS	SWL-3	L11985-02	1/15/2007	Nb-95	6.00E-01	1.80E+00	6.10E+00
WS	SWL-3	L11985-02	1/15/2007	Ru-103	-7.00E-01	1.70E+00	5.90E+00
WS	SWL-3	L11985-02	1/15/2007	Ru-106	2.00E+01	1.00E+01	3.20E+01
WS	SWL-3	L11985-02	1/15/2007	Sb-124	-1.70E+00	2.80E+00	1.10E+01
WS	SWL-3	L11985-02	1/15/2007	Sb-125	1.00E+00	3.00E+00	1.00E+01
WS	SWL-3	L11985-02	1/15/2007	Se-75	-6.00E-01	1.50E+00	5.30E+00
WS	SWL-3	L11985-02	1/15/2007	Zn-65	-1.00E+00	2.70E+00	9.70E+00
WS	SWL-3	L11985-02	1/15/2007	Zr-95	3.50E+00	2.40E+00	7.80E+00
WS	SWL-2	L12246-01	3/16/2007	AcTh-228	7.10E+00	3.20E+00	1.00E+01
WS	SWL-2	L12246-01	3/16/2007	Ag-108m	-1.20E-01	6.60E-01	2.30E+00
WS	SWL-2	L12246-01	3/16/2007	Ag-110m	-2.00E-01	1.00E+00	3.70E+00
WS	SWL-2	L12246-01	3/16/2007	Ba-140	3.40E+00	3.00E+00	9.90E+00
WS	SWL-2	L12246-01	3/16/2007	Be-7	-3.00E-01	8.30E+00	2.80E+01
WS	SWL-2	L12246-01	3/16/2007	Ce-141	-3.20E+00	2.40E+00	8.10E+00
WS	SWL-2	L12246-01	3/16/2007	Ce-144	-7.00E-01	4.50E+00	1.50E+01
WS	SWL-2	L12246-01	3/16/2007	Co-57	1.58E+00	5.80E-01	1.90E+00
WS	SWL-2	L12246-01	3/16/2007	Co-58	-3.50E-01	9.90E-01	3.50E+00
WS	SWL-2	L12246-01	3/16/2007	Co-60	-4.00E-01	7.60E-01	2.70E+00
WS	SWL-2	L12246-01	3/16/2007	Cr-51	-1.00E+00	1.10E+01	3.70E+01
WS	SWL-2	L12246-01	3/16/2007	Cs-134	4.30E-01	8.40E-01	2.90E+00
WS	SWL-2	L12246-01	3/16/2007	Cs-137	6.40E-01	7.70E-01	2.60E+00
WS	SWL-2	L12246-01	3/16/2007	Fe-59	0.00E+00	2.20E+00	7.60E+00
WS	SWL-2	L12246-01	3/16/2007	I-131	7.90E+00	6.30E+00	2.10E+01
WS	SWL-2	L12246-01	3/16/2007	K-40	-1.00E+00	1.20E+01	4.10E+01
WS	SWL-2	L12246-01	3/16/2007	La-140	3.90E+00	3.40E+00	1.10E+01
WS	SWL-2	L12246-01	3/16/2007	Mn-54	6.40E-01	7.80E-01	2.60E+00
WS	SWL-2	L12246-01	3/16/2007	Nb-95	-5.00E-01	1.10E+00	3.90E+00
WS	SWL-2	L12246-01	3/16/2007	Ru-103	-1.60E+00	1.00E+00	3.60E+00
WS	SWL-2	L12246-01	3/16/2007	Ru-106	2.80E+00	7.60E+00	2.60E+01
WS	SWL-2	L12246-01	3/16/2007	Sb-124	-2.90E+00	2.20E+00	8.40E+00
WS	SWL-2	L12246-01	3/16/2007	Sb-125	3.20E+00	2.10E+00	7.00E+00
WS	SWL-2	L12246-01	3/16/2007	Se-75	-6.90E-01	9.30E-01	3.20E+00
WS	SWL-2	L12246-01	3/16/2007	Zn-65	-3.20E+00	1.80E+00	6.50E+00
WS	SWL-2	L12246-01	3/16/2007	Zr-95	2.00E+00	1.70E+00	5.50E+00
WS	SWL-3	L12246-02	3/16/2007	AcTh-228	1.50E+00	3.20E+00	1.10E+01
WS	SWL-3	L12246-02	3/16/2007	Ag-108m	-1.59E+00	7.40E-01	2.70E+00
WS	SWL-3	L12246-02	3/16/2007	Ag-110m	1.90E+00	1.20E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-3	L12246-02	3/16/2007	Ba-140	-5.30E+00	3.20E+00	1.20E+01
WS	SWL-3	L12246-02	3/16/2007	Be-7	8.10E+00	8.60E+00	2.90E+01
WS	SWL-3	L12246-02	3/16/2007	Ce-141	2.00E-01	1.80E+00	5.90E+00
WS	SWL-3	L12246-02	3/16/2007	Ce-144	1.10E+00	4.80E+00	1.60E+01
WS	SWL-3	L12246-02	3/16/2007	Co-57	2.50E-01	6.30E-01	2.10E+00
WS	SWL-3	L12246-02	3/16/2007	Co-58	1.24E+00	9.00E-01	3.00E+00
WS	SWL-3	L12246-02	3/16/2007	Co-60	8.00E-02	8.20E-01	2.90E+00
WS	SWL-3	L12246-02	3/16/2007	Cr-51	-2.10E+01	1.20E+01	4.10E+01
WS	SWL-3	L12246-02	3/16/2007	Cs-134	-4.80E-01	9.00E-01	3.20E+00
WS	SWL-3	L12246-02	3/16/2007	Cs-137	-5.60E-01	8.80E-01	3.10E+00
WS	SWL-3	L12246-02	3/16/2007	Fe-59	2.10E+00	2.20E+00	7.40E+00
WS	SWL-3	L12246-02	3/16/2007	I-131	6.00E-01	6.10E+00	2.10E+01
WS	SWL-3	L12246-02	3/16/2007	K-40	-1.50E+01	1.40E+01	4.90E+01
WS	SWL-3	L12246-02	3/16/2007	La-140	-6.10E+00	3.70E+00	1.40E+01
WS	SWL-3	L12246-02	3/16/2007	Mn-54	-3.30E-01	8.20E-01	2.90E+00
WS	SWL-3	L12246-02	3/16/2007	Nb-95	1.30E+00	1.20E+00	3.90E+00
WS	SWL-3	L12246-02	3/16/2007	Ru-103	-6.00E-01	1.10E+00	3.80E+00
WS	SWL-3	L12246-02	3/16/2007	Ru-106	6.70E+00	7.80E+00	2.60E+01
WS	SWL-3	L12246-02	3/16/2007	Sb-124	-1.90E+00	2.20E+00	8.30E+00
WS	SWL-3	L12246-02	3/16/2007	Sb-125	-3.00E+00	2.30E+00	8.20E+00
WS	SWL-3	L12246-02	3/16/2007	Se-75	-1.80E+00	1.00E+00	3.60E+00
WS	SWL-3	L12246-02	3/16/2007	Zn-65	-2.10E+00	1.90E+00	7.00E+00
WS	SWL-3	L12246-02	3/16/2007	Zr-95	1.60E+00	1.60E+00	5.30E+00
WS	SWL-2	L12246-03	2/15/2007	H-3	4.00E+02	4.50E+02	1.30E+03
WS	SWL-3	L12246-04	2/15/2007	H-3	2.50E+02	4.50E+02	1.30E+03
WS	SWL-2	L12358-01	4/16/2007	AcTh-228	9.40E+00	3.50E+00	1.10E+01
WS	SWL-2	L12358-01	4/16/2007	Ag-108m	-2.00E-01	7.90E-01	2.70E+00
WS	SWL-2	L12358-01	4/16/2007	Ag-110m	-1.90E+00	1.30E+00	4.80E+00
WS	SWL-2	L12358-01	4/16/2007	Ba-140	1.30E+00	2.20E+00	7.50E+00
WS	SWL-2	L12358-01	4/16/2007	Be-7	3.50E+00	9.60E+00	3.30E+01
WS	SWL-2	L12358-01	4/16/2007	Ce-141	-3.20E+00	2.70E+00	9.30E+00
WS	SWL-2	L12358-01	4/16/2007	Ce-144	-9.10E+00	5.30E+00	1.90E+01
WS	SWL-2	L12358-01	4/16/2007	Co-57	-7.60E-01	6.70E-01	2.30E+00
WS	SWL-2	L12358-01	4/16/2007	Co-58	1.60E-01	9.90E-01	3.40E+00
WS	SWL-2	L12358-01	4/16/2007	Co-60	-3.80E-01	9.90E-01	3.60E+00
WS	SWL-2	L12358-01	4/16/2007	Cr-51	-2.30E+01	1.10E+01	4.10E+01
WS	SWL-2	L12358-01	4/16/2007	Cs-134	2.00E+00	1.10E+00	3.70E+00
WS	SWL-2	L12358-01	4/16/2007	Cs-137	-6.00E-02	9.50E-01	3.30E+00
WS	SWL-2	L12358-01	4/16/2007	Fe-59	-2.40E+00	2.40E+00	8.70E+00
WS	SWL-2	L12358-01	4/16/2007	I-131	-4.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-2	L12358-01	4/16/2007	K-40	1.70E+01	1.70E+01	5.70E+01
WS	SWL-2	L12358-01	4/16/2007	La-140	1.40E+00	2.50E+00	8.60E+00
WS	SWL-2	L12358-01	4/16/2007	Mn-54	8.00E-01	9.90E-01	3.40E+00
WS	SWL-2	L12358-01	4/16/2007	Nb-95	6.00E-01	1.20E+00	4.30E+00
WS	SWL-2	L12358-01	4/16/2007	Ru-103	-3.00E-01	1.20E+00	4.30E+00
WS	SWL-2	L12358-01	4/16/2007	Ru-106	-2.60E+00	8.70E+00	3.10E+01
WS	SWL-2	L12358-01	4/16/2007	Sb-124	3.00E-01	2.50E+00	9.00E+00
WS	SWL-2	L12358-01	4/16/2007	Sb-125	-3.60E+00	2.30E+00	8.50E+00
WS	SWL-2	L12358-01	4/16/2007	Se-75	5.00E-01	1.30E+00	4.30E+00
WS	SWL-2	L12358-01	4/16/2007	Zn-65	5.10E+00	2.10E+00	6.50E+00
WS	SWL-2	L12358-01	4/16/2007	Zr-95	3.70E+00	1.90E+00	6.20E+00
WS	SWL-3	L12358-02	4/16/2007	AcTh-228	2.00E-01	4.60E+00	1.60E+01
WS	SWL-3	L12358-02	4/16/2007	Ag-108m	1.60E+00	7.60E-01	2.50E+00
WS	SWL-3	L12358-02	4/16/2007	Ag-110m	0.00E+00	1.30E+00	4.60E+00
WS	SWL-3	L12358-02	4/16/2007	Ba-140	5.00E-01	2.30E+00	8.20E+00
WS	SWL-3	L12358-02	4/16/2007	Be-7	8.70E+00	8.10E+00	2.70E+01
WS	SWL-3	L12358-02	4/16/2007	Ce-141	1.00E+00	1.80E+00	6.20E+00
WS	SWL-3	L12358-02	4/16/2007	Ce-144	8.00E-01	5.20E+00	1.80E+01
WS	SWL-3	L12358-02	4/16/2007	Co-57	4.60E-01	6.90E-01	2.30E+00
WS	SWL-3	L12358-02	4/16/2007	Co-58	-1.00E+00	1.10E+00	3.80E+00
WS	SWL-3	L12358-02	4/16/2007	Co-60	5.60E-01	9.60E-01	3.30E+00
WS	SWL-3	L12358-02	4/16/2007	Cr-51	1.30E+01	1.10E+01	3.50E+01
WS	SWL-3	L12358-02	4/16/2007	Cs-134	-9.70E-01	9.70E-01	3.50E+00
WS	SWL-3	L12358-02	4/16/2007	Cs-137	-7.40E-01	8.60E-01	3.10E+00
WS	SWL-3	L12358-02	4/16/2007	Fe-59	3.90E+00	2.30E+00	7.40E+00
WS	SWL-3	L12358-02	4/16/2007	I-131	-2.20E+00	3.50E+00	1.20E+01
WS	SWL-3	L12358-02	4/16/2007	K-40	4.00E+00	1.50E+01	5.10E+01
WS	SWL-3	L12358-02	4/16/2007	La-140	6.00E-01	2.70E+00	9.50E+00
WS	SWL-3	L12358-02	4/16/2007	Mn-54	1.36E+00	9.70E-01	3.20E+00
WS	SWL-3	L12358-02	4/16/2007	Nb-95	-5.00E-01	1.40E+00	4.80E+00
WS	SWL-3	L12358-02	4/16/2007	Ru-103	0.00E+00	1.30E+00	4.30E+00
WS	SWL-3	L12358-02	4/16/2007	Ru-106	-9.30E+00	8.80E+00	3.10E+01
WS	SWL-3	L12358-02	4/16/2007	Sb-124	-6.00E-01	2.50E+00	9.20E+00
WS	SWL-3	L12358-02	4/16/2007	Sb-125	-1.20E+00	2.20E+00	7.80E+00
WS	SWL-3	L12358-02	4/16/2007	Se-75	-1.50E+00	1.20E+00	4.20E+00
WS	SWL-3	L12358-02	4/16/2007	Zn-65	2.80E+00	2.20E+00	7.50E+00
WS	SWL-3	L12358-02	4/16/2007	Zr-95	-2.00E+00	1.90E+00	6.70E+00
WS	SWL-2	L12489-01	5/16/2007	AcTh-228	-2.00E-01	4.50E+00	1.60E+01
WS	SWL-2	L12489-01	5/16/2007	Ag-108m	-3.90E-01	8.10E-01	2.80E+00
WS	SWL-2	L12489-01	5/16/2007	Ag-110m	4.00E-01	1.30E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-2	L12489-01	5/16/2007	Ba-140	-3.90E+00	2.90E+00	1.10E+01
WS	SWL-2	L12489-01	5/16/2007	Be-7	1.30E+01	1.00E+01	3.30E+01
WS	SWL-2	L12489-01	5/16/2007	Ce-141	1.00E+00	2.30E+00	7.80E+00
WS	SWL-2	L12489-01	5/16/2007	Ce-144	-5.00E+00	5.40E+00	1.90E+01
WS	SWL-2	L12489-01	5/16/2007	Co-57	-4.00E-02	7.00E-01	2.40E+00
WS	SWL-2	L12489-01	5/16/2007	Co-58	-9.00E-01	1.20E+00	4.20E+00
WS	SWL-2	L12489-01	5/16/2007	Co-60	3.00E-01	1.00E+00	3.70E+00
WS	SWL-2	L12489-01	5/16/2007	Cr-51	4.00E+00	1.20E+01	4.20E+01
WS	SWL-2	L12489-01	5/16/2007	Cs-134	-6.00E-01	1.10E+00	3.80E+00
WS	SWL-2	L12489-01	5/16/2007	Cs-137	-4.90E-01	9.60E-01	3.40E+00
WS	SWL-2	L12489-01	5/16/2007	Fe-59	1.90E+00	2.50E+00	8.60E+00
WS	SWL-2	L12489-01	5/16/2007	I-131	-6.00E-01	5.50E+00	1.90E+01
WS	SWL-2	L12489-01	5/16/2007	K-40	-8.00E+00	1.80E+01	6.10E+01
WS	SWL-2	L12489-01	5/16/2007	La-140	-4.50E+00	3.40E+00	1.30E+01
WS	SWL-2	L12489-01	5/16/2007	Mn-54	1.47E+00	9.50E-01	3.10E+00
WS	SWL-2	L12489-01	5/16/2007	Nb-95	-2.00E-01	1.40E+00	4.80E+00
WS	SWL-2	L12489-01	5/16/2007	Ru-103	-1.80E+00	1.40E+00	4.90E+00
WS	SWL-2	L12489-01	5/16/2007	Ru-106	4.60E+00	9.30E+00	3.20E+01
WS	SWL-2	L12489-01	5/16/2007	Sb-124	0.00E+00	2.80E+00	1.00E+01
WS	SWL-2	L12489-01	5/16/2007	Sb-125	3.00E-01	2.50E+00	8.70E+00
WS	SWL-2	L12489-01	5/16/2007	Se-75	-1.90E+00	1.30E+00	4.60E+00
WS	SWL-2	L12489-01	5/16/2007	Zn-65	-3.60E+00	2.30E+00	8.60E+00
WS	SWL-2	L12489-01	5/16/2007	Zr-95	-1.90E+00	2.00E+00	7.10E+00
WS	SWL-3	L12489-02	5/16/2007	AcTh-228	2.60E+00	5.60E+00	1.90E+01
WS	SWL-3	L12489-02	5/16/2007	Ag-108m	1.30E+00	7.90E-01	2.60E+00
WS	SWL-3	L12489-02	5/16/2007	Ag-110m	-1.10E+00	1.40E+00	5.00E+00
WS	SWL-3	L12489-02	5/16/2007	Ba-140	-4.50E+00	3.30E+00	1.30E+01
WS	SWL-3	L12489-02	5/16/2007	Be-7	6.20E+00	9.40E+00	3.20E+01
WS	SWL-3	L12489-02	5/16/2007	Ce-141	4.00E-01	2.30E+00	7.70E+00
WS	SWL-3	L12489-02	5/16/2007	Ce-144	1.10E+00	4.90E+00	1.60E+01
WS	SWL-3	L12489-02	5/16/2007	Co-57	-4.50E-01	6.20E-01	2.10E+00
WS	SWL-3	L12489-02	5/16/2007	Co-58	-6.00E-01	1.20E+00	4.10E+00
WS	SWL-3	L12489-02	5/16/2007	Co-60	3.00E-01	1.20E+00	4.00E+00
WS	SWL-3	L12489-02	5/16/2007	Cr-51	6.00E+00	1.00E+01	3.50E+01
WS	SWL-3	L12489-02	5/16/2007	Cs-134	2.50E+00	1.10E+00	3.50E+00
WS	SWL-3	L12489-02	5/16/2007	Cs-137	-1.23E+00	9.50E-01	3.40E+00
WS	SWL-3	L12489-02	5/16/2007	Fe-59	1.10E+00	2.70E+00	9.20E+00
WS	SWL-3	L12489-02	5/16/2007	I-131	-4.10E+00	4.70E+00	1.60E+01
WS	SWL-3	L12489-02	5/16/2007	K-40	-6.00E+00	2.00E+01	7.00E+01
WS	SWL-3	L12489-02	5/16/2007	La-140	-5.20E+00	3.80E+00	1.50E+01
WS	SWL-3	L12489-02	5/16/2007	Mn-54	-1.39E+00	9.70E-01	3.50E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-3	L12489-02	5/16/2007	Nb-95	4.00E-01	1.50E+00	5.20E+00
WS	SWL-3	L12489-02	5/16/2007	Ru-103	3.00E-01	1.30E+00	4.50E+00
WS	SWL-3	L12489-02	5/16/2007	Ru-106	1.54E+01	8.60E+00	2.80E+01
WS	SWL-3	L12489-02	5/16/2007	Sb-124	-1.00E+00	3.00E+00	1.10E+01
WS	SWL-3	L12489-02	5/16/2007	Sb-125	1.30E+00	2.40E+00	8.00E+00
WS	SWL-3	L12489-02	5/16/2007	Se-75	-6.00E-01	1.00E+00	3.60E+00
WS	SWL-3	L12489-02	5/16/2007	Zn-65	-3.80E+00	2.20E+00	8.10E+00
WS	SWL-3	L12489-02	5/16/2007	Zr-95	-9.00E-01	2.10E+00	7.50E+00
WS	SWL-2	L12636-03	5/16/2007	H-3	9.50E+02	4.20E+02	1.20E+03
WS	SWL-3	L12636-04	5/16/2007	H-3	4.10E+02	4.20E+02	1.20E+03
WS	SWL-2	L12636-01	6/16/2007	AcTh-228	1.00E-01	1.80E+00	6.00E+00
WS	SWL-2	L12636-01	6/16/2007	Ag-108m	-3.30E-01	3.20E-01	1.10E+00
WS	SWL-2	L12636-01	6/16/2007	Ag-110m	-7.10E-01	4.60E-01	1.70E+00
WS	SWL-2	L12636-01	6/16/2007	Ba-140	7.00E-01	1.70E+00	5.90E+00
WS	SWL-2	L12636-01	6/16/2007	Be-7	-7.90E+00	4.20E+00	1.50E+01
WS	SWL-2	L12636-01	6/16/2007	Ce-141	1.20E+00	1.10E+00	3.60E+00
WS	SWL-2	L12636-01	6/16/2007	Ce-144	3.40E+00	2.60E+00	8.70E+00
WS	SWL-2	L12636-01	6/16/2007	Co-57	4.70E-01	3.40E-01	1.10E+00
WS	SWL-2	L12636-01	6/16/2007	Co-58	4.80E-01	4.40E-01	1.50E+00
WS	SWL-2	L12636-01	6/16/2007	Co-60	6.70E-01	3.80E-01	1.20E+00
WS	SWL-2	L12636-01	6/16/2007	Cr-51	-3.90E+00	6.00E+00	2.00E+01
WS	SWL-2	L12636-01	6/16/2007	Cs-134	8.80E-01	3.90E-01	1.20E+00
WS	SWL-2	L12636-01	6/16/2007	Cs-137	3.70E-01	3.70E-01	1.20E+00
WS	SWL-2	L12636-01	6/16/2007	Fe-59	8.00E-01	1.20E+00	3.90E+00
WS	SWL-2	L12636-01	6/16/2007	I-131	-4.00E+00	3.90E+00	1.40E+01
WS	SWL-2	L12636-01	6/16/2007	K-40	-2.70E+00	5.70E+00	2.00E+01
WS	SWL-2	L12636-01	6/16/2007	La-140	8.00E-01	2.00E+00	6.80E+00
WS	SWL-2	L12636-01	6/16/2007	Mn-54	3.70E-01	3.40E-01	1.10E+00
WS	SWL-2	L12636-01	6/16/2007	Nb-95	-3.90E-01	6.70E-01	2.30E+00
WS	SWL-2	L12636-01	6/16/2007	Ru-103	-2.10E-01	8.70E-01	2.90E+00
WS	SWL-2	L12636-01	6/16/2007	Ru-106	2.10E+00	3.60E+00	1.20E+01
WS	SWL-2	L12636-01	6/16/2007	Sb-124	-9.00E-01	1.20E+00	4.10E+00
WS	SWL-2	L12636-01	6/16/2007	Sb-125	2.30E+00	1.00E+00	5.70E+00
WS	SWL-2	L12636-01	6/16/2007	Se-75	-3.30E-01	5.10E-01	1.80E+00
WS	SWL-2	L12636-01	6/16/2007	Zn-65	-5.50E-01	7.80E-01	2.70E+00
WS	SWL-2	L12636-01	6/16/2007	Zr-95	1.01E+00	7.90E-01	2.60E+00
WS	SWL-3	L12636-02	6/16/2007	AcTh-228	-1.00E-01	2.40E+00	8.50E+00
WS	SWL-3	L12636-02	6/16/2007	Ag-108m	9.00E-02	4.90E-01	1.70E+00
WS	SWL-3	L12636-02	6/16/2007	Ag-110m	-2.50E-01	8.50E-01	3.00E+00
WS	SWL-3	L12636-02	6/16/2007	Ba-140	-6.60E+00	3.20E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-3	L12636-02	6/16/2007	Be-7	1.50E+01	8.00E+00	2.60E+01
WS	SWL-3	L12636-02	6/16/2007	Ce-141	-7.00E-01	1.80E+00	6.20E+00
WS	SWL-3	L12636-02	6/16/2007	Ce-144	2.20E+00	3.70E+00	1.20E+01
WS	SWL-3	L12636-02	6/16/2007	Co-57	-3.50E-01	4.80E-01	1.60E+00
WS	SWL-3	L12636-02	6/16/2007	Co-58	-2.20E-01	7.60E-01	2.70E+00
WS	SWL-3	L12636-02	6/16/2007	Co-60	-6.10E-01	6.30E-01	2.40E+00
WS	SWL-3	L12636-02	6/16/2007	Cr-51	-2.80E+00	8.60E+00	3.00E+01
WS	SWL-3	L12636-02	6/16/2007	Cs-134	-9.00E-01	6.90E-01	2.50E+00
WS	SWL-3	L12636-02	6/16/2007	Cs-137	-5.20E-01	5.70E-01	2.10E+00
WS	SWL-3	L12636-02	6/16/2007	Fe-59	-1.40E+00	1.80E+00	6.80E+00
WS	SWL-3	L12636-02	6/16/2007	I-131	-1.35E+01	6.80E+00	2.50E+01
WS	SWL-3	L12636-02	6/16/2007	K-40	-4.20E+00	9.70E+00	3.40E+01
WS	SWL-3	L12636-02	6/16/2007	La-140	-7.50E+00	3.70E+00	1.50E+01
WS	SWL-3	L12636-02	6/16/2007	Mn-54	-9.30E-01	5.90E-01	2.20E+00
WS	SWL-3	L12636-02	6/16/2007	Nb-95	5.00E-01	1.10E+00	3.80E+00
WS	SWL-3	L12636-02	6/16/2007	Ru-103	-1.20E-01	9.30E-01	3.20E+00
WS	SWL-3	L12636-02	6/16/2007	Ru-106	7.80E+00	5.20E+00	1.70E+01
WS	SWL-3	L12636-02	6/16/2007	Sb-124	0.00E+00	2.20E+00	8.00E+00
WS	SWL-3	L12636-02	6/16/2007	Sb-125	3.20E+00	1.60E+00	5.10E+00
WS	SWL-3	L12636-02	6/16/2007	Se-75	7.50E-01	7.40E-01	2.50E+00
WS	SWL-3	L12636-02	6/16/2007	Zn-65	2.10E+00	1.40E+00	4.50E+00
WS	SWL-3	L12636-02	6/16/2007	Zr-95	-1.50E+00	1.40E+00	5.10E+00
WS	SWL-2	L12751-01	7/16/2007	AcTh-228	1.32E+01	5.90E+00	1.90E+01
WS	SWL-2	L12751-01	7/16/2007	Ag-108m	-5.70E-01	8.10E-01	2.80E+00
WS	SWL-2	L12751-01	7/16/2007	Ag-110m	0.00E+00	1.40E+00	4.90E+00
WS	SWL-2	L12751-01	7/16/2007	Ba-140	-4.50E+00	3.40E+00	1.30E+01
WS	SWL-2	L12751-01	7/16/2007	Be-7	1.00E+01	9.10E+00	3.00E+01
WS	SWL-2	L12751-01	7/16/2007	Ce-141	-5.00E-01	1.90E+00	6.40E+00
WS	SWL-2	L12751-01	7/16/2007	Ce-144	3.80E+00	4.80E+00	1.60E+01
WS	SWL-2	L12751-01	7/16/2007	Co-57	-6.40E-01	6.20E-01	2.10E+00
WS	SWL-2	L12751-01	7/16/2007	Co-58	-1.50E+00	1.20E+00	4.20E+00
WS	SWL-2	L12751-01	7/16/2007	Co-60	1.60E+00	1.10E+00	3.70E+00
WS	SWL-2	L12751-01	7/16/2007	Cr-51	-1.00E+00	1.00E+01	3.60E+01
WS	SWL-2	L12751-01	7/16/2007	Cs-134	-2.20E+00	1.10E+00	4.10E+00
WS	SWL-2	L12751-01	7/16/2007	Cs-137	-7.50E-01	9.10E-01	3.20E+00
WS	SWL-2	L12751-01	7/16/2007	Fe-59	-1.40E+00	2.60E+00	9.30E+00
WS	SWL-2	L12751-01	7/16/2007	I-131	4.30E+00	4.70E+00	1.60E+01
WS	SWL-2	L12751-01	7/16/2007	K-40	-5.00E+00	2.10E+01	7.10E+01
WS	SWL-2	L12751-01	7/16/2007	La-140	-5.20E+00	3.90E+00	1.50E+01
WS	SWL-2	L12751-01	7/16/2007	Mn-54	0.00E+00	1.00E+00	3.50E+00
WS	SWL-2	L12751-01	7/16/2007	Nb-95	2.00E+00	1.40E+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 2007 Data

SAMPLE		LSN	REFERENCE		CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TYPE	STATION		DATE	NUCLIDE			
WS	SWL-2	L12751-01	7/16/2007	Ru-103	-2.40E+00	1.20E+00	4.40E+00
WS	SWL-2	L12751-01	7/16/2007	Ru-106	6.40E+00	8.20E+00	2.80E+01
WS	SWL-2	L12751-01	7/16/2007	Sb-124	2.20E+00	2.70E+00	9.40E+00
WS	SWL-2	L12751-01	7/16/2007	Sb-125	-1.40E+00	2.50E+00	8.60E+00
WS	SWL-2	L12751-01	7/16/2007	Se-75	-3.00E-01	1.10E+00	3.70E+00
WS	SWL-2	L12751-01	7/16/2007	Zn-65	9.00E-01	2.40E+00	8.10E+00
WS	SWL-2	L12751-01	7/16/2007	Zr-95	1.20E+00	2.10E+00	7.10E+00
WS	SWL-3	L12751-02	7/16/2007	AcTh-228	6.50E+00	3.10E+00	1.40E+01
WS	SWL-3	L12751-02	7/16/2007	Ag-108m	4.80E-01	6.20E-01	2.10E+00
WS	SWL-3	L12751-02	7/16/2007	Ag-110m	7.60E-01	9.20E-01	3.10E+00
WS	SWL-3	L12751-02	7/16/2007	Ba-140	-1.00E-01	2.50E+00	8.80E+00
WS	SWL-3	L12751-02	7/16/2007	Be-7	2.50E+00	7.40E+00	2.50E+01
WS	SWL-3	L12751-02	7/16/2007	Ce-141	-6.90E+00	2.00E+00	7.30E+00
WS	SWL-3	L12751-02	7/16/2007	Ce-144	-1.90E+00	4.10E+00	1.40E+01
WS	SWL-3	L12751-02	7/16/2007	Co-57	1.20E-01	5.30E-01	1.80E+00
WS	SWL-3	L12751-02	7/16/2007	Co-58	5.00E-02	8.00E-01	2.80E+00
WS	SWL-3	L12751-02	7/16/2007	Co-60	4.40E-01	7.60E-01	2.60E+00
WS	SWL-3	L12751-02	7/16/2007	Cr-51	-1.29E+01	9.80E+00	3.40E+01
WS	SWL-3	L12751-02	7/16/2007	Cs-134	1.25E+00	7.00E-01	2.30E+00
WS	SWL-3	L12751-02	7/16/2007	Cs-137	9.30E-01	7.30E-01	2.40E+00
WS	SWL-3	L12751-02	7/16/2007	Fe-59	-6.00E-01	1.80E+00	6.20E+00
WS	SWL-3	L12751-02	7/16/2007	I-131	-3.60E+00	5.10E+00	1.70E+01
WS	SWL-3	L12751-02	7/16/2007	K-40	4.00E+00	1.30E+01	4.50E+01
WS	SWL-3	L12751-02	7/16/2007	La-140	-1.00E-01	2.90E+00	1.00E+01
WS	SWL-3	L12751-02	7/16/2007	Mn-54	0.00E+00	6.80E-01	2.30E+00
WS	SWL-3	L12751-02	7/16/2007	Nb-95	2.80E+00	1.00E+00	3.20E+00
WS	SWL-3	L12751-02	7/16/2007	Ru-103	-1.77E+00	9.30E-01	3.30E+00
WS	SWL-3	L12751-02	7/16/2007	Ru-106	-5.20E+00	6.90E+00	2.40E+01
WS	SWL-3	L12751-02	7/16/2007	Sb-124	7.00E-01	2.10E+00	7.30E+00
WS	SWL-3	L12751-02	7/16/2007	Sb-125	-2.00E-01	1.80E+00	6.20E+00
WS	SWL-3	L12751-02	7/16/2007	Se-75	3.00E-02	8.80E-01	3.00E+00
WS	SWL-3	L12751-02	7/16/2007	Zn-65	-2.60E+00	1.70E+00	6.00E+00
WS	SWL-3	L12751-02	7/16/2007	Zr-95	5.00E-01	1.40E+00	4.90E+00
WS	SWL-2	L12928-01	8/16/2007	AcTh-228	1.50E+00	3.80E+00	1.30E+01
WS	SWL-2	L12928-01	8/16/2007	Ag-108m	-2.10E-01	6.20E-01	2.10E+00
WS	SWL-2	L12928-01	8/16/2007	Ag-110m	1.22E+00	8.80E-01	2.90E+00
WS	SWL-2	L12928-01	8/16/2007	Ba-140	-3.10E+00	3.40E+00	1.20E+01
WS	SWL-2	L12928-01	8/16/2007	Be-7	1.47E+01	8.40E+00	2.80E+01
WS	SWL-2	L12928-01	8/16/2007	Ce-141	-2.00E-01	1.90E+00	6.50E+00
WS	SWL-2	L12928-01	8/16/2007	Ce-144	-3.30E+00	4.10E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-2	L12928-01	8/16/2007	Co-57	3.60E-01	5.30E-01	1.80E+00
WS	SWL-2	L12928-01	8/16/2007	Co-58	-6.30E-01	8.50E-01	3.00E+00
WS	SWL-2	L12928-01	8/16/2007	Co-60	1.60E-01	7.40E-01	2.60E+00
WS	SWL-2	L12928-01	8/16/2007	Cr-51	-7.00E+00	1.10E+01	3.90E+01
WS	SWL-2	L12928-01	8/16/2007	Cs-134	1.04E+00	7.40E-01	2.50E+00
WS	SWL-2	L12928-01	8/16/2007	Cs-137	-9.20E-01	7.10E-01	2.50E+00
WS	SWL-2	L12928-01	8/16/2007	Fe-59	-1.20E+00	2.00E+00	7.10E+00
WS	SWL-2	L12928-01	8/16/2007	I-131	-7.70E+00	8.10E+00	2.80E+01
WS	SWL-2	L12928-01	8/16/2007	K-40	-2.20E+01	1.40E+01	4.80E+01
WS	SWL-2	L12928-01	8/16/2007	La-140	-3.60E+00	4.00E+00	1.40E+01
WS	SWL-2	L12928-01	8/16/2007	Mn-54	-4.00E-02	7.10E-01	2.40E+00
WS	SWL-2	L12928-01	8/16/2007	Nb-95	1.00E-01	1.10E+00	3.70E+00
WS	SWL-2	L12928-01	8/16/2007	Ru-103	-4.10E+00	1.20E+00	4.30E+00
WS	SWL-2	L12928-01	8/16/2007	Ru-106	-5.80E+00	6.90E+00	2.40E+01
WS	SWL-2	L12928-01	8/16/2007	Sb-124	-1.80E+00	2.20E+00	8.00E+00
WS	SWL-2	L12928-01	8/16/2007	Sb-125	4.00E-01	1.90E+00	6.40E+00
WS	SWL-2	L12928-01	8/16/2007	Se-75	-1.01E+00	9.00E-01	3.10E+00
WS	SWL-2	L12928-01	8/16/2007	Zn-65	-3.60E+00	1.60E+00	5.80E+00
WS	SWL-2	L12928-01	8/16/2007	Zr-95	1.30E+00	1.60E+00	5.20E+00
WS	SWL-3	L12928-02	8/16/2007	AcTh-228	5.20E+00	2.70E+00	8.80E+00
WS	SWL-3	L12928-02	8/16/2007	Ag-108m	-3.40E-01	7.00E-01	2.40E+00
WS	SWL-3	L12928-02	8/16/2007	Ag-110m	9.00E-01	1.10E+00	3.70E+00
WS	SWL-3	L12928-02	8/16/2007	Ba-140	1.40E+00	3.10E+00	2.50E+01
WS	SWL-3	L12928-02	8/16/2007	Be-7	-4.30E+00	8.80E+00	3.00E+01
WS	SWL-3	L12928-02	8/16/2007	Ce-141	2.50E+00	1.80E+00	6.10E+00
WS	SWL-3	L12928-02	8/16/2007	Ce-144	6.00E-01	4.80E+00	1.60E+01
WS	SWL-3	L12928-02	8/16/2007	Co-57	2.10E-01	5.40E-01	1.80E+00
WS	SWL-3	L12928-02	8/16/2007	Co-58	-8.80E-01	9.00E-01	3.20E+00
WS	SWL-3	L12928-02	8/16/2007	Co-60	-1.03E+00	7.70E-01	2.80E+00
WS	SWL-3	L12928-02	8/16/2007	Cr-51	-1.00E+00	1.20E+01	3.90E+01
WS	SWL-3	L12928-02	8/16/2007	Cs-134	-9.80E-01	8.00E-01	2.90E+00
WS	SWL-3	L12928-02	8/16/2007	Cs-137	-4.10E-01	6.80E-01	2.40E+00
WS	SWL-3	L12928-02	8/16/2007	Fe-59	9.00E-01	2.10E+00	7.10E+00
WS	SWL-3	L12928-02	8/16/2007	I-131	-4.00E+00	7.80E+00	2.70E+01
WS	SWL-3	L12928-02	8/16/2007	K-40	9.00E+00	1.50E+01	4.90E+01
WS	SWL-3	L12928-02	8/16/2007	La-140	1.60E+00	3.60E+00	1.20E+01
WS	SWL-3	L12928-02	8/16/2007	Mn-54	-3.60E-01	7.70E-01	2.70E+00
WS	SWL-3	L12928-02	8/16/2007	Nb-95	-4.00E-01	1.20E+00	4.30E+00
WS	SWL-3	L12928-02	8/16/2007	Ru-103	-2.60E+00	1.30E+00	4.40E+00
WS	SWL-3	L12928-02	8/16/2007	Ru-106	8.10E+00	7.40E+00	2.50E+01
WS	SWL-3	L12928-02	8/16/2007	Sb-124	-4.00E-01	2.10E+00	7.40E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-3	L12928-02	8/16/2007	Sb-125	-9.00E-01	2.00E+00	6.70E+00
WS	SWL-3	L12928-02	8/16/2007	Se-75	1.00E+00	1.10E+00	3.50E+00
WS	SWL-3	L12928-02	8/16/2007	Zn-65	-8.00E-01	1.70E+00	6.00E+00
WS	SWL-3	L12928-02	8/16/2007	Zr-95	-8.00E-01	1.60E+00	5.60E+00
WS	SWL-2	L13034-03	8/16/2007	H-3	-7.00E+01	4.50E+02	1.30E+03
WS	SWL-3	L13034-04	8/16/2007	H-3	9.30E+02	4.60E+02	1.30E+03
WS	SWL-2	L13034-01	9/16/2007	AcTh-228	7.00E+00	3.90E+00	1.30E+01
WS	SWL-2	L13034-01	9/16/2007	Ag-108m	1.18E+00	8.30E-01	2.70E+00
WS	SWL-2	L13034-01	9/16/2007	Ag-110m	2.00E-01	1.40E+00	4.80E+00
WS	SWL-2	L13034-01	9/16/2007	Ba-140	1.90E+00	3.50E+00	1.20E+01
WS	SWL-2	L13034-01	9/16/2007	Be-7	6.00E+00	1.00E+01	3.40E+01
WS	SWL-2	L13034-01	9/16/2007	Ce-141	-2.60E+00	2.10E+00	7.20E+00
WS	SWL-2	L13034-01	9/16/2007	Ce-144	8.00E-01	5.90E+00	2.00E+01
WS	SWL-2	L13034-01	9/16/2007	Co-57	3.80E-01	7.40E-01	2.50E+00
WS	SWL-2	L13034-01	9/16/2007	Co-58	-1.60E+00	1.10E+00	4.20E+00
WS	SWL-2	L13034-01	9/16/2007	Co-60	-5.00E-01	1.00E+00	3.80E+00
WS	SWL-2	L13034-01	9/16/2007	Cr-51	1.10E+01	1.30E+01	4.40E+01
WS	SWL-2	L13034-01	9/16/2007	Cs-134	-1.00E-01	1.10E+00	4.00E+00
WS	SWL-2	L13034-01	9/16/2007	Cs-137	6.30E-01	9.80E-01	3.40E+00
WS	SWL-2	L13034-01	9/16/2007	Fe-59	-1.90E+00	2.60E+00	9.60E+00
WS	SWL-2	L13034-01	9/16/2007	I-131	-6.90E+00	6.70E+00	2.40E+01
WS	SWL-2	L13034-01	9/16/2007	K-40	-1.30E+01	1.80E+01	6.20E+01
WS	SWL-2	L13034-01	9/16/2007	La-140	2.20E+00	4.00E+00	1.40E+01
WS	SWL-2	L13034-01	9/16/2007	Mn-54	-1.20E+00	1.10E+00	3.90E+00
WS	SWL-2	L13034-01	9/16/2007	Nb-95	2.70E+00	1.90E+00	6.30E+00
WS	SWL-2	L13034-01	9/16/2007	Ru-103	-1.40E+00	1.50E+00	5.30E+00
WS	SWL-2	L13034-01	9/16/2007	Ru-106	2.80E+00	9.30E+00	3.20E+01
WS	SWL-2	L13034-01	9/16/2007	Sb-124	2.00E+00	2.60E+00	9.10E+00
WS	SWL-2	L13034-01	9/16/2007	Sb-125	-2.10E+00	2.60E+00	9.20E+00
WS	SWL-2	L13034-01	9/16/2007	Se-75	-1.20E+00	1.30E+00	4.50E+00
WS	SWL-2	L13034-01	9/16/2007	Zn-65	2.20E+00	4.30E+00	1.50E+01
WS	SWL-2	L13034-01	9/16/2007	Zr-95	0.00E+00	2.10E+00	7.30E+00
WS	SWL-3	L13034-02	9/16/2007	AcTh-228	9.30E+00	3.40E+00	1.10E+01
WS	SWL-3	L13034-02	9/16/2007	Ag-108m	7.10E-01	7.60E-01	2.50E+00
WS	SWL-3	L13034-02	9/16/2007	Ag-110m	-2.20E+00	1.20E+00	4.60E+00
WS	SWL-3	L13034-02	9/16/2007	Ba-140	5.70E+00	2.50E+00	7.70E+00
WS	SWL-3	L13034-02	9/16/2007	Be-7	-6.30E+00	8.50E+00	3.00E+01
WS	SWL-3	L13034-02	9/16/2007	Ce-141	-2.50E+00	1.80E+00	6.30E+00
WS	SWL-3	L13034-02	9/16/2007	Ce-144	-1.70E+00	5.30E+00	1.80E+01
WS	SWL-3	L13034-02	9/16/2007	Co-57	-1.00E-02	6.90E-01	2.30E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-3	L13034-02	9/16/2007	Co-58	7.00E-01	1.10E+00	3.60E+00
WS	SWL-3	L13034-02	9/16/2007	Co-60	-4.00E-01	1.00E+00	3.60E+00
WS	SWL-3	L13034-02	9/16/2007	Cr-51	1.80E+01	1.10E+01	3.50E+01
WS	SWL-3	L13034-02	9/16/2007	Cs-134	1.60E+00	1.00E+00	3.40E+00
WS	SWL-3	L13034-02	9/16/2007	Cs-137	2.90E-01	9.30E-01	3.20E+00
WS	SWL-3	L13034-02	9/16/2007	Fe-59	-1.40E+00	2.20E+00	8.00E+00
WS	SWL-3	L13034-02	9/16/2007	I-131	9.00E-01	4.10E+00	1.40E+01
WS	SWL-3	L13034-02	9/16/2007	K-40	-2.60E+01	1.60E+01	5.80E+01
WS	SWL-3	L13034-02	9/16/2007	La-140	6.50E+00	2.80E+00	8.90E+00
WS	SWL-3	L13034-02	9/16/2007	Mn-54	-1.50E+00	9.20E-01	3.40E+00
WS	SWL-3	L13034-02	9/16/2007	Nb-95	-1.20E+00	1.60E+00	5.70E+00
WS	SWL-3	L13034-02	9/16/2007	Ru-103	-1.20E+00	1.20E+00	4.30E+00
WS	SWL-3	L13034-02	9/16/2007	Ru-106	4.00E+00	8.90E+00	3.00E+01
WS	SWL-3	L13034-02	9/16/2007	Sb-124	-2.30E+00	2.30E+00	8.90E+00
WS	SWL-3	L13034-02	9/16/2007	Sb-125	-1.00E-01	2.30E+00	8.00E+00
WS	SWL-3	L13034-02	9/16/2007	Se-75	2.20E+00	1.20E+00	3.90E+00
WS	SWL-3	L13034-02	9/16/2007	Zn-65	-2.40E+00	2.00E+00	7.40E+00
WS	SWL-3	L13034-02	9/16/2007	Zr-95	2.10E+00	1.90E+00	6.50E+00
WS	SWL-2	L13192-01	10/16/2007	AcTh-228	-2.90E+00	4.20E+00	1.50E+01
WS	SWL-2	L13192-01	10/16/2007	Ag-108m	-1.80E-01	7.70E-01	2.70E+00
WS	SWL-2	L13192-01	10/16/2007	Ag-110m	1.20E+00	1.30E+00	4.30E+00
WS	SWL-2	L13192-01	10/16/2007	Ba-140	6.40E+00	3.50E+00	1.10E+01
WS	SWL-2	L13192-01	10/16/2007	Be-7	0.00E+00	9.50E+00	3.30E+01
WS	SWL-2	L13192-01	10/16/2007	Ce-141	-5.70E+00	3.10E+00	1.10E+01
WS	SWL-2	L13192-01	10/16/2007	Ce-144	4.20E+00	5.40E+00	1.80E+01
WS	SWL-2	L13192-01	10/16/2007	Co-57	3.60E-01	7.30E-01	2.40E+00
WS	SWL-2	L13192-01	10/16/2007	Co-58	-1.60E+00	1.10E+00	3.90E+00
WS	SWL-2	L13192-01	10/16/2007	Co-60	-5.00E-01	1.10E+00	3.80E+00
WS	SWL-2	L13192-01	10/16/2007	Cr-51	3.00E+00	1.20E+01	4.00E+01
WS	SWL-2	L13192-01	10/16/2007	Cs-134	-2.00E-01	1.00E+00	3.50E+00
WS	SWL-2	L13192-01	10/16/2007	Cs-137	-1.91E+00	9.00E-01	3.30E+00
WS	SWL-2	L13192-01	10/16/2007	Fe-59	-4.00E-01	2.40E+00	8.60E+00
WS	SWL-2	L13192-01	10/16/2007	I-131	3.00E+00	5.30E+00	1.80E+01
WS	SWL-2	L13192-01	10/16/2007	K-40	1.10E+01	1.70E+01	5.70E+01
WS	SWL-2	L13192-01	10/16/2007	La-140	6.40E+00	3.50E+00	1.10E+01
WS	SWL-2	L13192-01	10/16/2007	Mn-54	-1.23E+00	9.80E-01	3.60E+00
WS	SWL-2	L13192-01	10/16/2007	Nb-95	-9.00E-01	1.90E+00	6.50E+00
WS	SWL-2	L13192-01	10/16/2007	Ru-103	-1.00E+00	1.30E+00	4.70E+00
WS	SWL-2	L13192-01	10/16/2007	Ru-106	-9.00E-01	9.30E+00	3.20E+01
WS	SWL-2	L13192-01	10/16/2007	Sb-124	-9.00E-01	2.90E+00	1.00E+01
WS	SWL-2	L13192-01	10/16/2007	Sb-125	-8.00E-01	2.40E+00	8.50E+00

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

## Summary of 2007 Data

SAMPLE		LSN	REFERENCE		CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
TYPE	STATION		DATE	NUCLIDE			
WS	SWL-2	L13192-01	10/16/2007	Se-75	-1.00E-01	1.20E+00	4.20E+00
WS	SWL-2	L13192-01	10/16/2007	Zn-65	2.90E+00	3.40E+00	1.20E+01
WS	SWL-2	L13192-01	10/16/2007	Zr-95	-1.60E+00	2.00E+00	7.00E+00
WS	SWL-3	L13192-02	10/16/2007	AcTh-228	5.30E+00	3.40E+00	1.10E+01
WS	SWL-3	L13192-02	10/16/2007	Ag-108m	-3.00E-02	8.30E-01	2.90E+00
WS	SWL-3	L13192-02	10/16/2007	Ag-110m	-2.00E+00	1.20E+00	4.40E+00
WS	SWL-3	L13192-02	10/16/2007	Ba-140	-2.40E+00	3.50E+00	1.30E+01
WS	SWL-3	L13192-02	10/16/2007	Be-7	2.20E+00	9.60E+00	3.30E+01
WS	SWL-3	L13192-02	10/16/2007	Ce-141	4.20E+00	1.90E+00	6.10E+00
WS	SWL-3	L13192-02	10/16/2007	Ce-144	-2.30E+00	5.70E+00	1.90E+01
WS	SWL-3	L13192-02	10/16/2007	Co-57	-1.46E+00	7.10E-01	2.50E+00
WS	SWL-3	L13192-02	10/16/2007	Co-58	2.00E-01	1.00E+00	3.60E+00
WS	SWL-3	L13192-02	10/16/2007	Co-60	4.50E-01	9.30E-01	3.20E+00
WS	SWL-3	L13192-02	10/16/2007	Cr-51	-1.90E+01	1.30E+01	4.40E+01
WS	SWL-3	L13192-02	10/16/2007	Cs-134	1.36E+00	9.80E-01	3.30E+00
WS	SWL-3	L13192-02	10/16/2007	Cs-137	-1.80E+00	1.20E+00	4.40E+00
WS	SWL-3	L13192-02	10/16/2007	Fe-59	1.00E+00	2.60E+00	8.90E+00
WS	SWL-3	L13192-02	10/16/2007	I-131	-8.50E+00	5.80E+00	2.00E+01
WS	SWL-3	L13192-02	10/16/2007	K-40	2.00E+01	1.60E+01	5.40E+01
WS	SWL-3	L13192-02	10/16/2007	La-140	-2.40E+00	3.50E+00	1.30E+01
WS	SWL-3	L13192-02	10/16/2007	Mn-54	-9.80E-01	9.90E-01	3.50E+00
WS	SWL-3	L13192-02	10/16/2007	Nb-95	-2.00E-01	1.30E+00	4.40E+00
WS	SWL-3	L13192-02	10/16/2007	Ru-103	-1.10E+00	1.20E+00	4.30E+00
WS	SWL-3	L13192-02	10/16/2007	Ru-106	1.60E+00	9.00E+00	3.10E+01
WS	SWL-3	L13192-02	10/16/2007	Sb-124	-1.80E+00	2.40E+00	9.10E+00
WS	SWL-3	L13192-02	10/16/2007	Sb-125	3.00E+00	2.50E+00	8.30E+00
WS	SWL-3	L13192-02	10/16/2007	Se-75	-2.10E+00	1.20E+00	4.20E+00
WS	SWL-3	L13192-02	10/16/2007	Zn-65	2.00E-01	3.70E+00	1.30E+01
WS	SWL-3	L13192-02	10/16/2007	Zr-95	1.70E+00	1.80E+00	6.00E+00
WS	SWL-2	L13311-01	11/16/2007	AcTh-228	-5.00E-01	4.80E+00	1.70E+01
WS	SWL-2	L13311-01	11/16/2007	Ag-108m	3.00E-01	1.00E+00	3.60E+00
WS	SWL-2	L13311-01	11/16/2007	Ag-110m	7.00E-01	1.60E+00	5.40E+00
WS	SWL-2	L13311-01	11/16/2007	Ba-140	-2.60E+00	3.90E+00	1.40E+01
WS	SWL-2	L13311-01	11/16/2007	Be-7	5.00E+00	1.20E+01	4.10E+01
WS	SWL-2	L13311-01	11/16/2007	Ce-141	2.20E+00	2.40E+00	8.10E+00
WS	SWL-2	L13311-01	11/16/2007	Ce-144	3.60E+00	6.20E+00	2.10E+01
WS	SWL-2	L13311-01	11/16/2007	Co-57	-4.80E-01	8.20E-01	2.80E+00
WS	SWL-2	L13311-01	11/16/2007	Co-58	-1.00E-01	1.20E+00	4.20E+00
WS	SWL-2	L13311-01	11/16/2007	Co-60	8.00E-01	1.00E+00	3.50E+00
WS	SWL-2	L13311-01	11/16/2007	Cr-51	3.00E+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 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-2	L13311-01	11/16/2007	Cs-134	7.00E-01	1.30E+00	4.30E+00
WS	SWL-2	L13311-01	11/16/2007	Cs-137	-1.67E+00	9.80E-01	3.70E+00
WS	SWL-2	L13311-01	11/16/2007	Fe-59	-2.50E+00	2.90E+00	1.10E+01
WS	SWL-2	L13311-01	11/16/2007	I-131	4.10E+00	5.90E+00	2.00E+01
WS	SWL-2	L13311-01	11/16/2007	K-40	-1.50E+01	1.80E+01	6.60E+01
WS	SWL-2	L13311-01	11/16/2007	La-140	-2.60E+00	3.90E+00	1.40E+01
WS	SWL-2	L13311-01	11/16/2007	Mn-54	-1.90E+00	1.20E+00	4.40E+00
WS	SWL-2	L13311-01	11/16/2007	Nb-95	2.10E+00	1.60E+00	5.40E+00
WS	SWL-2	L13311-01	11/16/2007	Ru-103	-7.00E-01	1.60E+00	5.60E+00
WS	SWL-2	L13311-01	11/16/2007	Ru-106	-6.00E+00	1.10E+01	3.80E+01
WS	SWL-2	L13311-01	11/16/2007	Sb-124	-8.00E-01	3.00E+00	1.10E+01
WS	SWL-2	L13311-01	11/16/2007	Sb-125	-1.90E+00	2.90E+00	1.00E+01
WS	SWL-2	L13311-01	11/16/2007	Se-75	1.10E+00	1.40E+00	4.80E+00
WS	SWL-2	L13311-01	11/16/2007	Zn-65	-1.90E+00	2.80E+00	1.00E+01
WS	SWL-2	L13311-01	11/16/2007	Zr-95	-1.30E+00	2.20E+00	8.00E+00
WS	SWL-3	L13311-02	11/16/2007	AcTh-228	-1.40E+00	5.30E+00	1.90E+01
WS	SWL-3	L13311-02	11/16/2007	Ag-108m	-4.00E-01	9.50E-01	3.40E+00
WS	SWL-3	L13311-02	11/16/2007	Ag-110m	-6.00E-01	1.50E+00	5.50E+00
WS	SWL-3	L13311-02	11/16/2007	Ba-140	4.90E+00	4.20E+00	1.40E+01
WS	SWL-3	L13311-02	11/16/2007	Be-7	3.00E+00	1.10E+01	3.80E+01
WS	SWL-3	L13311-02	11/16/2007	Ce-141	-8.00E-01	2.30E+00	7.80E+00
WS	SWL-3	L13311-02	11/16/2007	Ce-144	-1.17E+01	6.80E+00	2.40E+01
WS	SWL-3	L13311-02	11/16/2007	Co-57	-7.60E-01	8.60E-01	3.00E+00
WS	SWL-3	L13311-02	11/16/2007	Co-58	4.00E-01	1.40E+00	4.70E+00
WS	SWL-3	L13311-02	11/16/2007	Co-60	-1.10E+00	1.20E+00	4.60E+00
WS	SWL-3	L13311-02	11/16/2007	Cr-51	-1.30E+01	1.40E+01	5.00E+01
WS	SWL-3	L13311-02	11/16/2007	Cs-134	9.00E-01	1.20E+00	4.30E+00
WS	SWL-3	L13311-02	11/16/2007	Cs-137	-1.10E+00	1.10E+00	4.00E+00
WS	SWL-3	L13311-02	11/16/2007	Fe-59	2.90E+00	3.00E+00	1.00E+01
WS	SWL-3	L13311-02	11/16/2007	I-131	1.18E+01	5.60E+00	1.80E+01
WS	SWL-3	L13311-02	11/16/2007	K-40	4.00E+01	2.20E+01	7.10E+01
WS	SWL-3	L13311-02	11/16/2007	La-140	4.90E+00	4.20E+00	1.40E+01
WS	SWL-3	L13311-02	11/16/2007	Mn-54	2.00E+00	1.20E+00	4.00E+00
WS	SWL-3	L13311-02	11/16/2007	Nb-95	-3.00E-01	2.10E+00	7.30E+00
WS	SWL-3	L13311-02	11/16/2007	Ru-103	-7.00E-01	1.60E+00	5.60E+00
WS	SWL-3	L13311-02	11/16/2007	Ru-106	2.00E+00	1.20E+01	4.10E+01
WS	SWL-3	L13311-02	11/16/2007	Sb-124	-4.00E-01	3.10E+00	1.20E+01
WS	SWL-3	L13311-02	11/16/2007	Sb-125	-2.90E+00	3.00E+00	1.10E+01
WS	SWL-3	L13311-02	11/16/2007	Se-75	-1.00E-01	1.50E+00	5.30E+00
WS	SWL-3	L13311-02	11/16/2007	Zn-65	-3.70E+00	2.90E+00	1.10E+01
WS	SWL-3	L13311-02	11/16/2007	Zr-95	1.80E+00	2.30E+00	7.90E+00

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

## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-2	L13439-03	11/16/2007	H-3	4.00E+02	4.50E+02	1.30E+03
WS	SWL-3	L13439-04	11/16/2007	H-3	-1.30E+02	4.50E+02	1.30E+03
WS	SWL-2	L13439-01	12/16/2007	AcTh-228	3.40E+00	4.00E+00	1.30E+01
WS	SWL-2	L13439-01	12/16/2007	Ag-108m	6.60E-01	6.50E-01	2.20E+00
WS	SWL-2	L13439-01	12/16/2007	Ag-110m	-1.50E+00	1.00E+00	3.70E+00
WS	SWL-2	L13439-01	12/16/2007	Ba-140	4.90E+00	3.00E+00	1.10E+01
WS	SWL-2	L13439-01	12/16/2007	Be-7	-6.00E-01	7.90E+00	2.70E+01
WS	SWL-2	L13439-01	12/16/2007	Ce-141	3.00E-01	1.80E+00	5.90E+00
WS	SWL-2	L13439-01	12/16/2007	Ce-144	1.70E+00	4.40E+00	1.50E+01
WS	SWL-2	L13439-01	12/16/2007	Co-57	7.80E-01	5.60E-01	1.80E+00
WS	SWL-2	L13439-01	12/16/2007	Co-58	-2.07E+00	8.90E-01	3.30E+00
WS	SWL-2	L13439-01	12/16/2007	Co-60	-1.30E-01	7.50E-01	2.70E+00
WS	SWL-2	L13439-01	12/16/2007	Cr-51	-3.20E+01	1.10E+01	3.80E+01
WS	SWL-2	L13439-01	12/16/2007	Cs-134	-3.10E-01	8.00E-01	2.80E+00
WS	SWL-2	L13439-01	12/16/2007	Cs-137	-1.00E+00	1.10E+00	3.70E+00
WS	SWL-2	L13439-01	12/16/2007	Fe-59	-3.00E-01	2.00E+00	6.90E+00
WS	SWL-2	L13439-01	12/16/2007	I-131	4.40E+00	5.30E+00	1.80E+01
WS	SWL-2	L13439-01	12/16/2007	K-40	-5.00E+00	1.30E+01	4.50E+01
WS	SWL-2	L13439-01	12/16/2007	La-140	3.60E+00	3.10E+00	1.10E+01
WS	SWL-2	L13439-01	12/16/2007	Mn-54	1.90E-01	7.80E-01	2.70E+00
WS	SWL-2	L13439-01	12/16/2007	Nb-95	1.30E+00	1.10E+00	3.60E+00
WS	SWL-2	L13439-01	12/16/2007	Ru-103	-1.70E+00	1.50E+00	5.30E+00
WS	SWL-2	L13439-01	12/16/2007	Ru-106	4.00E-01	7.20E+00	2.50E+01
WS	SWL-2	L13439-01	12/16/2007	Sb-124	1.00E-01	2.10E+00	7.50E+00
WS	SWL-2	L13439-01	12/16/2007	Sb-125	-4.50E+00	2.10E+00	7.50E+00
WS	SWL-2	L13439-01	12/16/2007	Se-75	-1.15E+00	9.10E-01	3.20E+00
WS	SWL-2	L13439-01	12/16/2007	Zn-65	-2.20E+00	1.70E+00	6.20E+00
WS	SWL-2	L13439-01	12/16/2007	Zr-95	-1.80E+00	1.40E+00	5.20E+00
WS	SWL-3	L13439-02	12/16/2007	AcTh-228	3.50E+00	4.30E+00	1.40E+01
WS	SWL-3	L13439-02	12/16/2007	Ag-108m	1.30E-01	7.70E-01	2.60E+00
WS	SWL-3	L13439-02	12/16/2007	Ag-110m	-5.00E-01	1.20E+00	4.40E+00
WS	SWL-3	L13439-02	12/16/2007	Ba-140	1.10E+00	3.90E+00	1.40E+01
WS	SWL-3	L13439-02	12/16/2007	Be-7	-9.00E+00	9.70E+00	3.40E+01
WS	SWL-3	L13439-02	12/16/2007	Ce-141	-4.60E+00	2.50E+00	9.00E+00
WS	SWL-3	L13439-02	12/16/2007	Ce-144	4.80E+00	5.30E+00	1.80E+01
WS	SWL-3	L13439-02	12/16/2007	Co-57	-3.50E-01	6.70E-01	2.30E+00
WS	SWL-3	L13439-02	12/16/2007	Co-58	-1.47E+00	9.70E-01	3.60E+00
WS	SWL-3	L13439-02	12/16/2007	Co-60	7.20E-01	9.30E-01	3.20E+00
WS	SWL-3	L13439-02	12/16/2007	Cr-51	1.00E+01	1.20E+01	4.20E+01
WS	SWL-3	L13439-02	12/16/2007	Cs-134	3.20E-01	9.70E-01	3.50E+00

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



## Summary of 2007 Data

SAMPLE TYPE	STATION	LSN	REFERENCE DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)
WS	SWL-3	L13439-02	12/16/2007	Cs-137	-1.40E+00	1.20E+00	4.20E+00
WS	SWL-3	L13439-02	12/16/2007	Fe-59	-9.00E-01	2.00E+00	7.30E+00
WS	SWL-3	L13439-02	12/16/2007	I-131	3.70E+00	7.00E+00	2.40E+01
WS	SWL-3	L13439-02	12/16/2007	K-40	2.00E+00	1.50E+01	5.00E+01
WS	SWL-3	L13439-02	12/16/2007	La-140	1.10E+00	3.90E+00	1.40E+01
WS	SWL-3	L13439-02	12/16/2007	Mn-54	-1.30E-01	8.90E-01	3.10E+00
WS	SWL-3	L13439-02	12/16/2007	Nb-95	1.30E+00	1.30E+00	4.50E+00
WS	SWL-3	L13439-02	12/16/2007	Ru-103	-2.10E+00	1.30E+00	4.50E+00
WS	SWL-3	L13439-02	12/16/2007	Ru-106	-6.30E+00	8.80E+00	3.10E+01
WS	SWL-3	L13439-02	12/16/2007	Sb-124	-1.00E-01	2.50E+00	9.10E+00
WS	SWL-3	L13439-02	12/16/2007	Sb-125	8.00E-01	2.40E+00	8.30E+00
WS	SWL-3	L13439-02	12/16/2007	Se-75	3.00E-01	1.10E+00	3.80E+00
WS	SWL-3	L13439-02	12/16/2007	Zn-65	2.00E+00	2.10E+00	7.00E+00
WS	SWL-3	L13439-02	12/16/2007	Zr-95	1.10E+00	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

**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 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 Donald C. Cook Nuclear Plant's 2007 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 Donald C. Cook Nuclear Plant's PRMP.