TS 5.6.2

Progress Energy

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United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT - 2005

Ladies and Gentlemen:

In accordance with the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Technical Specifications, Section 5.6.2, "Annual Radiological Environmental Operating Report," enclosed is the Radiological Environmental Operating Report for the period January 1, 2005, through December 31, 2005.

If you have any questions concerning this report, please contact me at (843) 857-1253.

Sincerely,

C. T. Baucom
Supervisor - Licensing/Regulatory Programs

RAC/rac

Enclosure

c: Dr. W. D. Travers, NRC, Region II
Mr. C. P. Patel, NRC, NRR (w/o enclosure)
NRC Resident Inspector

IE25

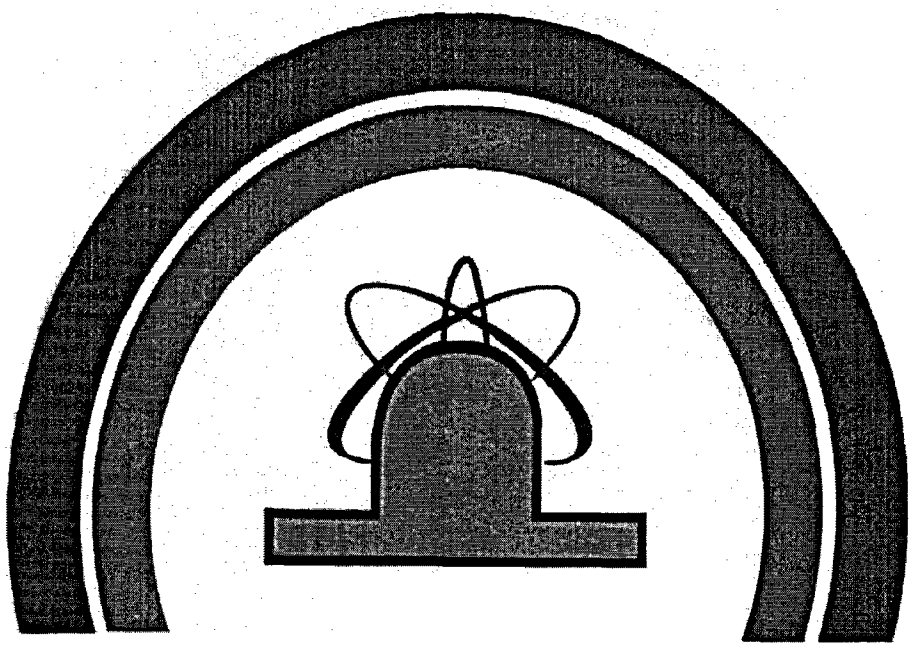
Progress Energy Carolinas, Inc.
Robinson Nuclear Plant
3581 West Entrance Road
Hartsville, SC 29550

RADIOLOGICAL

ENVIRONMENTAL OPERATING

REPORT

2005



H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

CAROLINA POWER & LIGHT COMPANY

ALSO KNOWN AS

PROGRESS ENERGY CAROLINAS, INC.

RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

FOR THE

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

FACILITY OPERATING LICENSE NO. DPR-23

DOCKET NO. 50-261

JANUARY 1 THROUGH DECEMBER 31, 2005

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

EXECUTIVE SUMMARY

The H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP) is operated by Carolina Power & Light Company; also known as Progress Energy Carolinas, Inc.; under a license granted by the Nuclear Regulatory Commission (NRC). The HBRSEP Technical Specifications and the HBRSEP Off-Site Dose Calculation Manual establish the requirements of the Radiological Environmental Monitoring Program. This report provides the results of the Radiological Environmental Monitoring program from January 1, 2005 through December 31, 2005.

The Radiological Environmental Monitoring program was established in 1973. Radiation and radioactivity in various environmental media have been monitored for more than 30 years. Monitoring is also provided for control locations that would not be impacted by operation of the HBRSEP. Using these control locations and data collected prior to operation allows comparison of data collected at locations near HBRSEP that could potentially be impacted by its operation. The pre-operational monitoring program began in December 1968.

Monitoring results for environmental media are summarized as follows:

- Air-monitoring results are similar or less than the concentrations of radioactivity from pre-operation monitoring. These observations are also consistent with past operational data.

- Milk monitoring has not been conducted due to the unavailability of milk samples in the area since July 17, 1998 when the dairy ceased operation. Broadleaf sampling is conducted, since no milk animals are located within five miles of the plant in any sector. Milk sampling will resume if a new sample location is identified.

- Terrestrial vegetation includes broadleaf vegetation and food products. Results indicate detectable concentrations of Cs-137 in both the indicator and control locations for broadleaf vegetation. No other gamma activity was detected in any samples, except for K-40 and other naturally occurring gamma activity. Sampling of miscellaneous food products (non-leafy) in the vicinity of the site is conducted when leafy vegetables are not being grown.

- Aquatic organism monitoring includes fish and aquatic vegetation. Results indicate detectable concentrations of Cs-137 and K-40 in both indicator and control locations for fish, while results also indicate other naturally occurring nuclides in both indicator and control samples. Aquatic vegetation indictor samples indicted the presence of Co-60, I-131, and Cs-137 activity. The source of the I-131 activity was determined not to be the result of HBRSEP effluents, but from the Hartsville Waste Water Plant. Refer to the Interpretations and Conclusions Section / Aquatic Vegetation.

- Surface water results indicate that the surface water from Lake Robinson shows the presence of tritium, which is attributed to plant operation.

- External radiation dose showed no measurable change from pre-operational data.

- Sediment monitoring includes both shoreline and bottom sediment. During 2005, bottom sediment results indicated the presence of Cs-137. No other gamma activity was detected in any sediment samples, except for naturally occurring gamma activity.

The continued operation of HBRSEP has not significantly contributed radiation or the presence of radioactivity in the environmental media monitored. The measured concentrations of radioactivity are well within applicable regulatory limits.

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

PURPOSE AND REQUIREMENTS FOR THE RADIOLOGICAL MONITORING PROGRAM

Although the operation of a nuclear generating station results in the raising of background radiation only a small amount, it is important to measure these emissions of radioactivity and radiation to assess their impact on the surrounding populations. The purpose of the radiological monitoring program is to measure accumulation of radioactivity in the environment, to determine whether this radioactivity is the result of operation of the HBRSEP, and to assess the potential dose to the off-site population based on the cumulative measurements of radioactivity of plant origin. Radiological environmental monitoring programs provide an additional verification of the containment and radiological controls of nuclear generating stations.

The radiological monitoring program was established in 1973 and has continued to collect and analyze samples since that time.

Requirements are established for the radiological monitoring program in the Technical Specifications and the Off-Site Dose Calculation Manual (ODCM).

Additional guidance regarding the radiological monitoring program may be found in the following:

- NRC Regulatory Guide 1.109, Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I, Revision 1, October 1977
- NRC Regulatory Guide 4.13, Performance, Testing, and Procedural Specifications for Thermoluminescence Dosimetry: Environmental Applications, Revision 1, July 1977
- NRC Regulatory Guide 4.15, Quality Assurance for Radiological Monitoring Programs (Normal Operation) - Effluent Streams and the Environment, Revision 1, February 1979
- NRC Regulatory Guide 4.1, Programs for Monitoring Radioactivity in the Environs of Nuclear Power Plants, Revision 1, April 1975
- NRC Regulatory Guide 4.8, Environmental Technical Specifications for Nuclear Power Plants, For comment, December 1975
- Radiological Assessment Branch Technical Position, An Acceptable Radiological Environmental Monitoring Program, Revision 1, November 1979

General Site Description

The HBRSEP (Unit No. 2) consists of a pressurized water reactor with a design rating of 800 MWe (Mega-watts electric). The site is shared with a pulverized coal unit (Unit No.1), which established commercial operation in 1960. Commercial production was initiated by Unit No. 2 on March 7, 1971. The HBRSEP is located in Darlington County, South Carolina. The site is along state route 151 approximately five (5) miles northwest of Hartsville, South Carolina and is displayed on the map of northeastern South Carolina (Figure 1). The site is also approximately twenty five (25) miles northwest of Florence, South Carolina.

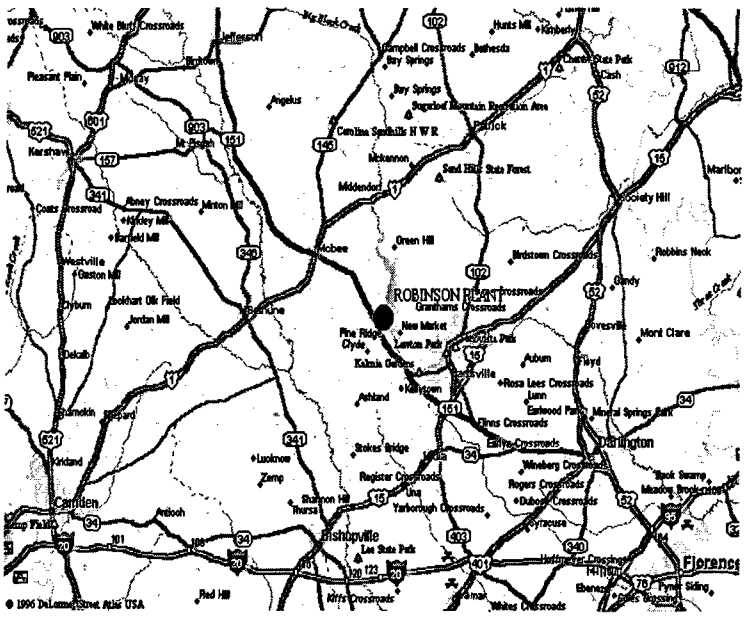


Figure 1: Location of HBRSEP

Lake Robinson is adjacent to the plant and is the source of cooling water. The lake was impounded during the construction of Robinson Unit No.1 (coal fired). The lake is fed by Black Creek and is approximately 2,250 acres in area. The plant intake is at the southern portion of the lake near the dam. The discharge is to a canal which conveys the cooling water to a point 4.2 miles north of the plant, where it returns to Lake Robinson.

The local economy supports primarily industrial and agricultural contributions. Fishing, boating, and swimming are popular activities on Lake Robinson and other nearby lakes. These activities contribute to the radiological pathways by consumption of fish and immersion related to swimming and boating. Consumption of milk and food products contributes to the ingestion pathway. No milk animals are located within five miles of the plant in any sector at this time, so broadleaf sampling is conducted to simulate the milk ingestion pathway.

RADIOLOGICAL MONITORING PROGRAM QUALITY ASSURANCE

A required component of the environmental radiological monitoring program is the Quality Assurance Program. The standards for the Quality Assurance Program are established in the NRC Regulatory Guide (R.G.) 4.15, "Quality Assurance for Radiological Monitoring Programs. According to R.G. 4.15, the purpose of the Quality Assurance Program is to "(1) to identify deficiencies in the sampling and measurement processes to those responsible for these operations so that corrective action can be taken, and (2) to obtain some measure of confidence in the results of the monitoring programs in order to assure the regulatory agencies and the public that the results are valid." NRC Regulatory Guide 4.15 B, Pg. 4.15-2. This provides the opportunity to implement corrective actions that address possible deficiencies. Examples of the activities of the Quality Assurance Program include:

- regular review of sample collection and records
- regular review of laboratory procedures and methods
- participation in an Environmental Interlaboratory Comparison Program, which provides an independent assessment of the quality of laboratory results.
- the use of known concentrations of radioactivity in test samples by the laboratory to ensure consistent quality results on an ongoing basis.

RADIOLOGICAL MONITORING PROGRAM GENERAL DESCRIPTION

Although the contribution to background radiation is small, Carolina Power & Light Company; also known as Progress Energy Carolinas, Inc.; has established this program to measure the exposure pathways to man. An exposure pathway describes the source of the radiological exposure. The primary forms of potential radiological emissions from the plant are airborne and liquid discharge. The pathways monitored are external dose, ingestion of radioactive materials, and the inhalation of radioactive material. Specific methods and different environmental media are required to assess each pathway. Table 1 provides a list of the media used to assess each of these pathways.

Table 1

Media Used to Assess Exposure Pathways to Man

Pathway of Exposure to Man	Media Sampled
External Dose	Aquatic Vegetation Ground Water Shoreline Sediment Surface Water Thermoluminescent Dosimetry(TLD)
Ingestion	Broadleaf Vegetation Food Products Fish Ground Water Surface Water
Inhalation	Air Samples (Particulate & Radioiodine)

Sampling Locations

Sampling locations are chosen based upon meteorological factors, pre-operational monitoring, and results of the land use surveys. A number of locations are selected as controls. Control stations are selected because they are very unlikely to be affected by operation of the plant. Sample locations may be seen in Figures 2 and 3. A description of each sample location may be found in Table 2.

Radiological Sampling Locations

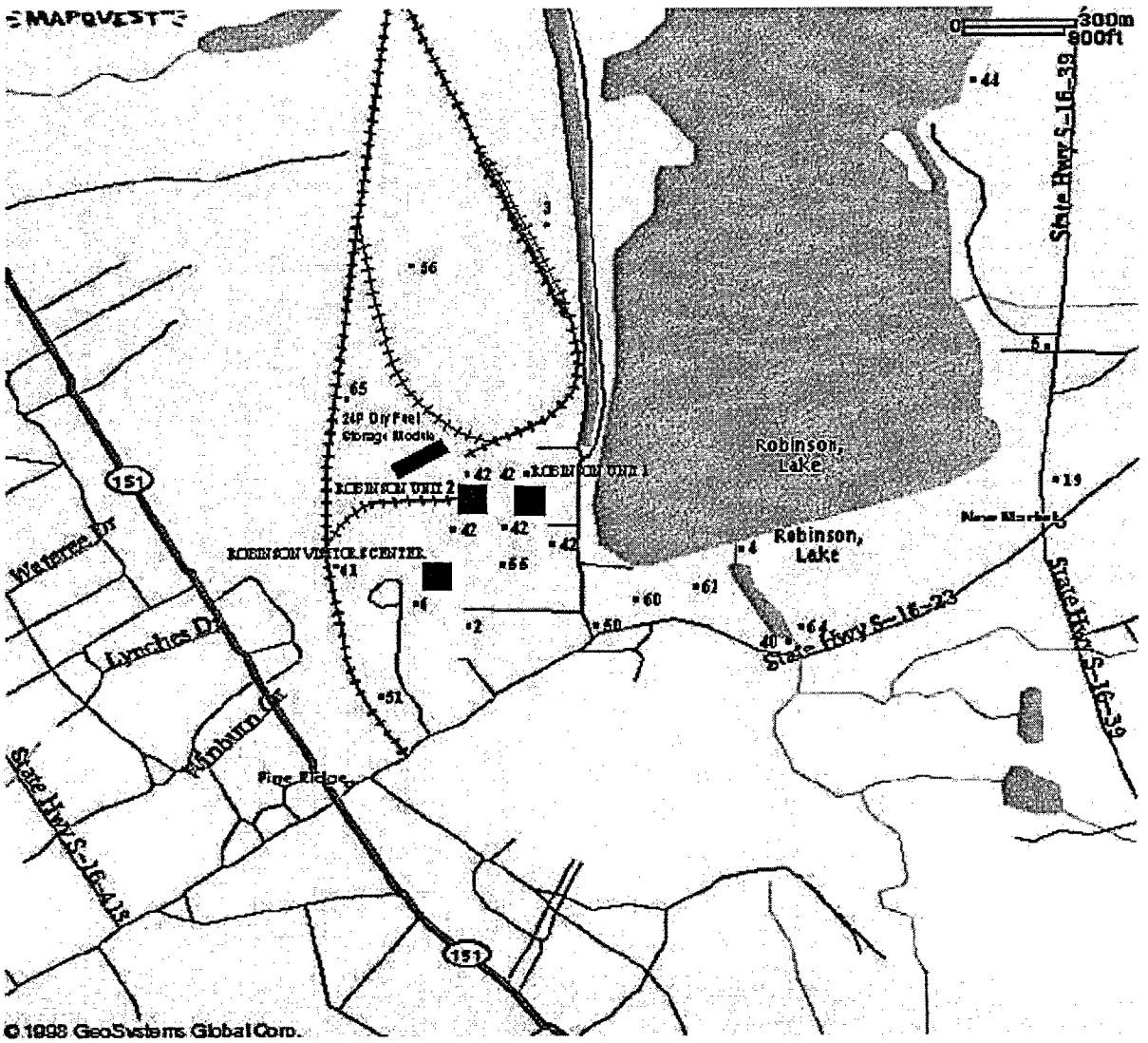


Figure 2: Radiological Sampling Locations (Near Plant)

Stations not shown include 1,7-18, 20-39,41,45,46,47,49,52,54,57and 58.

Sample Types	Sample Locations
Air Cartridge & Particulate	1-7, 55, 60, 61
Shoreline Sediment	44, 57
Ground Water	42, 64
Broadleaf Vegetation	50, 51, 52, 62
Surface Water	40, 41, 57
Thermoluminescent Dosimeter	1-39, 55, 56, 61, 65
Fish	45-47
Food Products	49, 54, 58
Aquatic Vegetation & Bottom Sediment	41, 45, 46, 54

Radiological Sampling Locations

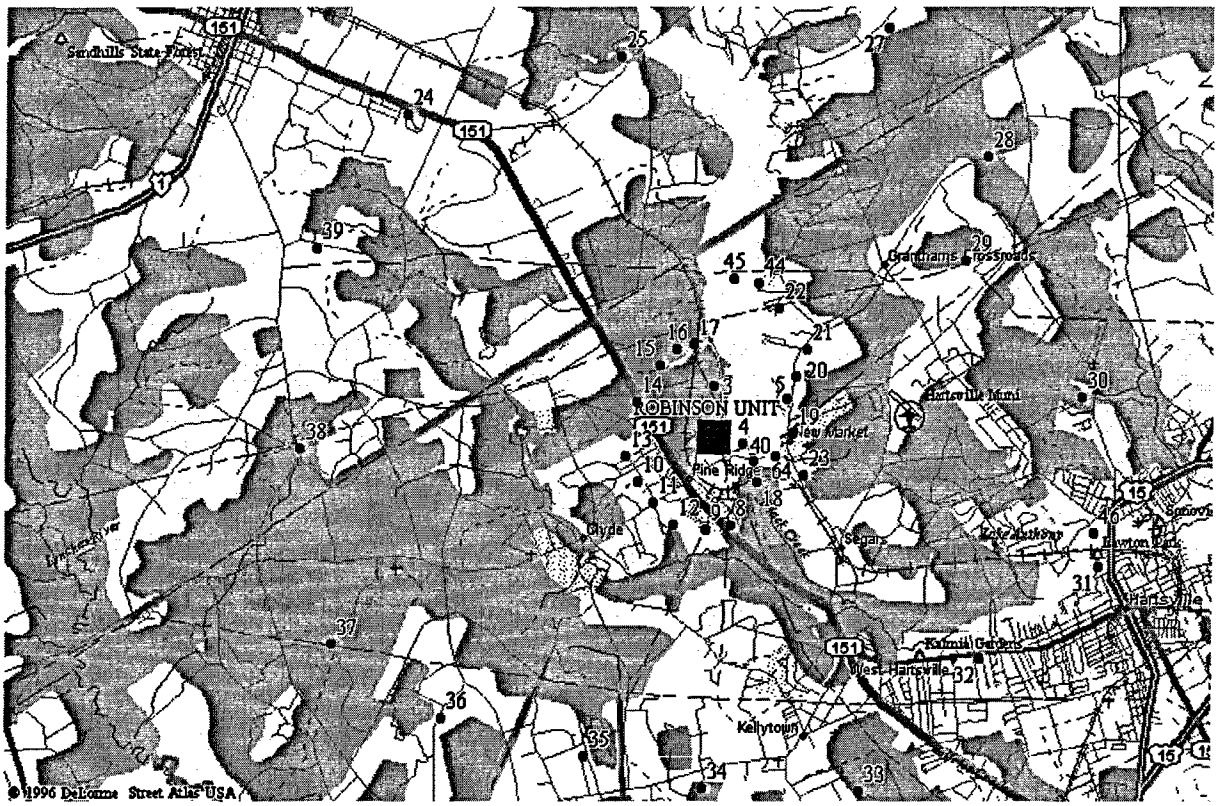


Figure 3: Radiological Sampling Locations (Distant from Plant)

Stations not shown include 1, 6, 7, 26, 41, 42, 47(varies), 49(varies), 50, 51, 52, 54, 55, 56, 57, 58(varies), 60, 61, 62, and 65.

Sample Types	Sample Locations
Air Cartridge & Particulate	1-7, 55, 60, 61
Shoreline Sediment	44, 57
Ground Water	42, 64
Broadleaf Vegetation	50, 51, 52, 62
Surface Water	40, 41, 57
Thermoluminescent Dosimeter	1-39, 55, 56, 61, 65
Fish	45-47
Food Products	49, 54, 58
Aquatic Vegetation & Bottom Sediment	41, 45, 46, 54

Table 2

Radiological Monitoring Sampling Locations
for
H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP)

Sample Type	Location & Description	Frequency	Sample Size	Analysis
Air Cartridge (AC)	1--24.4 miles ESE Florence, S.C.* 2--0.2 miles S Information Center 3--0.5 miles N Microwave Tower 4--0.4 miles ESE Spillway 5--0.9 miles ENE East shore of lake near Johnson's Landing 6--0.2 miles SSW Information Center 7--6.4 miles ESE CP&L facility on RR Ave., Hartsville 55--0.2 miles SSE South of West Settling Pond 60--0.2 miles SE Robinson Picnic Area 61--0.3 miles WSW West Parking lot near RR tracks	Weekly	410 m^3	Iodine
Air Particulate (AP)	1--24.4 miles ESE Florence, S.C.* 2--0.2 miles S Information Center 3--0.5 miles N Microwave Tower 4--0.4 miles ESE Spillway 5--0.9 miles ENE East shore of lake near Johnson's Landing 6--0.2 miles SSW Information Center 7--6.4 miles ESE CP&L facility on RR Ave., Hartsville 55--0.2 miles SSE South of West Settling Pond 60--0.2 miles SE Robinson Picnic Area 61--0.3 miles WSW West Parking lot near RR tracks	Weekly	410 m^3	Gross Beta (Weekly) Composite Gamma (Quarterly)
Fish (FI)	45--Site varies within Lake Robinson 46--Site varies within Prestwood Lake 47--Control station, Any lake not influenced by plant discharge*	Semiannual	450 grams (wet)	Gamma (edible portions)
Broadleaf Vegetation (BL)	50--SSE Close to Site Boundary 51--SSW Close to Site Boundary 52--10 miles W near Bethune* 62--SE Close to Site Boundary	Monthly (As available)	300 grams (wet)	Gamma Iodine
Shoreline Sediment (SS)	44--1.6 miles NNE East shore of lake, Shady Rest Club 57--Ash Pond	Semiannual	520 grams	Gamma
Aquatic Veg. (AV) & Bottom Sediments (SD)	46--Site varies within Prestwood Lake 41--8.0 miles N Black Creek at US Hwy 1* 45--Site varies within Lake Robinson 54--10.1 miles E Auburndale Plantation	Annual	400 grams and 520 grams	Gamma
Ground Water (GW)	64--0.6 miles SE Artesian well 42--Unit 1 or Unit 2 deep well	Quarterly (as of 7/98)	4 liters	Gamma Tritium
Surface Water (SW)	40--0.6 miles ESE Black Creek at Old Camden Road (S-16-23) 41--8.0 miles N Black Creek at US Hwy 1* 57--Ash Pond	Monthly Composite	4 liters	Gamma Tritium
Food Products (FP)	58--Site varies from plant 49--10.0 miles W or greater than 5 miles from plant * 54--10.1 miles E Auburndale Plantation	Annual at Harvest	300 grams	Gamma (edible portions)

* Control Stations

Table 2 (Continued)

Radiological Monitoring Sampling Locations
for
H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP)

Sample Type	Location & Description	Frequency	Sample Size	Analysis
Thermoluminescent Dosimetry (TLD)	1--24.4 miles ESE Florence, S.C. * 2--0.2 mile S Information Center 3--0.5 mile N Microwave Tower 4--0.4 mile ESE Spillway 5--0.9 mile ENE East shore of lake near Johnson's Landing 6--0.2 mile SSW Information Center 7--6.4 miles ESE CP&L Facility on RR Ave., Hartsville 8--0.8 mile SSE Transmission right-of-way 9--1.0 mile S Transmission right-of-way 10--1.0 mile WSW Clyde Church of God 11--1.0 mile SW Old Camden Road 12--1.2 miles SSW off of Old Camden Road 13--0.7 miles W Corner of Saluda and Sampit Roads 14--0.8 mile WNW First Baptist Church of Pine Ridge 15--0.7 miles NW Transmission right-of-way 16--1.0 mile NNW South side of Darlington Co. IC Turbine Plant 17--1.2 miles N Darlington Co. Plant emergency fire pump 18--0.7 mile SE Near Old Black Creek RR trestle 19--1.0 mile E Old Camden Road (#S-16-23) 20--1.0 mile ENE New Market Road (#S-16-39) 21--1.4 miles NE New Market Road (#S-16-39) 22--1.7 miles NNE Shady Rest entrance off of Cloverdale Drive 23--1.0 miles ESE New Market Road (#S-16-39) 24--4.6 miles NW Sowell Road (#S-13-711) 25--4.0 miles NNW Lake Robinson Road (#S-13-346) 26--5.0 miles N Lake Robinson Road (#S-13-346) 27--5.4 miles NNE Prospect Church Road (#S-13-763) 28--4.3 miles NE New Market Road (#S-13-39) 29--4.0 miles ENE Ruby Road (#S-16-20) 30--4.4 miles E Ruby Road (#S-16-20) 31--4.6 miles ESE on Lakeshore Drive 32--4.0 miles SE Transmission right-of-way 33--4.5 miles SSE on Bay Road (#S-16-493) 34--4.7 miles S on Kellybell Road (#S-16-772) 35--4.5 miles SSW Kelly Bridge Road (#S-31-51) 36--5.0 miles SW on Kingston Drive 37--5.0 miles WSW Pine Cone Road 38--4.9 miles W at Union Church Road 39--5.1 miles WNW King's Pond Road 55--0.2 miles SSE South of the West Settling Pond 56--0.4 miles NNW North of the center of the 7P-ISFSI 61--0.3 miles WSW West parking lot near RR tracks 65--0.3 miles WNW Northwest of the 24P-ISFSI	Quarterly	Not Applicable	TLD Reading Gamma Dose

*Control Station

SUMMARY OF RADIOLOGICAL MONITORING PROGRAM

The Radiological Environmental Monitoring Program (REMP) was conducted in accordance with the HBRSEP Off-Site Dose Calculation Manual (ODCM) and approved procedures.

The purpose of the REMP is to measure accumulation of radioactivity in the environment, to determine whether this radioactivity is the result of the operation of the HBRSEP, Unit No. 2, and to assess the potential dose to the off-site population based on the cumulative measurements of radioactivity of plant origin. Approximately 1,402 samples were collected from indicator and control locations and 1,446 analyses and measurements were made during 2005. Detectable radioactivity resulting from plant operation was found in 20 out of 24 indicator samples of surface water (Table 4). Only the tritium activity in fish samples constituted a potential source of public exposure. Using the methodology of Regulatory Guide 1.109 "Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I, Revision 1, dated October 1977," the greatest potential exposure to an individual of the public (being an adult) from the fish consumption of approximately 46 pounds (21 kg) of fish per year and assuming that tritium concentration is in equilibrium with the fish flesh is 0.006 millirem per year.

1. A statistical summary of all the data gathered in 2005 has been compiled in Table 3.

2. Radioactivity in environmental samples attributed to plant operations in 2005, for which there is a potential dose pathway to the public, is summarized in Table 4.

3. All detectable radionuclides in the environmental samples for 2005 were less than reporting levels as defined in HBRSEP ODCM. Table 5 summarizes the reporting levels.

4. Environmental sampling and analyses performed during 2005 demonstrated that the HBRSEP, Unit No. 2 continues to operate with minimum impact on the environment and minimal dose to the general public.

5. The following locations are used as control locations and are intended to indicate conditions away from the HBRSEP influence:

Thermoluminescent Dosimeters, Airborne and Particulate Samples	24.4 miles ESE, Florence, S.C. (Location 1)
Surface Water, Bottom Sediment, and Aquatic Vegetation	8.0 miles N, Black Creek at US Highway 1 (Location 41)
Fish	Any lake not influenced by plant discharge (Location 47)
Broadleaf Vegetation	10 Miles W, near Bethune (Location 52)
Food Products	10.0 miles W or greater than 5 Miles from plant (Location 49 - Bethune - site varies)

TABLE 3
H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP)
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

H. B. Robinson Steam Electric Plant, Unit No. 2
Darlington County, South Carolina

Docket Number - 50-261
Calendar Year 2005

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations Mean Range[2]	Location w/Highest Annual Mean		Control Locations Mean Range[2]	Number of Nonroutine Reported Measurements
				Name, Distance, and Direction	Mean Range[2]		
Air Cartridge (pCi/m^3)	I-131 520[3]	6.8E-2	All less than LLD	---	---	All less than LLD	0
Air Particulate (pCi/m^3)	Gross Beta 520[3]	3.0E-3	2.37E-2 (468/468) 5.37E-3 - 4.69E-2	Robinson Picnic Area 0.2 mile SE	2.50E-2 (52/52) 1.43E-2 - 4.34E-2	2.50E-2 (52/52) 1.22E-2 - 3.82E-2	0
	Gamma 40	See Table 6	All less than LLD	---	---	All less than LLD	0
Aquatic Vegetation[5] (pCi/g, wet)	Gamma 5 Co-60	4.8E-2	3.50E-2 (2/4) 3.12E-2 – 3.88E-2	Site varies within Prestwood Lake	3.88E-2 (1/1) Single value	All less than LLD	0
	I-131[9]	5.5E-2	3.33E+0 (2/4) 1.07E-2 – 6.64E+0	Auburndale Plantation 10.1 miles E	3.33E+0 (2/4) 1.07E-2 – 6.64E+0	All less than LLD	0
	Cs-137	4.5E-2	2.36E-2 (1/4) Single value	Auburndale Plantation 10.1 miles E	2.36E-2 (1/4) Single value	All less than LLD	0
Broadleaf Vegetation (pCi/g, wet)	Gamma 76[3][4] Cs-137	7.4E-2	4.93E-2 (9/57) 2.51E-2 – 9.08E-2	Close to Site Boundary SSE	5.27E-2 (4/19) 2.51E-2 – 9.08E-2	1.07E-1 (3/19) 9.90E-2 – 1.12E-1	0
Fish (pCi/g, wet) Bottom-Feeder	Gamma 6 K-40	7.1E-1	3.05E+0 (4/4) 2.52E+0 – 4.49E+0	Site varies within Prestwood Lake	3.58E+0 (2/2) 2.66E+0 – 4.49E+0	2.42E+0 (2/2) 2.06E+0 – 2.78E+0	0
	Cs-137	1.2E-1	3.24E-2 (2/4) 2.66E-2 – 3.82E-2	Site varies within Prestwood Lake	3.82E-2 (1/2) Single value	6.59E-2 4.15E-2 – 9.03E-2	0

TABLE 3 (Cont.)
HBRSEP
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

H. B. Robinson Steam Electric Plant, Unit No. 2
Darlington County, South Carolina

Docket Number - 50-261
Calendar Year 2005

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations Mean Range [2]	Location w/Highest Annual Mean		Control Locations Mean Range [2]	Number of Nonroutine Reported Measurements
				Name, Distance, and Direction	Mean Range [2]		
Fish (pCi/g, wet) Free-Swimmer	Gamma 6 K-40	7.1E-1	2.46E+0 (4/4) 1.54E+0 – 3.08E+0	Site varies within Lake Robinson	2.61E+0 (2/2) 2.47E+0 – 2.75E+0	2.39E+0 (2/2) 2.29E+0 – 2.49E+0	0
	Cs-137	1.2E-1	6.50E-2 (4/4) 5.00E-2 – 7.28E-2	Site varies within Prestwood Lake	7.00E-2 (2/2) 6.72E-2 – 7.82E-2	8.21E-2 (2/2) 4.42E-2 – 1.20E-1	0
Ground Water (pCi/l)	Gamma 8	See Table 6	All less than LLD	---	---	No control	0
	Tritium 8	3.25E+2 (8/8)[7]	All less than LLD	---	---	No control	0

TABLE 3 (Cont.)
HBRSEP
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

H. B. Robinson Steam Electric Plant, Unit No. 2
Darlington County, South Carolina

Docket Number - 50-261
Calendar Year 2005

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations Mean Range[2]	Location w/Highest Annual Mean		Control Locations Mean Range[2]	Number of Nonroutine Reported Measurements
				Name, Distance, and Direction	Mean Range[2]		
Food Products (pCi/g, wet)	Gamma 8[3] K-40	6.1E-1	2.25E+0 (4/4) 1.36E+0 – 2.91E+0	Site varies from Plant	2.25E+0 (4/4) 1.36E+0 – 2.91E+0	2.04E+0 (4/4) 1.14E+0 – 2.85E+0	0
Shoreline Sediment (pCi/g, dry)	Gamma 4	See Table 6	All less than LLD	---	---	No Control	0
Bottom Sediment[5] (pCi/g, dry)	Gamma 4 Cs-137	1.2E-1	1.43E-1 (1/3) Single value	Site varies within Lake Robinson	1.43E-1 (1/1) Single value	2.30E-1 (1/1) Single value	0

TABLE 3 (Cont.)
HBRSEP
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

H. B. Robinson Steam Electric Plant, Unit No. 2
Darlington County, South Carolina

Docket Number - 50-261
Calendar Year 2005

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations Mean Range[2]	Location w/Highest Annual Mean		Control Locations Mean Range[2]	Number of Nonroutine Reported Measurements
				Name, Distance, and Direction	Mean Range[2]		
Surface Water (pCi/l)	Gamma 36	See Table 6	All less than LLD	---------	---------	All less than LLD	0
	Tritium 36	3.25E+2 (34/36)[7] 3.75E+2 (2/36)[8]	2.76E+3 (20/24) 5.10E+2 – 4.97E+3	Black Creek at Old Camden 0.6 miles ESE	2.83E+3 (10/12) 5.10E+2 – 4.97E+3	All less than LLD	0
TLD (mR/qtr)[6]	TLD 169[3]	N/A	1.38E+1 (165/166) 9.40E+0 - 2.11E+1	Pine Cone Road 5.0 miles WSW	2.03E+1 (4/4) 1.95E+1 - 2.11E+1	1.27E+1 (4/4) 1.21E+1 - 1.33E+1	0

FOOTNOTES TO TABLE 3

1. Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background that will be detected with 95 percent probability with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved.

2. Mean and range are based on detectable measurements only. The fractions of detectable measurements at specific locations are indicated in parentheses.

3. Missing samples are discussed in Missed Surveillances.

4. Three types of broadleaf vegetation samples are collected monthly when available from four locations for a possible total of 144 samples.

5. Bottom sediment and aquatic vegetation sampling are not required by plant Offsite Dose Calculation Manual (ODCM). Sampling and analysis is performed to monitor any radionuclide buildup in the lake.

6. TLD exposure is reported in milliroentgen (mR) per 90-day period (quarter) beginning in 1995.

7. Tritium LLD was lowered to 3.25E+2 pCi/L in June 1996 for samples that typically demonstrate activity less than the LLD (groundwater and surface water control). The LLD was lowered at the request of the plants in order to maintain comparable LLD and result values with the state (N.C. and S.C.) Agencies' laboratories. Other samples that typically exhibit activity greater than the LLD have a tritium Lower Limit of Detection (LLD) of 1.0E+3 pCi/L.

8. The tritium LLD was increased to 3.75E+2 pCi/L for a temporary timeframe due to a problem with the wrong type of glass liquid scintillation vials being used (NCR # 150577).

9. See Interpretations and Conclusions for Aquatic Vegetation discussion of I-131 activity.

TABLE 4

Potential Dose Pathways

Sample Media	Radionuclide	Average Concentration and Occurrence	Maximum Individual Dose
Surface Water	H-3	2.76E+3 (pCi/L) (20/24)	0.006 millirem/yr (from fish)

TABLE 5

Reporting Levels for Radioactivity Concentrations

in Environmental Samples

Radionuclide	Water (pCi/l)	Airborne (pCi/m^3)	Fish (pCi/kg, wet)	Milk (pCi/l)	Food Products (pCi/kg, wet)
H-3	3E+04	----	----	----	----
Mn-54	1E+03	----	3E+04	----	----
Fe-59	4E+02	----	1E+04	----	----
Co-58	1E+03	----	3E+04	----	----
Co-60	3E+02	----	1E+04	----	----
Zn-65	3E+02	----	2E+04	----	----
Zr-Nb-95	4E+02	----	----	----	----
I-131	2E+00	9E-01	----	3E+00	1E+02
Cs-134	3E+01	1E+01	1E+03	6E+01	1E+03
Cs-137	5E+01	2E+01	2E+03	7E+01	2E+03
Ba-La-140	2E+02	----	----	3E+02	----

INTERPRETATIONS AND CONCLUSIONS

Air Sampling

Air samples collected during 2005 had a mean gross beta activity of 2.37E-2 pCi/m^3 for the indicator stations versus an average concentration of 2.50E-2 pCi/m^3 for the control stations. These data are essentially unchanged from 2004; they are consistent with pre-operational data obtained for the HBRSEP Unit No. 2 (1.40E-1 pCi/ m^3), and reflect the occurrence of naturally occurring radionuclides of the region. The lower current value is primarily due to the reduction of worldwide fallout that was occurring during the pre-operational years. Figures 4 through 12 provide a graphic representation of the gross beta activity at the indicator locations compared to the control location for 2005. These figures confirm that the indicator stations show no significant increase over the control samples and hence no discernible impact from the plant operation is apparent in the data. Air samplers that experienced down time of greater than 30 hours in a surveillance period are referred to as missed surveillances and discussions can be located in the Missed Surveillances Section of this report.

The quarterly composite gamma analyses for air particulate samples for all quarters revealed no radionuclides typical of plant effluents.

There was no Iodine-131 (I-131) detected in any of the 468 air cartridge (AC) samples from the indicator stations and 52 air cartridges from the control location in 2005.

Broadleaf Vegetation

Broadleaf vegetation sampling is accomplished by collecting cherry, dogwood, sassafras, and wax myrtle leaves in 2005. Three species of samples, when available, are collected monthly at four locations (one control and three indicator locations at the site boundary selected using historical meteorology with the highest calculated annual average ground level deposition). Broadleaf sampling is conducted since no milk animals are located within a radius of approximately five miles of the plant and is used to simulate dose to an individual via the milk pathway for compliance purposes.

During 2005, 9 of 57 samples taken from the indicator site demonstrated detectable concentrations of Cs-137 for an average value of 4.93E-2 pCi/g (wet). The control samples had detectable concentrations of Cs-137 in 3 of 19 samples with a mean concentration of 1.07E-1 pCi/g (wet). Upon comparing these results, it is concluded that the indicator values reflect fallout Cs-137 contamination. Past sampling experience further supports this interpretation.

Fish

Samples of free-swimming and bottom-feeding fish were taken from Lake Robinson and Prestwood Lake (the first downstream lake) and compared to similar fish from a control lake, which is unaffected by plant operation. During 2005, 2 out of 4 bottom-feeding fish and 4 out of 4 free-swimming fish (indicator sites) demonstrated detectable concentrations of Cs-137 for an average value of 3.24E-2 pCi/g (wet) and 6.50E-2 pCi/g (wet), respectively. The control samples had detectable concentrations of Cs-137 for 2 out of 2 bottom-feeding fish and 2 out of 2 free-swimming fish for an average concentration of 6.59E-2 pCi/g (wet) and 8.21E-2 pCi/g (wet), respectively. Upon comparing these results, it is concluded that the indicator values reflect fallout Cs-137 contamination. Past sampling experience further supports this interpretation.

Ground Water

No gamma (except for naturally occurring gamma activity) or tritium activity was detected in the eight samples of ground water collected in 2005, which is consistent with the observations in previous years.

Milk

Broadleaf sampling is conducted since no milk animals are located within a radius of approximately five miles of the plant in any sector and is used to simulate dose to an individual via the milk pathway for compliance purposes.

Food Products

During 2005, since no gardens were irrigated with water influenced by the plant effluent, no food crops were required to be obtained. Nonetheless, some samples were obtained from control location (FP-49) and indicator location (FP-58) food products (collards, squash, and tomatoes). No gamma activity associated with plant operation was detected in any control or indicator samples in 2005.

Shoreline Sediment

In 2005, no gamma activity associated with plant operation was detected in any sample in the semiannual shoreline sediment samples. Only naturally occurring gamma activity was detected. Cs-137 activity seen in past years was attributed to worldwide fallout and not the plant operation. No Cs-137 activity was detected in 2005.

Bottom Sediment

Cs-137 activity was detectable in 1 of the 3 indicator bottom sediment samples in 2005, with a single value concentration of 1.43E-1 pCi/g (dry). The control sample had detectable concentrations of Cs-137 (2.30E-1 pCi/g (dry)). No other gamma activity, except for naturally occurring gamma activity, was detected in the annual bottom sediment samples in 2005.

Aquatic Vegetation

In 2005, data shows that there were four aquatic vegetation indicator samples collected and one aquatic vegetation control sample collected. The aquatic vegetation samples collected pose no dose consequence since this is not a dose pathway. No gamma activity, except for naturally occurring gamma activity, was detected in the annual control aquatic vegetation sample; however, Co-60 activity was detectable in 2 of the 4 indicator samples with a mean concentration of 3.50E-2 pCi/g (wet) and Cs-137 activity was detectable in 1 of 4 indicator samples with a concentration of 2.36E-2 pCi/g (wet) in 2005. I-131 (6.64E+0 pCi/g (wet)) was detected at the Auburndale Plantation aquatic vegetation indicator sample in May 2005 (NCR # 160564). The

detection of I-131 in an environmental sample was unexpected due to the fact that HBRSEP (RNP) does not routinely release I-131 and did not release any measurable amounts in 2005. Additional aquatic vegetation samples were taken at various locations in order to try and locate the source of the I-131 activity. The additional samples showed that the I-131 activity was not from Prestwood Lake, which would be the exposure pathway if RNP were the source for the I-131 activity, but it appeared that the source was from the Hartsville Waste Water Plant. Therefore, the I-131 activity detected in the aquatic vegetation samples was not the result of plant effluents.

Surface Water

Surface waters of Lake Robinson indicated the presence of tritium which is attributed to plant operation. See Figure 13 which displays the tritium activity throughout 2005. These surface waters do not supply drinking water at any downstream location and are not used for irrigation. Therefore, radiological dose via this pathway is limited to the consumption of fish from Lake Robinson. Using the methodology of Regulatory Guide 1.109, Equation A-1, (below) a dose of 0.006 millirem/year to the maximum exposed individual could be assigned to this pathway.

Equation A-1

$$R_{aipj} = C_{ip}\, U_{ap}\, D_{aipj}$$

where:

R_{aipj}	=	total body dose in mrem/yr due to H-3
C_{ip}	=	concentration of nuclide (H-3) in pCi/kg = pCi/l
U_{ap}	=	maximum exposed individual's consumption (Reg. Guide 1.109, Table E-5) (46 lbs. of fish per year = 21 kg of fish/yr.)
D_{aipj}	=	ingestion dose factor for total body of individual (adult) in U_{ap} in mrem/pCi (Reg. Guide 1.109 Table E-12)

The monthly composite gamma analyses for surface water samples revealed no radionuclides typical of plant effluents.

External Radiation

Direct radiation exposure in the HBRSEP environs was measured by the placement of thermoluminescent dosimeters (TLDs) around the plant forming an inner ring at approximately 1 mile and an outer ring at 5 miles. The average of inner versus outer ring dose measurements is shown on Figure 14.

TLDs # 61 and # 65 were added to the RNP Radiological Environmental Monitoring Program (REMP) in the second quarter of 2005.

Asiatic Clams

Benthic samples from Lake Robinson during 2005 continue to confirm the absence of any substantial populations of Asiatic clams (*Corbicula fluminia*). The natural chemistry of the lake (i.e., low alkalinity and hardness) inhibits their proliferation.

MISSED SURVEILLANCES

Air Cartridge and Air Particulates

Any REMP weekly air samples (Air Cartridge – AC or Air Particulate – AP (APAC)) that exceed 30 hours of down time in a surveillance period will be reported as a "missed surveillance". However, this sample will still be counted and the data reported; whereas a "missed sample" indicates that no sample was available and no data was reported.

All AP and AC samples were available for counting in 2005.

Missed Surveillances:

- AP-3, February 20 – The filter shifted in the holder during the sample period in such a way that it created an opening that allowed some volume of air to bypass the filter during the sampling period. This caused some of the sample to bypass the filter and resulted in lower than normal Gross Beta counts (NCR # 152309).
- AP-5, February 20 - The filter shifted in the holder during the sample period in such a way that it created an opening that allowed some volume of air to bypass the filter during the sampling period. This caused some of the sample to bypass the filter and resulted in lower than normal Gross Beta counts (NCR # 152309).
- APAC-4, April 17 - Air sampler was found not running and the fuse was blown. Replaced the fuse and the unit was returned to service (NCR # 156654).
- APAC-4, April 24 – Air sampler was found not running with a blown fuse. Replaced the fuse and the air sampler blew that fuse too. It was determined that the carbon vanes needed replacing – replaced the carbon vanes and unit was running satisfactorily (NCR #157183).
- APAC-5, September 6 - Down time greater than 30 hours due to a tripped breaker during a lightning storm (NCR # 175465).
- APAC-7, October 24 - Down time greater than 30 hours due to sample pump failure (NCR # 173924).
- APAC-1 January 3, 2006 (December 2005 – January 2006) - Down time of 175 hours due to the failure of the carbon vanes. The carbon vanes were replaced (NCR # 179911).

The data for this surveillance period will be reported in the RNP 2006 Annual Radiological Environmental Operating Report.

Broadleaf Vegetation

Broadleaf vegetation (BL) samples were not available during the months of January, February, March, April, and December of 2005 due to the seasonal nature of broadleaf vegetation (NCR # 149533, 152306, 155623, 155579, and 178102). Only one type of broadleaf vegetation was available in November of 2005 for sampling due to the seasonal unavailability of the vegetation.

Thermoluminescent Dosimeters (TLDs)

One of a possible 170 TLD samples was missing during 2005.

Third Quarter: TLD # 36 results were elevated and determined to be aberrant; therefore, these results will not be reported. The elevated results were due to water intrusion into the phosphorus of the TLD (NCR # 173396).

ANALYTICAL PROCEDURES

Gross Beta

Gross beta radioactivity measurements are made using a Tennelec Low-Background Alpha/Beta Counting System. The LLD for air particulates is approximately 3.0E-3 pCi/m^3.

Air particulate samples are mounted in 2-inch stainless steel planchets and typically counted directly for 50 minutes.

Tritium

Liquid samples requiring tritium analysis are treated with a small amount of sodium hydroxide, potassium permanganate crystals, and then distilled. Five milliliters of the distillate are mixed with thirteen milliliters of liquid scintillation cocktail and counted in a liquid scintillation counter typically for 200 minutes. The lower LLD (3.25E+2 pCi/L) was established to maintain comparable LLD and result values with the State Agencies reportable concentrations in the Split Sample Program Report. The change to a lower LLD was a result of a request from the plants (see Footnotes to Table 3, Number 7). The LLD was increased to 3.75E+2 pCi/L in January of 2005 for a temporary timeframe due to a problem with the wrong type of glass liquid scintillation vials being used (NCR # 150577). The typical LLD of 3.25E+2 pCi/L was resumed in February of 2005.

Iodine-131

Iodine-131 airborne concentrations are analyzed by the intrinsic germanium (Ge) gamma spectrometry systems. The cartridges are placed on the detector and each charcoal cartridge is typically counted for 900 seconds individually with an approximate LLD of 6.8E-2 pCi/m^3.

Gamma Spectrometry

Gamma spectrum analysis uses intrinsic germanium detectors with thin aluminum windows housed in steel and lead shields. The analyzer system is the Canberra Nuclear 9900 Gamma Spectroscopy System. Table 6 summarizes LLD values derived from using the instrument with the worst sensitivity, typical sample volumes, typical count times, typical worst background count, and worst case on decay (from collection to counting).

Air particulate quarterly composite filters are placed in a Petri dish and analyzed directly for a typical count time of 2,000 seconds.

Liquid samples are boiled down to reduce the volume, transferred to a PB-50 beaker, and are typically analyzed directly for 7,000 seconds for groundwater and 40,000 seconds for surface water samples.

Shoreline and bottom sediments are dried, ground, weighed, and then analyzed in a 1-liter Marinelli beaker typically for 1,500 seconds.

Broadleaf and aquatic vegetation and food product samples are weighed wet and analyzed in a Marinelli beaker for typically 7,500 seconds.

Fish samples are cleaned, dressed (raw edible portions), and placed in a 1-liter Marinelli beaker for analysis and are typically counted for 3,000 seconds.

Thermoluminescent Dosimetry

Each area monitoring station includes a TLD packet, which is a polyethylene bag containing three calcium sulfate phosphors contained in a Panasonic UD-814 badge. The TLD is light tight and the bag is weather-resistant.

Dosimeters are machine annealed before field placement. Following exposure in the field, each dosimeter is read utilizing a Panasonic TLD reader. This instrument integrates the light photons emitted from traps as the dosimeter is heated. Calibration is calculated using dosimeters irradiated to known doses for each set of dosimeters measured. Prior to the measurement of each

dosimeter, the instrument is checked through use of an internal constant light source as a secondary standard.
The exposure reported is corrected for exposure received in transit and during storage through the use of control dosimeters.

Interlaboratory Comparison Program

The Radiochemistry Laboratory at the Harris Energy & Environmental Center in New Hill, North Carolina, provides radioanalytical services for Progress Energy Carolinas, Inc.'s nuclear plant radiological environmental surveillance programs. In fulfillment of ODCM Operational Requirements, the laboratory is a participant in the Analytics, Inc., Environmental Cross Check Program and uses its performance in this program as a major determinant of the accuracy and precision of its analytical results.

During 2005, 104 analyses were completed on 19 samples representing seven major environmental media (i.e., water, milk, air filters, air filters composite, soil, air cartridges, and simulated vegetation). Data on the known activities, the uncertainties, and the ratios to the known for the 104 analyses have been received from Analytics, Inc. The results were compared to the criteria established in the NRC Inspection Manual (Procedure 84750) for Radioactive Waste Treatment, Effluent, and Environmental monitoring.

All 104 analyses were within the current acceptance criteria used to monitor equipment performance by the radioanalytical lab. During the review of this report it was determined that the method used to implement the acceptance criteria requires additional validation to assure it meets the intent of site requirements. NCR # 194215 has been written to perform this evaluation and document results. Complete documentation of any evaluation will be available and provided to the NRC upon request.

Lower Limits of Detection

The samples analyzed met the "a priori" LLD required by the ODCM, except for AC-5 September 6, 2005 due to a missed surveillance period. The AC exceeded the I-131 "a priori" LLD Limit (7.0E-2 pCi/m^3), but no I-131 activity was identified (NCR # 175465). Typical "a priori" LLD values for the samples analyzed are listed in Table 6.

Table 6

Typical Lower Limits of Detection (a priori)

Gamma Spectrometry

Surface Water/Groundwater Samples	
Isotope	**LLD (pCi/L)**
Mn-54	3 / 6
Co-58	4 / 11
Fe-59	9 / 17
Co-60	5 / 13
Zn-65	8 / 18
Zr-Nb-95	7 - 5 / 13 - 9
I-131	14 / 7
Cs-134	5 / 9
Cs-137	4 / 8
Ba-La-140	35 - 13 / 32 - 14
Air Particulates (Quarterly Composite)	
Isotope	**LLD (pCi/m^3)**
Cs-134	0.003
Cs-137	0.003

Table 6 (cont.)

Sediments (Shoreline or Bottom)	
Isotope	**LLD (pCi/kg, dry)**
Cs-134	147
Cs-137	120
Fish	
Isotope	**LLD (pCi/kg, wet)**
Mn-54	95
Co-58	110
Fe-59	257
Co-60	123
Zn-65	245
Cs-134	126
Cs-137	123
Food Products and Vegetation / Aquatic	
Isotope	**LLD (pCi/kg, wet)**
I-131	57 / 56
Cs-134	59 / 54
Cs-137	74 / 46

LAND USE CENSUS

PURPOSE OF THE LAND USE CENSUS

The land use census identifies the pathways (or routes) that radioactive material may reach the general populations near commercial nuclear generating stations. This is accomplished by completing studies that identify how the surrounding lands are used by the population. A comprehensive census of the use of the land within a five-mile distance of the plant is completed once per 24 months during the growing season. This information is used for dose assessment and to identify changes to the stations sampled and the type of samples. These results ensure that the Radiological Environmental Monitoring Program (REMP) is based upon current data regarding human activity in the vicinity of the plant. Therefore, the purpose of the land use census is both to ensure the monitoring program is current, as well as provide data for the calculation of estimated radiation exposure.

The pathways that are evaluated are:

- Ingestion Pathway - Results from eating food products that may have radioactive materials deposited on them, incorporated radioactive materials from the soil or atmosphere. Another pathway is through drinking milk from local cows or goats if present. The grass used to feed these animals may have incorporated or had deposited on it radioactive materials that can be transferred to the milk.

- Direct Radiation Exposure Pathway- Results from deposition of radioactive materials on the ground or from passage of these radioactive materials in the air.

- Inhalation Pathway- Results from breathing radioactive materials transported in the air.

Methodology

The following must be identified within the five (5) mile radius of the plant for each of the sixteen meteorological sectors (compass direction the winds may blow, for example NNE [North North East]):

- The nearest resident
- The nearest garden of greater that 500 square feet, producing broadleaf vegetables
- The nearest milk animal

The primary method is visual inspection from roadside within the five (5) mile radius. This information is supplemented with data from aerial photographs, information from county extension agents, farm supply businesses, and knowledge of the area.

Land Use Census Results

There was no Land Use Census performed in 2005 per ODCM 4.4.1 which states that the land use census shall be conducted once per 24 months during the growing season. The last RNP land use census was performed in 2004. The 2004 and 2002 results of the survey for the nearest resident, garden, milk producing animal, and meat/egg producing animal for each meteorological sector are compared in Table 7.

No milk producing animals were identified within five-mile radius of the site in any sector. Also, no garden (at the time of the census) is currently growing leafy vegetables. Vegetables like tomatoes, squash, okra, cucumbers, etc. are examples of the vegetables of choice for this area and are what is typically grown and sampled in the past. Sampling of these vegetables (non-leafy) will continue until leafy vegetables can be identified. Milk sampling will resume if a new sample location is identified.

TABLE 7

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

LAND USE CENSUS COMPARISONS (2002-2004)
NEAREST PATHWAY (MILES)

SECTOR	RESIDENT		GARDEN		MEAT/ EGG		MILK	
	2004	2002	2004	2002	2004	2002	2004	2002
N	2.8*	2.8	3.3*	3.8	3.3	3.3	---	---
NNE	1.5	1.5	2.1*	1.9	4.3*	1.7	---	---
NE	1.0	1.0	2.6*	1.7	2.8*	1.8	---	---
ENE	0.8	0.8	1.1*	1.1	2.4*	2.3	---	---
E	0.9	0.9	0.8*	1.1	---	---	---	---
ESE	0.6	0.6	0.7	0.7	0.7	0.7	---	---
SE	0.4	0.4	1.9	1.9	2.0*	1.9	---	---
SSE	0.4	0.4	2.4	2.4	2.4	2.4	---	---
S	0.4	0.4	0.5*	1.5	2.6*	0.5	---	---
SSW	0.4	0.4	0.8	0.8	0.9*	0.9	---	---
SW	0.5	0.5	1.0	1.0	3.5*	1.5	---	---
WSW	0.5	0.5	0.6*	0.7	0.6	0.6	---	---
W	0.5*	0.6	0.5*	0.6	0.8	0.8	---	---
WNW	0.6	0.6	0.7	0.7	4.3	4.3	---	---
NW	1.6	1.6	2.0	2.0	2.0	2.0	---	---
NNW	2.0*	2.0	3.5*	2.8	---	---	---	---

*Changes from 2002.

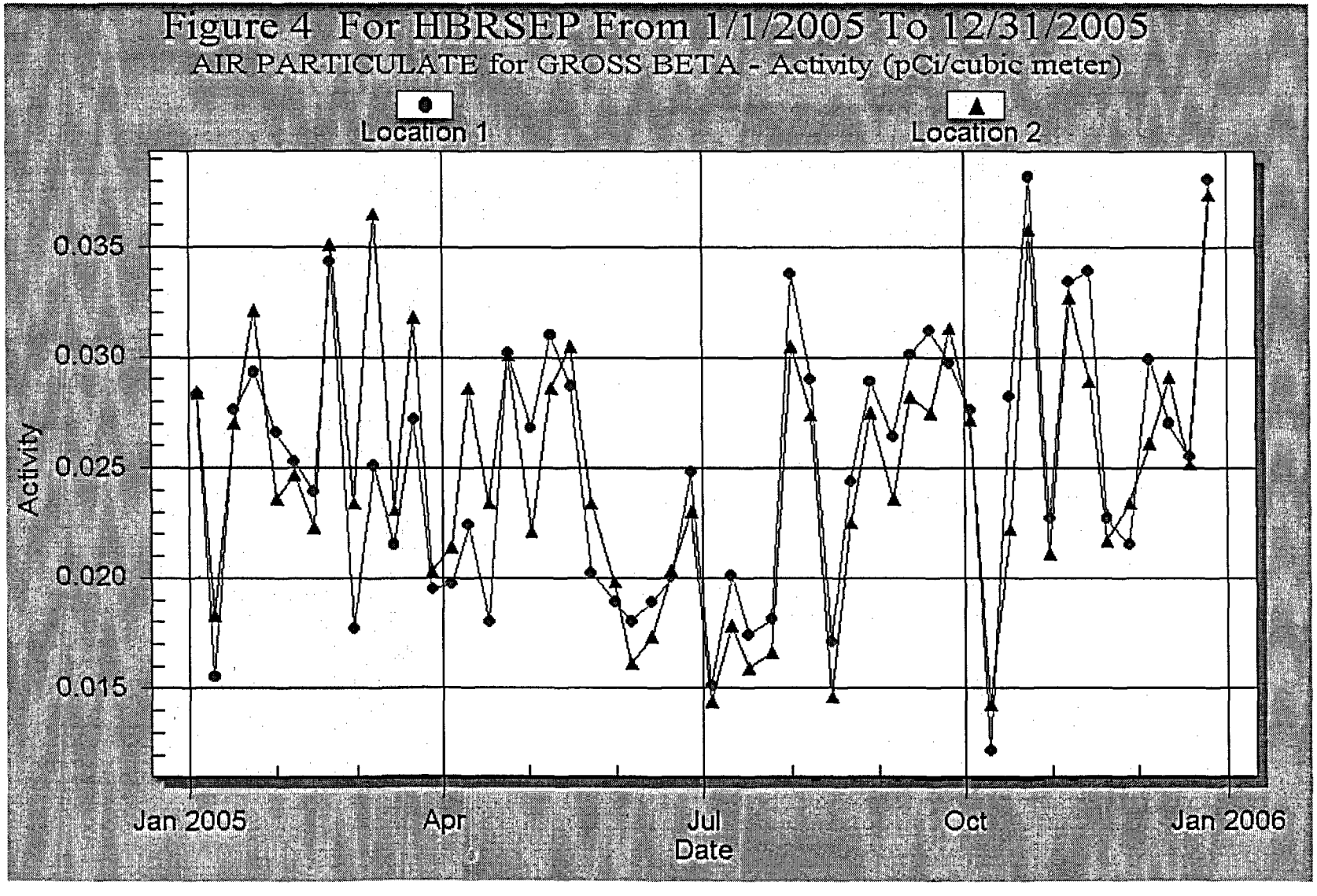


Figure 4 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 2
0.035
0.030
0.025
0.020
0.015
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

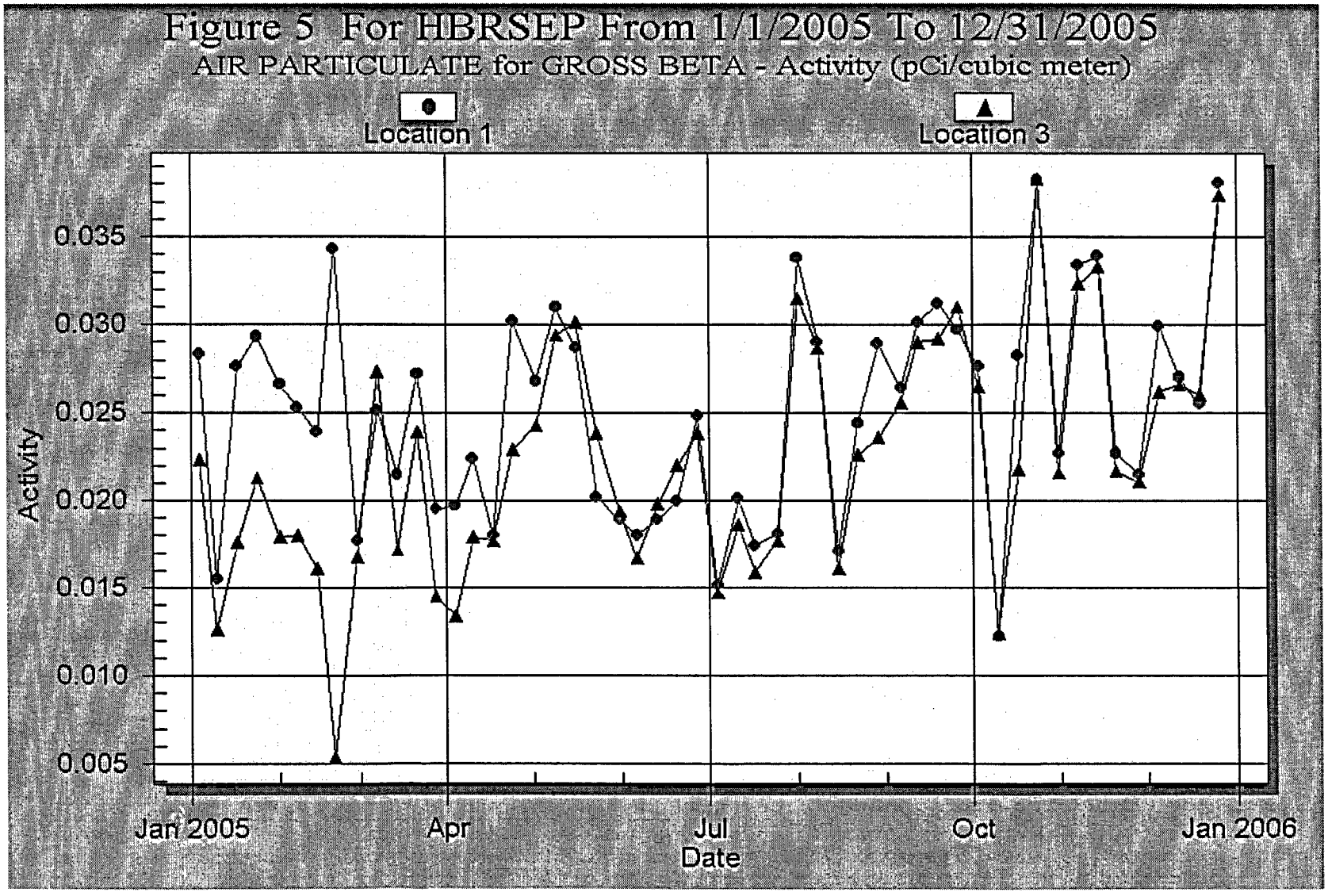


Figure 5 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 3
0.035
0.030
0.025
0.020
0.015
0.010
0.005
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

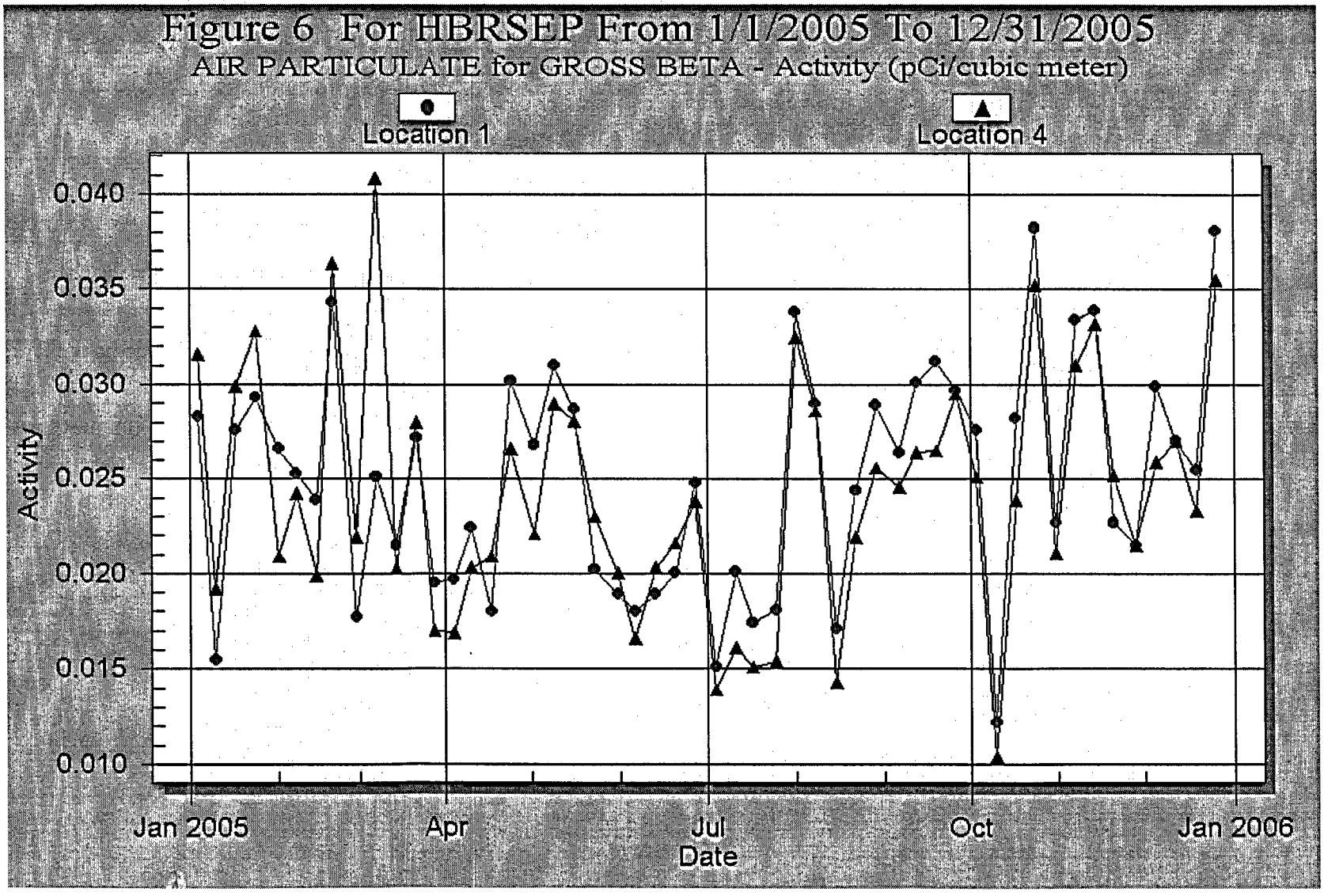


Figure 6 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 4
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0.035
0.030
0.025
0.020
0.015
0.010
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

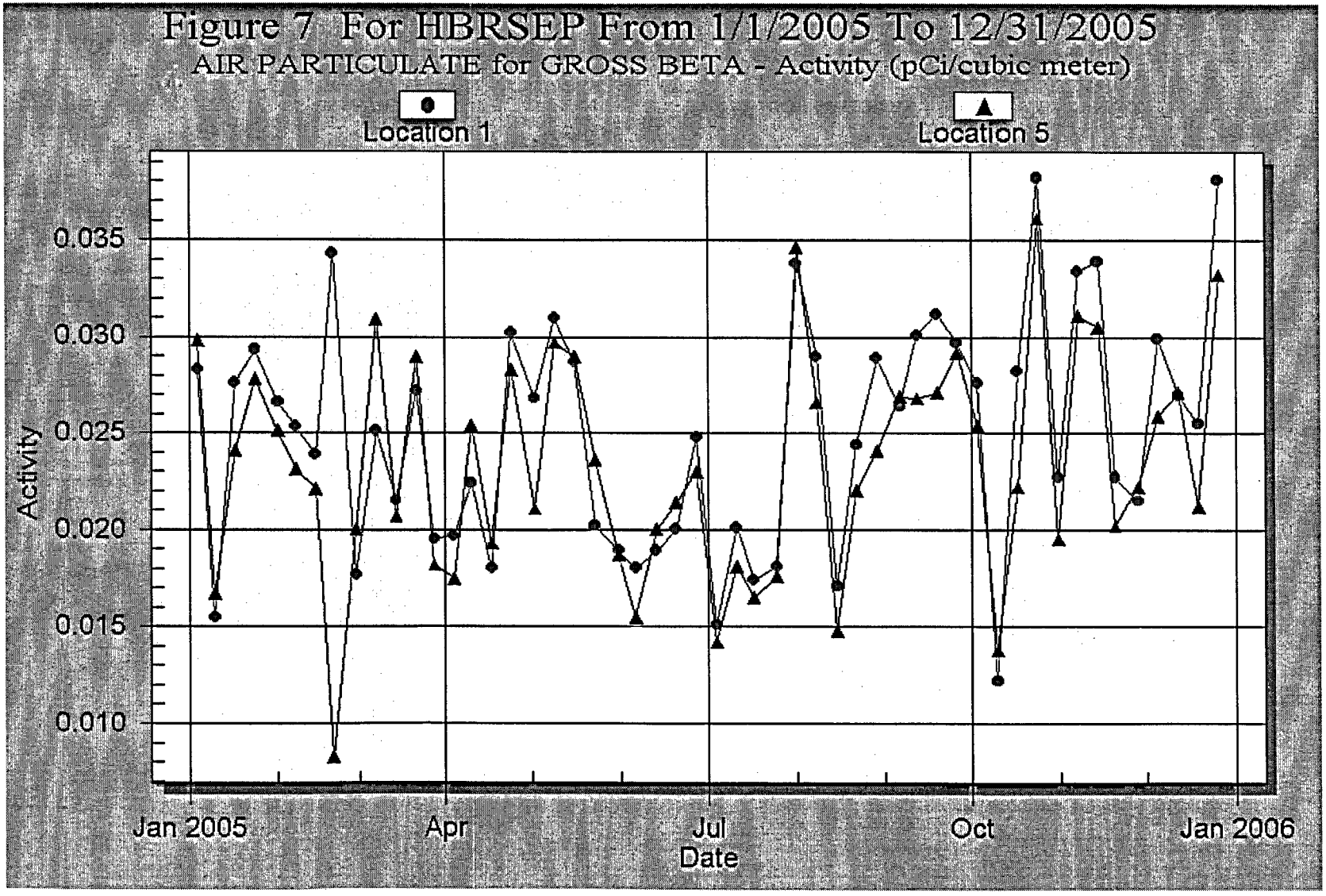
Figure 7 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 5
0.035
0.030
0.025
0.020
0.015
0.010
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

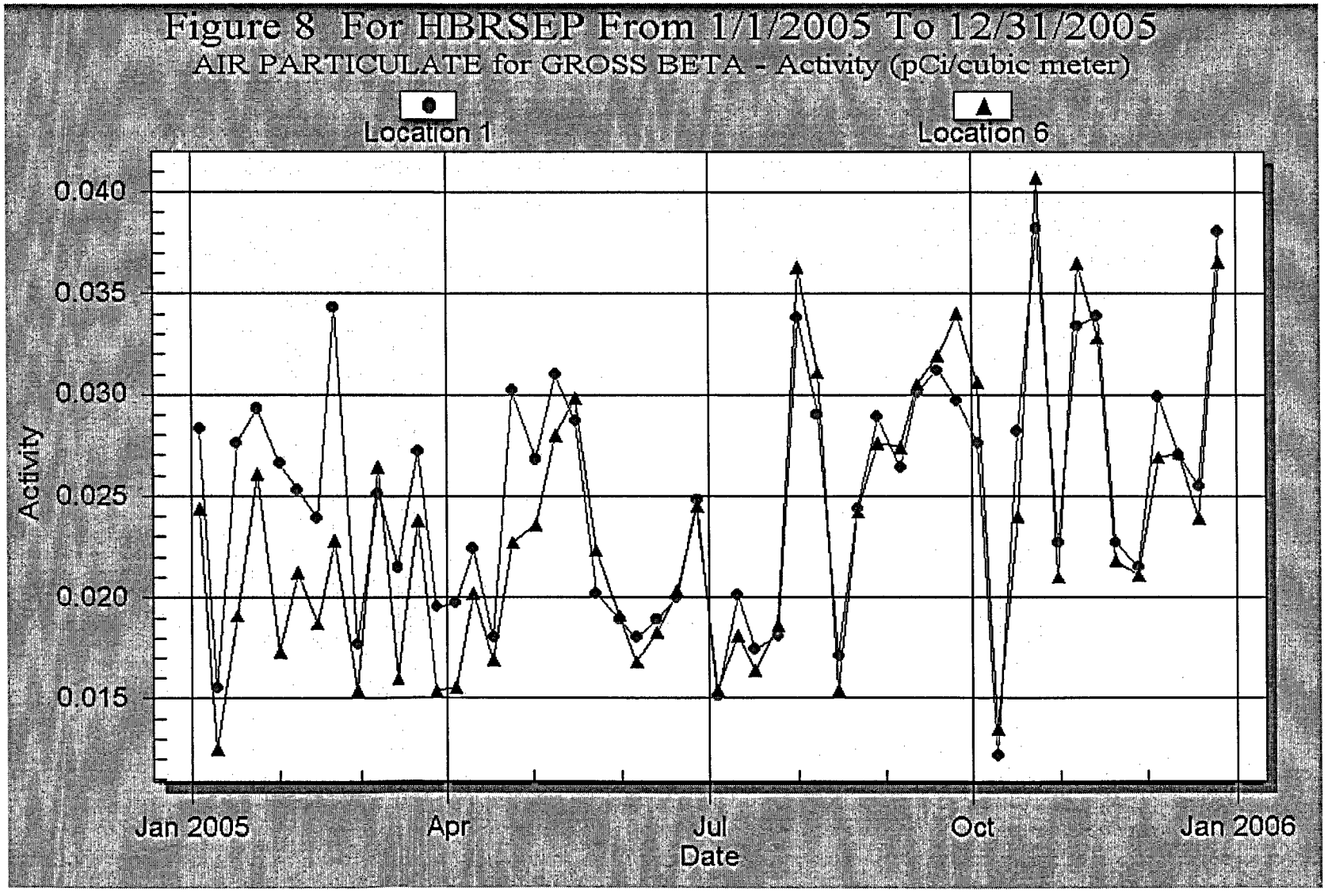
Figure 8 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 6
0.040
0.035
0.030
0.025
0.020
0.015
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

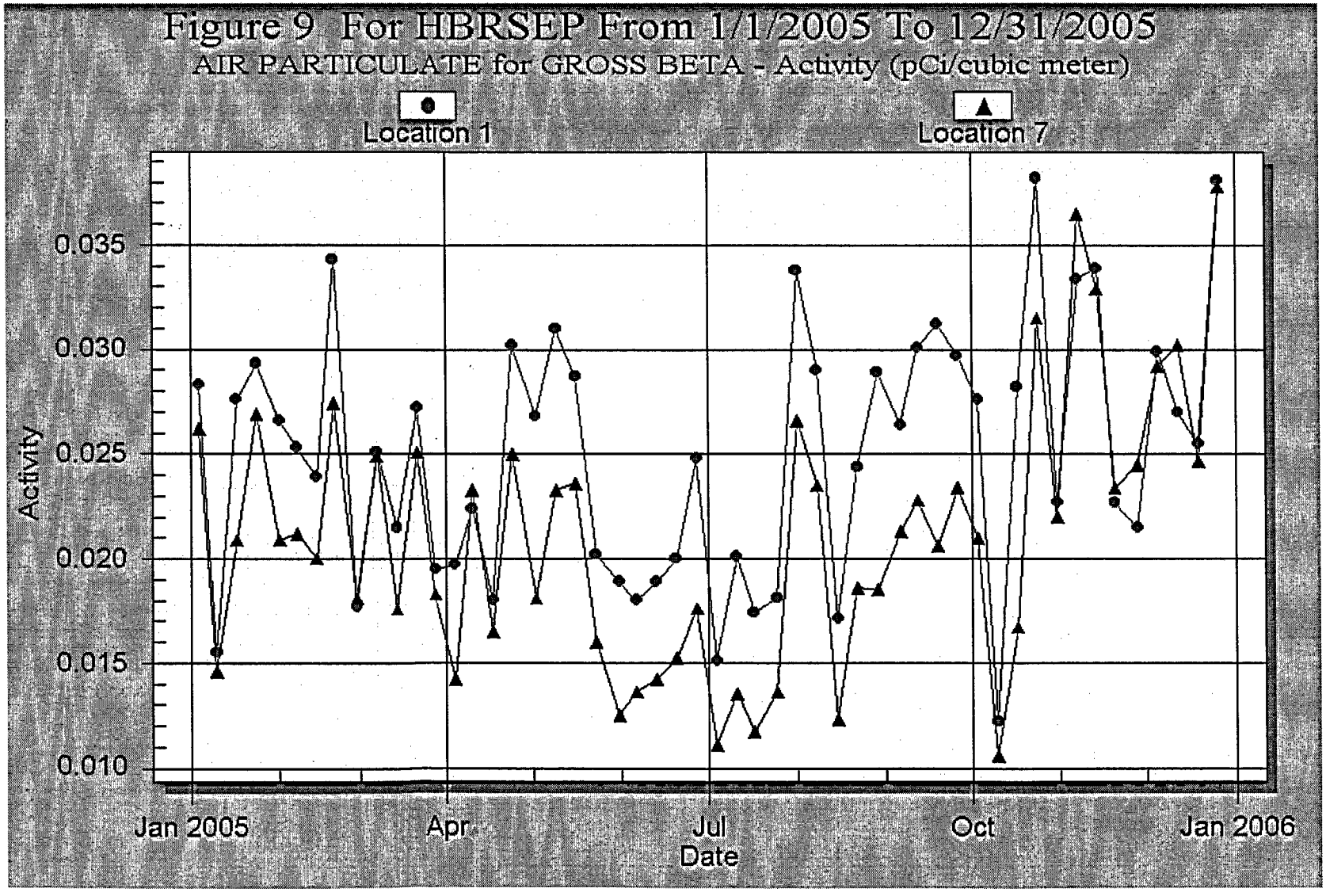
Figure 9 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 7
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0.030
0.025
0.020
0.015
0.010
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

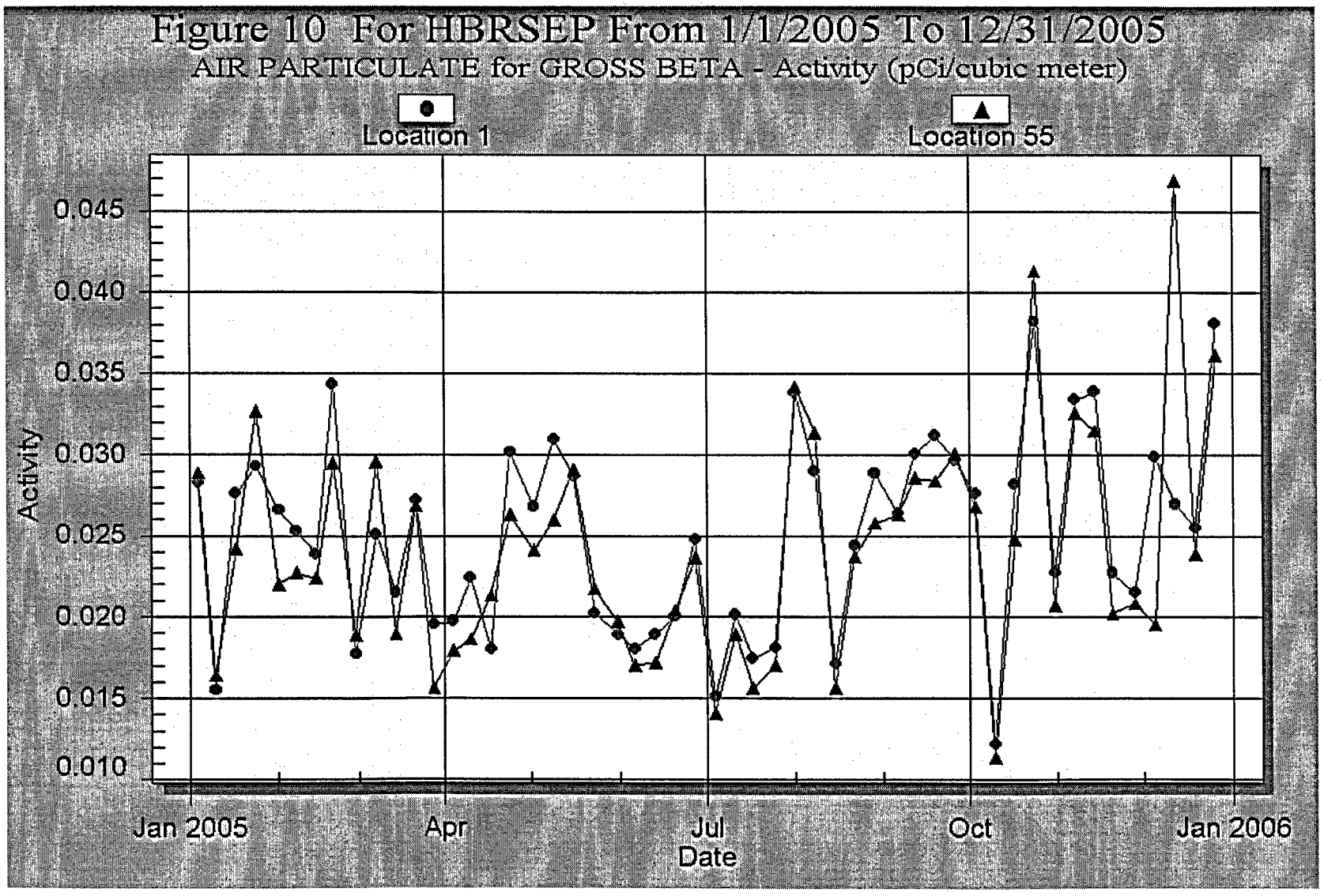
Figure 10 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 55
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

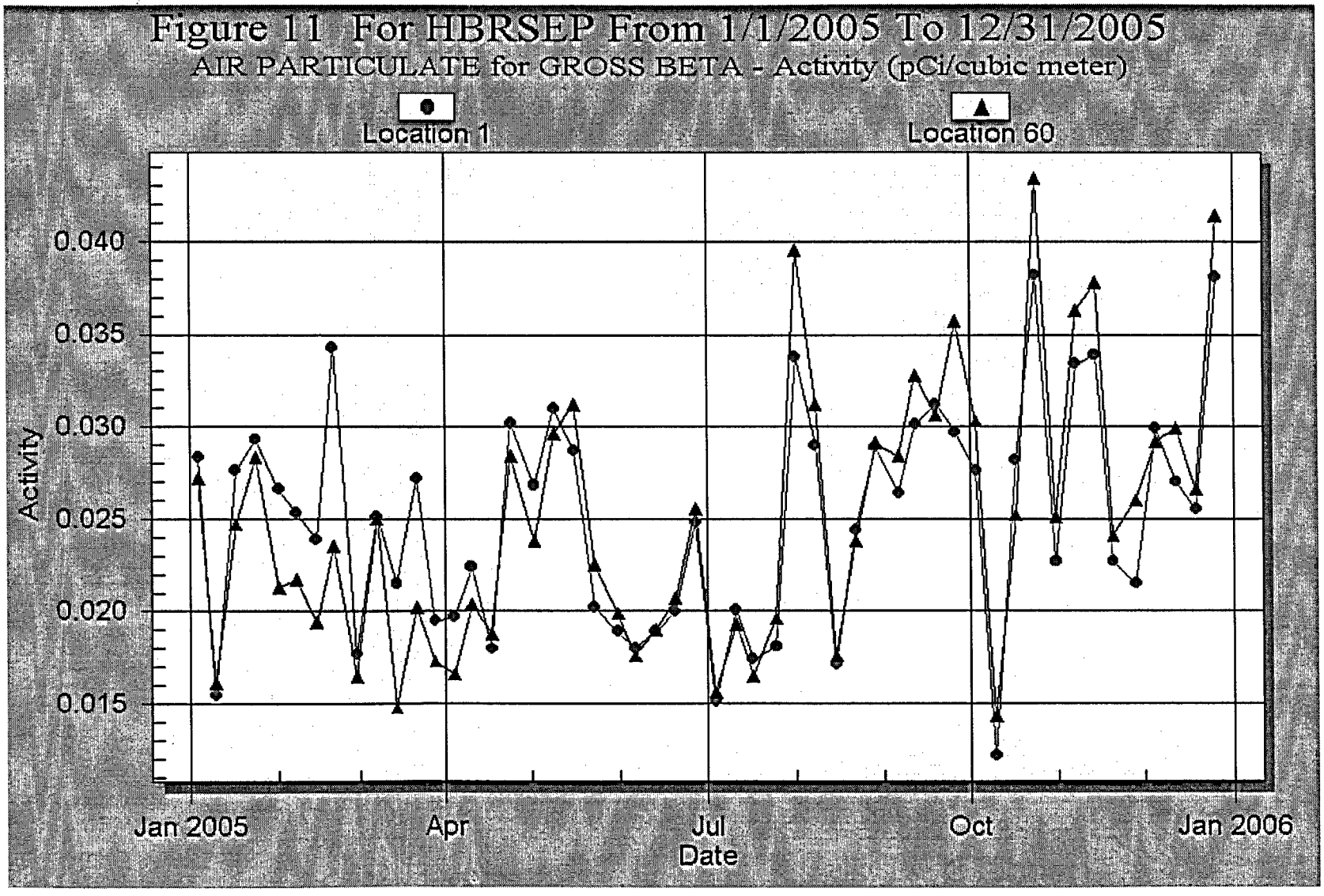
Figure 11 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 60
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0.035
0.030
0.025
0.020
0.015
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

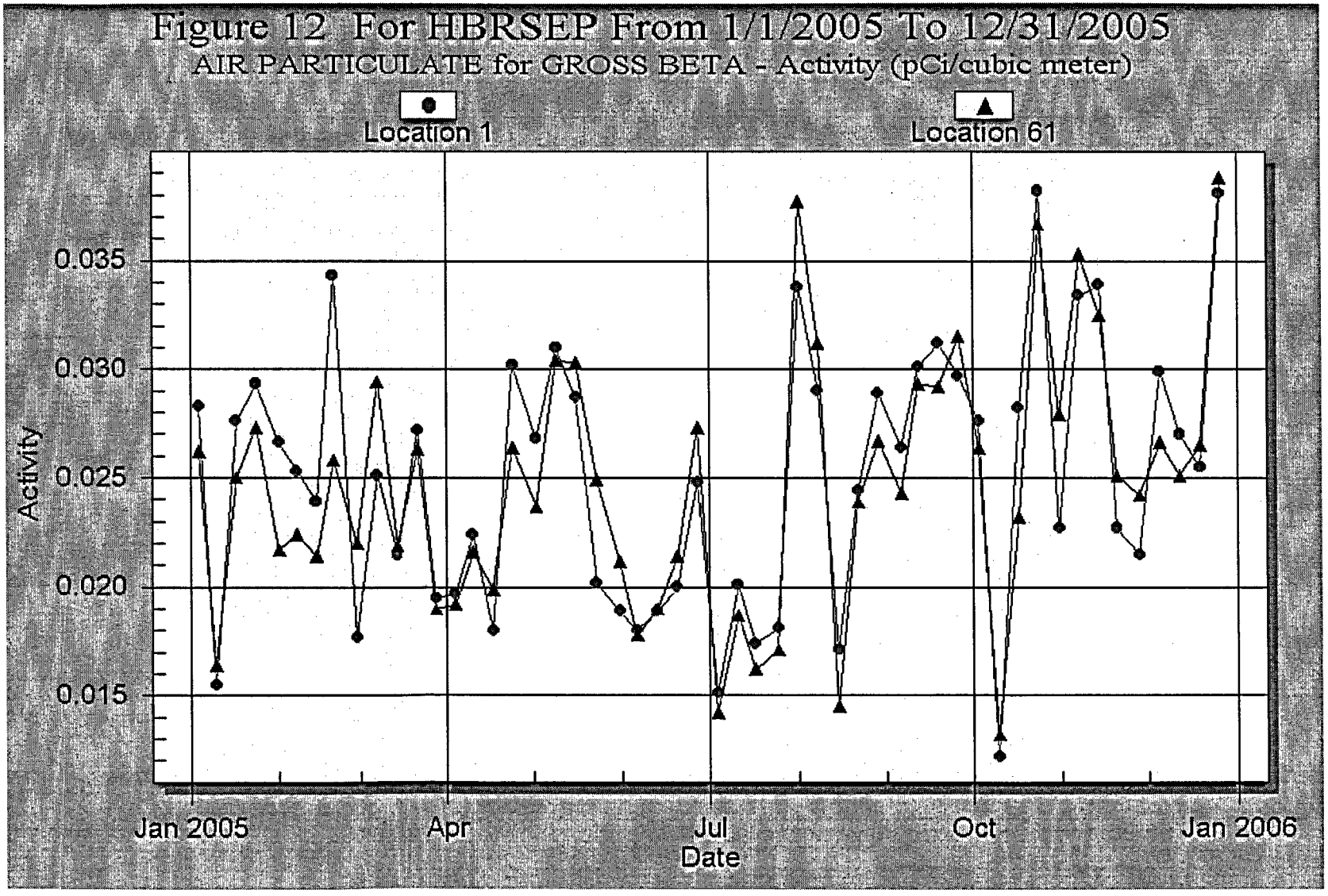


Figure 12 For HBRSEP From 1/1/2005 To 12/31/2005
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)
Location 1
Location 61
0.035
0.030
0.025
0.020
0.015
Activity
Jan 2005
Apr
Jul
Oct
Jan 2006
Date

Figure 13 RNP 2005
Surface Water Tritium

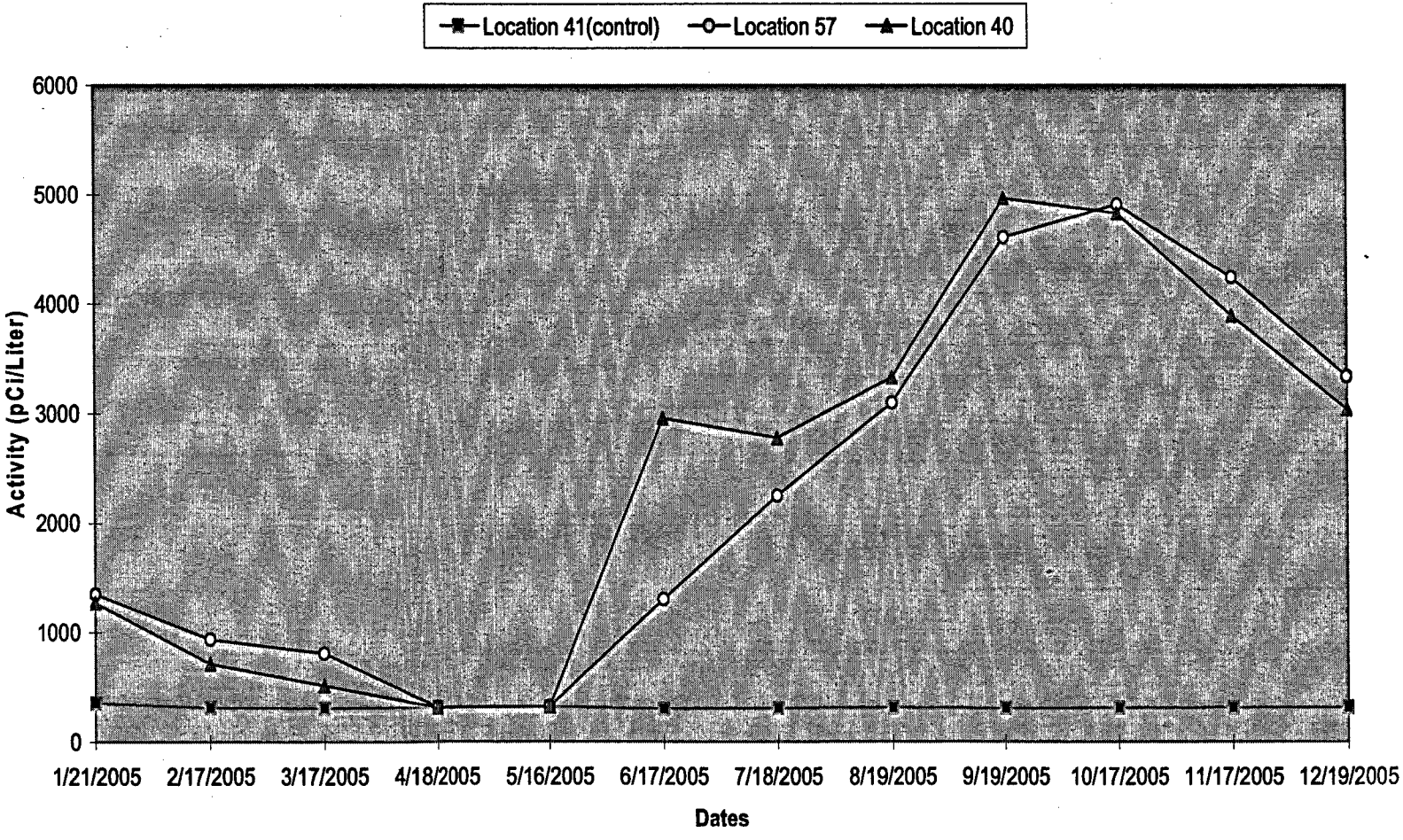
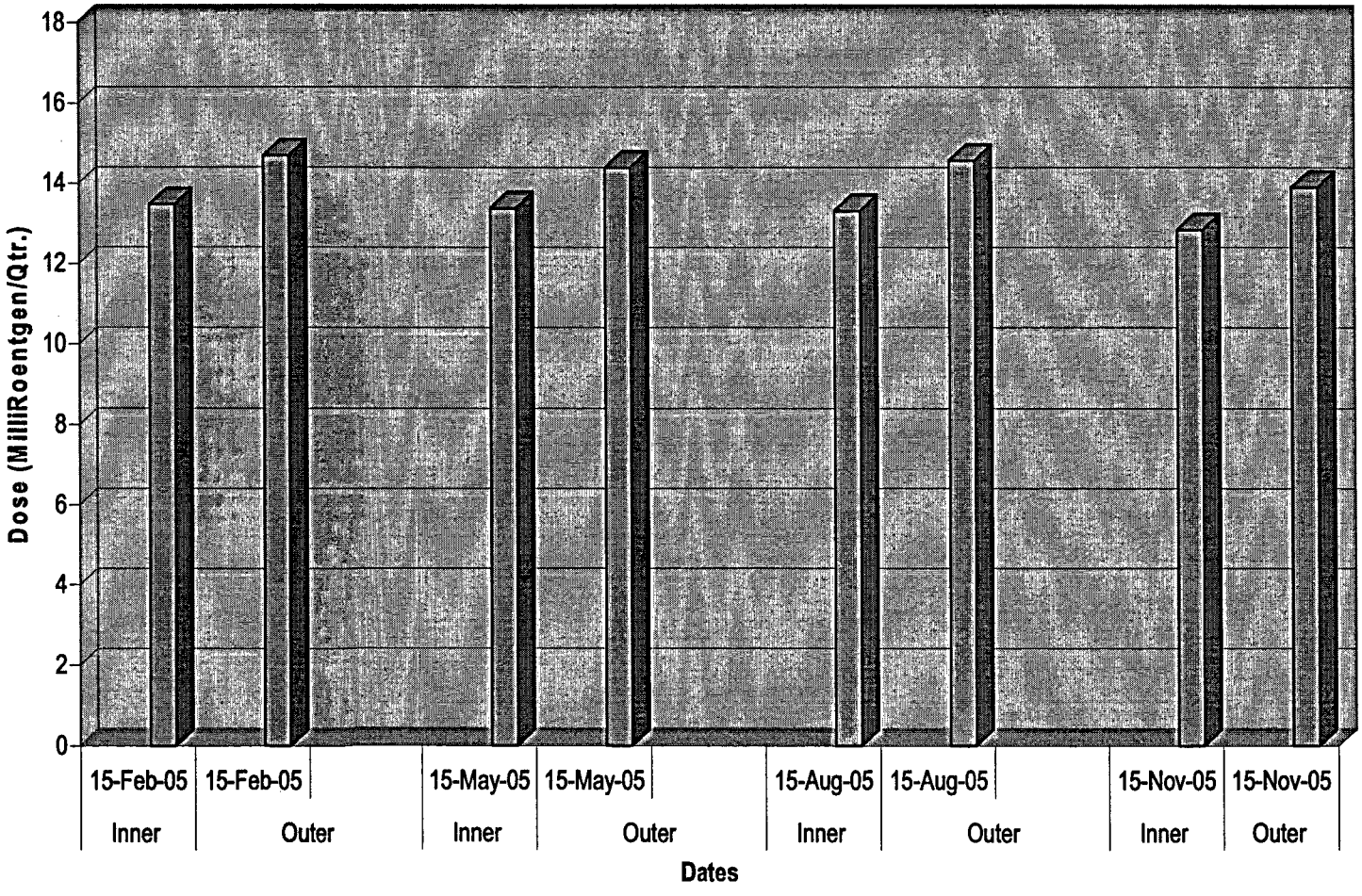


Figure 14 RNP 2005 TLD Averages for Inner and Outer Ring Locations



REPORT DATA FOR HBRSEP (RNP)

TLD Report
- 8 pages

Analysis Report
- 44 pages

Gamma Isotopic Report
- 48 pages

2005 HBRSEP (RNP)

Radiological Environmental Monitoring TLD Report

Comments

- TLDs # 61 and 65 were added to the program Second Quarter of 2005

- All RNP Environmental TLDs were present in 2005, except for the following TLD:
    - TLD # 36 Third Quarter of 2005

RNP Radiological Environmental Monitoring TLD Report

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
1	24.4 MI ESE - FLORENCE - CONTROL	2/15/2005	13.3	1.8
1	24.4 MI ESE - FLORENCE - CONTROL	5/15/2005	13	2.6
1	24.4 MI ESE - FLORENCE - CONTROL	8/15/2005	12.4	1.6
1	24.4 MI ESE - FLORENCE - CONTROL	11/15/2005	12.1	0.8
2	0.2 MI S - INFORMATION CENTER	2/15/2005	13.1	1.6
2	0.2 MI S - INFORMATION CENTER	5/15/2005	11.8	2.7
2	0.2 MI S - INFORMATION CENTER	8/15/2005	12.6	1.3
2	0.2 MI S - INFORMATION CENTER	11/15/2005	11.2	1
3	0.5 MI N - MICROWAVE TOWER	2/15/2005	15.2	2
3	0.5 MI N - MICROWAVE TOWER	5/15/2005	14	2.9
3	0.5 MI N - MICROWAVE TOWER	8/15/2005	14.8	1.7
3	0.5 MI N - MICROWAVE TOWER	11/15/2005	13.3	0.9
4	0.4 MI ESE - SPILLWAY	2/15/2005	12.1	1.6
4	0.4 MI ESE - SPILLWAY	5/15/2005	11	2.6
4	0.4 MI ESE - SPILLWAY	8/15/2005	9.4	1.5
4	0.4 MI ESE - SPILLWAY	11/15/2005	10.1	1.2
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSONS LA	2/15/2005	15.9	1.6
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSONS LA	5/15/2005	13.1	2.7
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSONS LA	8/15/2005	15.2	1.5
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSONS LA	11/15/2005	12.7	1.7
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/15/2005	13.2	1.9
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/15/2005	13.2	2.5

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/15/2005	12.4	1.3
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/15/2005	12.6	1
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVILLE	2/15/2005	14.3	2
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVILLE	5/15/2005	12	2.6
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVILLE	8/15/2005	13.6	1.9
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVILLE	11/15/2005	11.7	1
8	0.8 MI SSE - TRANSMISSION RIGHT-OF-WAY	2/15/2005	10.9	2.2
8	0.8 MI SSE - TRANSMISSION RIGHT-OF-WAY	5/15/2005	10.2	2.6
8	0.8 MI SSE - TRANSMISSION RIGHT-OF-WAY	8/15/2005	10.6	1.8
8	0.8 MI SSE - TRANSMISSION RIGHT-OF-WAY	11/15/2005	9.7	1.2
9	1.0 MI S - TRANSMISSION RIGHT-OF-WAY	2/15/2005	11.8	1.8
9	1.0 MI S - TRANSMISSION RIGHT-OF-WAY	5/15/2005	10.7	2.5
9	1.0 MI S - TRANSMISSION RIGHT-OF-WAY	8/15/2005	11.1	1.5
9	1.0 MI S - TRANSMISSION RIGHT-OF-WAY	11/15/2005	10.3	0.8
10	1.0 MI WSW - CLYDE CHURCH OF GOD	2/15/2005	12.6	1.7
10	1.0 MI WSW - CLYDE CHURCH OF GOD	5/15/2005	12.3	2.5
10	1.0 MI WSW - CLYDE CHURCH OF GOD	8/15/2005	12.1	1.7
10	1.0 MI WSW - CLYDE CHURCH OF GOD	11/15/2005	12.1	1.5
11	1.0 MI SW - OLD CAMDEN RD	2/15/2005	10.3	1.8
11	1.0 MI SW - OLD CAMDEN RD	5/15/2005	11	2.5
11	1.0 MI SW - OLD CAMDEN RD	8/15/2005	10	1.4
11	1.0 MI SW - OLD CAMDEN RD	11/15/2005	10.1	1.3
12	1.2 MI SSW-OFF OF OLD CAMDEN RD	2/15/2005	14.1	1.8
12	1.2 MI SSW-OFF OF OLD CAMDEN RD	5/15/2005	15.3	2.5

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
12	1.2 MI SSW-OFF OF OLD CAMDEN RD	8/15/2005	14.5	1.7
12	1.2 MI SSW-OFF OF OLD CAMDEN RD	11/15/2005	13.6	1.1
13	0.7 MI W- CORNER OF SALUDA AND SAMPIT RDS	2/15/2005	13.3	2.8
13	0.7 MI W- CORNER OF SALUDA AND SAMPIT RDS	5/15/2005	12.2	2.7
13	0.7 MI W- CORNER OF SALUDA AND SAMPIT RDS	8/15/2005	12.9	1.3
13	0.7 MI W- CORNER OF SALUDA AND SAMPIT RDS	11/15/2005	11.7	0.7
14	0.8 MI WNW - FIRST BAPTIST CHURCH OF PINE RIDGE	2/15/2005	15.1	1.8
14	0.8 MI WNW - FIRST BAPTIST CHURCH OF PINE RIDGE	5/15/2005	13.9	2.7
14	0.8 MI WNW - FIRST BAPTIST CHURCH OF PINE RIDGE	8/15/2005	14.5	1.5
14	0.8 MI WNW - FIRST BAPTIST CHURCH OF PINE RIDGE	11/15/2005	13.5	0.9
15	0.7 MI NW - TRANSMISSION RIGHT-OF-WAY	2/15/2005	11.7	1.9
15	0.7 MI NW - TRANSMISSION RIGHT-OF-WAY	5/15/2005	12.7	2.7
15	0.7 MI NW - TRANSMISSION RIGHT-OF-WAY	8/15/2005	11.1	1.3
15	0.7 MI NW - TRANSMISSION RIGHT-OF-WAY	11/15/2005	12.4	0.7
16	1.0 MI NNW - SOUTH SIDE OF DARLINGTON CO. IC TURBI	2/15/2005	12.6	2
16	1.0 MI NNW - SOUTH SIDE OF DARLINGTON CO. IC TURBI	5/15/2005	12.4	2.6
16	1.0 MI NNW - SOUTH SIDE OF DARLINGTON CO. IC TURBI	8/15/2005	12.7	1.6
16	1.0 MI NNW - SOUTH SIDE OF DARLINGTON CO. IC TURBI	11/15/2005	12.4	0.7
17	1.2 MI N - DARLINGTON CO. PLANT EMERGENCY FIRE PU	2/15/2005	14.6	1.9
17	1.2 MI N - DARLINGTON CO. PLANT EMERGENCY FIRE PU	5/15/2005	15.1	2.5
17	1.2 MI N - DARLINGTON CO. PLANT EMERGENCY FIRE PU	8/15/2005	14.3	1.3
17	1.2 MI N - DARLINGTON CO. PLANT EMERGENCY FIRE PU	11/15/2005	14.3	1.1
18	0.7 MI SE - NEAR OLD BLACK CREEK RR TRESTLE	2/15/2005	17.9	3.6
18	0.7 MI SE - NEAR OLD BLACK CREEK RR TRESTLE	5/15/2005	18	2.7

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
18	0.7 MI SE - NEAR OLD BLACK CREEK RR TRESTLE	8/15/2005	17.4	1.8
18	0.7 MI SE - NEAR OLD BLACK CREEK RR TRESTLE	11/15/2005	17.8	1.7
19	1.0 MI E - OLD CAMDEN RD (#S-16-23)	2/15/2005	13.1	2.5
19	1.0 MI E - OLD CAMDEN RD (#S-16-23)	5/15/2005	12.4	2.5
19	1.0 MI E - OLD CAMDEN RD (#S-16-23)	8/15/2005	12.6	1.5
19	1.0 MI E - OLD CAMDEN RD (#S-16-23)	11/15/2005	13	1.2
20	1.0 MI ENE - NEW MARKET RD (#S-16-39)	2/15/2005	15.3	1.9
20	1.0 MI ENE - NEW MARKET RD (#S-16-39)	5/15/2005	13.4	2.7
20	1.0 MI ENE - NEW MARKET RD (#S-16-39)	8/15/2005	14.6	2
20	1.0 MI ENE - NEW MARKET RD (#S-16-39)	11/15/2005	12.5	1.1
21	1.4 MI NE - NEW MARKET RD (#S-16-39)	2/15/2005	14.7	2.5
21	1.4 MI NE - NEW MARKET RD (#S-16-39)	5/15/2005	12.2	2.5
21	1.4 MI NE - NEW MARKET RD (#S-16-39)	8/15/2005	13.8	1.6
21	1.4 MI NE - NEW MARKET RD (#S-16-39)	11/15/2005	11.3	0.8
22	1.7 MI NNE - SHADY REST ENTRANCE OFF OF CLOVERDA	2/15/2005	11.1	1.9
22	1.7 MI NNE - SHADY REST ENTRANCE OFF OF CLOVERDA	5/15/2005	12.3	2.5
22	1.7 MI NNE - SHADY REST ENTRANCE OFF OF CLOVERDA	8/15/2005	11.4	1.4
22	1.7 MI NNE - SHADY REST ENTRANCE OFF OF CLOVERDA	11/15/2005	11.6	0.8
23	1.0 MI ESE - NEW MARKET RD (#S-16-39)	2/15/2005	14.7	1.7
23	1.0 MI ESE - NEW MARKET RD (#S-16-39)	5/15/2005	15.2	2.7
23	1.0 MI ESE - NEW MARKET RD (#S-16-39)	8/15/2005	14.3	1.6
23	1.0 MI ESE - NEW MARKET RD (#S-16-39)	11/15/2005	14.6	1.1
24	4.6 MI NW - SOWELL RD (#S-13-711)	2/15/2005	15.8	2.1
24	4.6 MI NW - SOWELL RD (#S-13-711)	5/15/2005	15.4	2.6

Dose: mR/std. qtr.

TLD	TLD Location Description	Sample Date	Dose	2 Sigma Error
24	4.6 MI NW - SOWELL RD (#S-13-711)	8/15/2005	15.7	2.1
24	4.6 MI NW - SOWELL RD (#S-13-711)	11/15/2005	15.5	1.2
25	4.0 MI NNW - LAKE ROBINSON RD (#S-13-346)	2/15/2005	15.8	2.2
25	4.0 MI NNW - LAKE ROBINSON RD (#S-13-346)	5/15/2005	13.7	3
25	4.0 MI NNW - LAKE ROBINSON RD (#S-13-346)	8/15/2005	15.3	2
25	4.0 MI NNW - LAKE ROBINSON RD (#S-13-346)	11/15/2005	13.2	0.7
26	5.0 MI N - LAKE ROBINSON RD (#S-13-346)	2/15/2005	14.4	2.1
26	5.0 MI N - LAKE ROBINSON RD (#S-13-346)	5/15/2005	14.1	2.9
26	5.0 MI N - LAKE ROBINSON RD (#S-13-346)	8/15/2005	13.9	1.3
26	5.0 MI N - LAKE ROBINSON RD (#S-13-346)	11/15/2005	13.7	1.6
27	5.4 MI NNE - PROSPECT CHURCH RD (#S-13-763)	2/15/2005	11.8	1.7
27	5.4 MI NNE - PROSPECT CHURCH RD (#S-13-763)	5/15/2005	11.3	2.5
27	5.4 MI NNE - PROSPECT CHURCH RD (#S-13-763)	8/15/2005	11.3	1.3
27	5.4 MI NNE - PROSPECT CHURCH RD (#S-13-763)	11/15/2005	11.1	1.7
28	4.3 MI NE - NEW MARKET RD (#S-13-39)	2/15/2005	15.4	2
28	4.3 MI NE - NEW MARKET RD (#S-13-39)	5/15/2005	17.7	2.9
28	4.3 MI NE - NEW MARKET RD (#S-13-39)	8/15/2005	15.8	1.3
28	4.3 MI NE - NEW MARKET RD (#S-13-39)	11/15/2005	16.4	0.8
29	4.0 MI ENE - RUBY RD (#S-16-20)	2/15/2005	12.9	2.1
29	4.0 MI ENE - RUBY RD (#S-16-20)	5/15/2005	10.1	2.7
29	4.0 MI ENE - RUBY RD (#S-16-20)	8/15/2005	12.6	1.5
29	4.0 MI ENE - RUBY RD (#S-16-20)	11/15/2005	10.2	0.9
30	4.4 MI E - RUBY RD (#S-16-20)	2/15/2005	12.7	2.4
30	4.4 MI E - RUBY RD (#S-16-20)	5/15/2005	14.1	2.5

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
30	4.4 MI E - RUBY RD (#S-16-20)	8/15/2005	13	1.5
30	4.4 MI E - RUBY RD (#S-16-20)	11/15/2005	13.2	0.7
31	4.6 MI ESE - ON LAKESHORE DRIVE	2/15/2005	15.6	1.8
31	4.6 MI ESE - ON LAKESHORE DRIVE	5/15/2005	14.2	2.5
31	4.6 MI ESE - ON LAKESHORE DRIVE	8/15/2005	16	1.6
31	4.6 MI ESE - ON LAKESHORE DRIVE	11/15/2005	13.5	1.4
32	4.0 MI SE - TRANSMISSION RIGHT-OF-WAY	2/15/2005	12.8	2
32	4.0 MI SE - TRANSMISSION RIGHT-OF-WAY	5/15/2005	12.5	2.6
32	4.0 MI SE - TRANSMISSION RIGHT-OF-WAY	8/15/2005	12.7	1.6
32	4.0 MI SE - TRANSMISSION RIGHT-OF-WAY	11/15/2005	12	2.3
33	4.5 MI SSE- ON BAY RD (#S-16-493)	2/15/2005	13.6	1.8
33	4.5 MI SSE- ON BAY RD (#S-16-493)	5/15/2005	14	2.5
33	4.5 MI SSE- ON BAY RD (#S-16-493)	8/15/2005	13	1.4
33	4.5 MI SSE- ON BAY RD (#S-16-493)	11/15/2005	13.8	1
34	4.7 MI S - ON KELLYBELL RD (#S-16-772)	2/15/2005	10.1	1.6
34	4.7 MI S - ON KELLYBELL RD (#S-16-772)	5/15/2005	10	2.6
34	4.7 MI S - ON KELLYBELL RD (#S-16-772)	8/15/2005	10.4	1.6
34	4.7 MI S - ON KELLYBELL RD (#S-16-772)	11/15/2005	9.5	1.2
35	4.5 MI SSW - KELLY BRIDGE RD (#S-31-51)	2/15/2005	18.4	1.9
35	4.5 MI SSW - KELLY BRIDGE RD (#S-31-51)	5/15/2005	19.9	3
35	4.5 MI SSW - KELLY BRIDGE RD (#S-31-51)	8/15/2005	20.7	1.8
35	4.5 MI SSW - KELLY BRIDGE RD (#S-31-51)	11/15/2005	19.1	1.5
36	5.0 MI SW - ON KINGSTON DRIVE	2/15/2005	18.6	2.3
36	5.0 MI SW - ON KINGSTON DRIVE	5/15/2005	19.3	2.5

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
36	5.0 MI SW - ON KINGSTON DRIVE	11/15/2005	18.5	1.9
37	5.0 MI WSW - PINE CONE RD	2/15/2005	20.6	4.2
37	5.0 MI WSW - PINE CONE RD	5/15/2005	19.9	2.9
37	5.0 MI WSW - PINE CONE RD	8/15/2005	21.1	1.3
37	5.0 MI WSW - PINE CONE RD	11/15/2005	19.5	3
38	4.9 MI W - AT UNION CHURCH RD	2/15/2005	14.7	2.5
38	4.9 MI W - AT UNION CHURCH RD	5/15/2005	14.9	2.5
38	4.9 MI W - AT UNION CHURCH RD	8/15/2005	14.1	1.6
38	4.9 MI W - AT UNION CHURCH RD	11/15/2005	13.7	0.7
39	5.1 MI WNW - KING'S POND RD	2/15/2005	14.4	1.7
39	5.1 MI WNW - KING'S POND RD	5/15/2005	14.6	2.8
39	5.1 MI WNW - KING'S POND RD	8/15/2005	13.7	1.7
39	5.1 MI WNW - KING'S POND RD	11/15/2005	14.1	0.9
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/15/2005	14.7	1.6
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/15/2005	14.8	2.6
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/15/2005	14.1	1.5
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/15/2005	13.8	0.9
56	0.4 MI NNW - NORTH OF THE CENTER OF THE 7P-ISFSI	2/15/2005	12.3	2.1
56	0.4 MI NNW - NORTH OF THE CENTER OF THE 7P-ISFSI	5/15/2005	11.6	2.6
56	0.4 MI NNW - NORTH OF THE CENTER OF THE 7P-ISFSI	8/15/2005	14	1.3
56	0.4 MI NNW - NORTH OF THE CENTER OF THE 7P-ISFSI	11/15/2005	11.8	0.9
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRACKS	5/15/2005	17.4	2.5
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRACKS	8/15/2005	17.4	1.6
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRACKS	11/15/2005	17.4	1.3

Dose: mR/std. qtr.

TLD	*TLD Location Description*	*Sample Date*	*Dose*	*2 Sigma Error*
65	NORTHWEST OF THE 24P-ISFSI 0.30 WNW	5/15/2005	15.7	2.6
65	NORTHWEST OF THE 24P-ISFSI 0.30 WNW	8/15/2005	16.1	1.6
65	NORTHWEST OF THE 24P-ISFSI 0.30 WNW	11/15/2005	15.7	1.4

2005 HBRSEP (RNP)

Radiological Environmental Monitoring Analysis Report

Comments

- Efficiency values are not included for AC samples requiring radioiodine analysis (I-131), because gamma software does not report these values.
- The Less than LLD (<LLD) represents that no activity was present, but lists the LLD values.
- There are no 2 sigma error values reported when activity is <LLD.

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
1	24.4 MI ESE - FLORENCE - CONTROL	1/4/2005	631.6	3.73E-01	2.83E-02	2.29E-03	1.59E-03
1	24.4 MI ESE - FLORENCE - CONTROL	1/10/2005	499.1	3.73E-01	1.55E-02	2.17E-03	2.15E-03
1	24.4 MI ESE - FLORENCE - CONTROL	1/17/2005	575	3.73E-01	2.76E-02	2.39E-03	1.70E-03
1	24.4 MI ESE - FLORENCE - CONTROL	1/24/2005	572.5	3.73E-01	2.93E-02	2.40E-03	1.51E-03
1	24.4 MI ESE - FLORENCE - CONTROL	2/1/2005	576.9	3.73E-01	2.66E-02	2.31E-03	1.56E-03
1	24.4 MI ESE - FLORENCE - CONTROL	2/7/2005	475.8	3.73E-01	2.53E-02	2.62E-03	2.16E-03
1	24.4 MI ESE - FLORENCE - CONTROL	2/14/2005	563.1	3.73E-01	2.39E-02	2.29E-03	1.75E-03
1	24.4 MI ESE - FLORENCE - CONTROL	2/20/2005	464	3.73E-01	3.43E-02	2.93E-03	2.00E-03
1	24.4 MI ESE - FLORENCE - CONTROL	2/28/2005	645.4	3.73E-01	1.77E-02	1.84E-03	1.42E-03
1	24.4 MI ESE - FLORENCE - CONTROL	3/7/2005	460.7	3.73E-01	2.51E-02	2.64E-03	2.14E-03
1	24.4 MI ESE - FLORENCE - CONTROL	3/14/2005	460.9	3.73E-01	2.15E-02	2.50E-03	2.17E-03
1	24.4 MI ESE - FLORENCE - CONTROL	3/21/2005	462.5	3.73E-01	2.72E-02	2.67E-03	1.99E-03
1	24.4 MI ESE - FLORENCE - CONTROL	3/28/2005	471.8	3.62E-01	1.95E-02	2.40E-03	2.10E-03
1	24.4 MI ESE - FLORENCE - CONTROL	4/4/2005	477	3.73E-01	1.97E-02	2.37E-03	2.11E-03
1	24.4 MI ESE - FLORENCE - CONTROL	4/10/2005	409.9	3.73E-01	2.24E-02	2.75E-03	2.47E-03
1	24.4 MI ESE - FLORENCE - CONTROL	4/17/2005	487.8	3.73E-01	1.80E-02	2.23E-03	1.96E-03
1	24.4 MI ESE - FLORENCE - CONTROL	4/24/2005	478.2	3.73E-01	3.02E-02	2.76E-03	2.04E-03
1	24.4 MI ESE - FLORENCE - CONTROL	5/2/2005	584.2	3.73E-01	2.68E-02	2.33E-03	1.66E-03
1	24.4 MI ESE - FLORENCE - CONTROL	5/9/2005	515	3.73E-01	3.10E-02	2.69E-03	1.97E-03
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	531.9	3.73E-01	2.87E-02	2.56E-03	1.92E-03
1	24.4 MI ESE - FLORENCE - CONTROL	5/23/2005	528.9	3.73E-01	2.02E-02	2.25E-03	1.93E-03
1	24.4 MI ESE - FLORENCE - CONTROL	5/31/2005	595.5	3.73E-01	1.89E-02	2.01E-03	1.63E-03
1	24.4 MI ESE - FLORENCE - CONTROL	6/6/2005	451.9	3.73E-01	1.80E-02	2.26E-03	1.85E-03
1	24.4 MI ESE - FLORENCE - CONTROL	6/13/2005	538.3	3.73E-01	1.89E-02	2.10E-03	1.66E-03
1	24.4 MI ESE - FLORENCE - CONTROL	6/20/2005	524.4	3.73E-01	2.00E-02	2.20E-03	1.77E-03
1	24.4 MI ESE - FLORENCE - CONTROL	6/27/2005	529.1	3.73E-01	2.48E-02	2.42E-03	1.89E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
1	24.4 MI ESE - FLORENCE - CONTROL	7/4/2005	527.7	3.73E-01	1.51E-02	1.97E-03	1.75E-03
1	24.4 MI ESE - FLORENCE - CONTROL	7/11/2005	534.6	3.73E-01	2.01E-02	2.16E-03	1.68E-03
1	24.4 MI ESE - FLORENCE - CONTROL	7/17/2005	448.8	3.73E-01	1.74E-02	2.32E-03	2.10E-03
1	24.4 MI ESE - FLORENCE - CONTROL	7/25/2005	604.5	3.73E-01	1.81E-02	1.94E-03	1.56E-03
1	24.4 MI ESE - FLORENCE - CONTROL	8/1/2005	530.8	3.73E-01	3.38E-02	2.73E-03	1.88E-03
1	24.4 MI ESE - FLORENCE - CONTROL	8/8/2005	517.7	3.73E-01	2.90E-02	2.62E-03	2.00E-03
1	24.4 MI ESE - FLORENCE - CONTROL	8/15/2005	519.8	3.73E-01	1.71E-02	2.10E-03	1.81E-03
1	24.4 MI ESE - FLORENCE - CONTROL	8/22/2005	525	3.73E-01	2.44E-02	2.37E-03	1.75E-03
1	24.4 MI ESE - FLORENCE - CONTROL	8/29/2005	527.5	3.73E-01	2.89E-02	2.54E-03	1.77E-03
1	24.4 MI ESE - FLORENCE - CONTROL	9/6/2005	594.3	3.73E-01	2.64E-02	2.28E-03	1.57E-03
1	24.4 MI ESE - FLORENCE - CONTROL	9/12/2005	449.1	3.73E-01	3.01E-02	2.79E-03	1.89E-03
1	24.4 MI ESE - FLORENCE - CONTROL	9/19/2005	531.8	3.73E-01	3.12E-02	2.61E-03	1.78E-03
1	24.4 MI ESE - FLORENCE - CONTROL	9/26/2005	508.7	3.73E-01	2.97E-02	2.61E-03	1.80E-03
1	24.4 MI ESE - FLORENCE - CONTROL	10/3/2005	526.3	3.73E-01	2.76E-02	2.45E-03	1.60E-03
1	24.4 MI ESE - FLORENCE - CONTROL	10/10/2005	523.8	3.73E-01	1.22E-02	1.91E-03	1.95E-03
1	24.4 MI ESE - FLORENCE - CONTROL	10/17/2005	514.2	3.73E-01	2.82E-02	2.52E-03	1.68E-03
1	24.4 MI ESE - FLORENCE - CONTROL	10/24/2005	518.7	3.73E-01	3.82E-02	2.89E-03	1.82E-03
1	24.4 MI ESE - FLORENCE - CONTROL	10/31/2005	507.4	3.73E-01	2.27E-02	2.36E-03	1.86E-03
1	24.4 MI ESE - FLORENCE - CONTROL	11/7/2005	510.5	3.73E-01	3.34E-02	2.76E-03	1.87E-03
1	24.4 MI ESE - FLORENCE - CONTROL	11/14/2005	512.4	3.73E-01	3.39E-02	2.75E-03	1.77E-03
1	24.4 MI ESE - FLORENCE - CONTROL	11/20/2005	437.7	3.73E-01	2.27E-02	2.66E-03	2.36E-03
1	24.4 MI ESE - FLORENCE - CONTROL	11/28/2005	570.6	3.73E-01	2.15E-02	2.22E-03	1.87E-03
1	24.4 MI ESE - FLORENCE - CONTROL	12/5/2005	508.6	3.88E-01	2.99E-02	2.59E-03	1.84E-03
1	24.4 MI ESE - FLORENCE - CONTROL	12/12/2005	489.3	3.88E-01	2.70E-02	2.53E-03	1.86E-03
1	24.4 MI ESE - FLORENCE - CONTROL	12/19/2005	479.5	3.88E-01	2.55E-02	2.49E-03	1.85E-03
1	24.4 MI ESE - FLORENCE - CONTROL	12/26/2005	462.7	3.88E-01	3.81E-02	2.99E-03	1.87E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
2	0.2 MI S - INFORMATION CENTER	1/4/2005	691.4	3.73E-01	2.84E-02	2.18E-03	1.46E-03
2	0.2 MI S - INFORMATION CENTER	1/10/2005	538.8	3.73E-01	1.83E-02	2.18E-03	1.99E-03
2	0.2 MI S - INFORMATION CENTER	1/17/2005	643.5	3.73E-01	2.70E-02	2.21E-03	1.51E-03
2	0.2 MI S - INFORMATION CENTER	1/24/2005	624.4	3.73E-01	3.21E-02	2.38E-03	1.38E-03
2	0.2 MI S - INFORMATION CENTER	2/1/2005	735.1	3.73E-01	2.36E-02	1.91E-03	1.22E-03
2	0.2 MI S - INFORMATION CENTER	2/7/2005	555.1	3.73E-01	2.47E-02	2.36E-03	1.85E-03
2	0.2 MI S - INFORMATION CENTER	2/14/2005	695.5	3.73E-01	2.23E-02	1.96E-03	1.42E-03
2	0.2 MI S - INFORMATION CENTER	2/20/2005	497.5	3.73E-01	3.51E-02	2.84E-03	1.87E-03
2	0.2 MI S - INFORMATION CENTER	2/28/2005	687.5	3.73E-01	2.34E-02	1.98E-03	1.33E-03
2	0.2 MI S - INFORMATION CENTER	3/7/2005	469.1	3.73E-01	3.65E-02	3.02E-03	2.11E-03
2	0.2 MI S - INFORMATION CENTER	3/14/2005	471.9	3.73E-01	2.31E-02	2.53E-03	2.12E-03
2	0.2 MI S - INFORMATION CENTER	3/21/2005	462.6	3.73E-01	3.18E-02	2.85E-03	1.99E-03
2	0.2 MI S - INFORMATION CENTER	3/28/2005	474.8	3.62E-01	2.03E-02	2.42E-03	2.09E-03
2	0.2 MI S - INFORMATION CENTER	4/4/2005	475.5	3.73E-01	2.14E-02	2.45E-03	2.12E-03
2	0.2 MI S - INFORMATION CENTER	4/10/2005	410.8	3.73E-01	2.86E-02	2.99E-03	2.47E-03
2	0.2 MI S - INFORMATION CENTER	4/17/2005	473.4	3.73E-01	2.34E-02	2.51E-03	2.02E-03
2	0.2 MI S - INFORMATION CENTER	4/24/2005	493.8	3.73E-01	3.01E-02	2.71E-03	1.97E-03
2	0.2 MI S - INFORMATION CENTER	5/2/2005	643.7	3.73E-01	2.21E-02	2.04E-03	1.50E-03
2	0.2 MI S - INFORMATION CENTER	5/9/2005	550.4	3.73E-01	2.86E-02	2.50E-03	1.84E-03
2	0.2 MI S - INFORMATION CENTER	5/16/2005	568.5	3.73E-01	3.05E-02	2.52E-03	1.79E-03
2	0.2 MI S - INFORMATION CENTER	5/23/2005	562.9	3.73E-01	2.34E-02	2.29E-03	1.81E-03
2	0.2 MI S - INFORMATION CENTER	5/31/2005	640.6	3.73E-01	1.98E-02	1.96E-03	1.51E-03
2	0.2 MI S - INFORMATION CENTER	6/6/2005	478.3	3.73E-01	1.61E-02	2.09E-03	1.75E-03
2	0.2 MI S - INFORMATION CENTER	6/13/2005	570.6	3.73E-01	1.73E-02	1.96E-03	1.57E-03
2	0.2 MI S - INFORMATION CENTER	6/20/2005	562.6	3.73E-01	2.03E-02	2.12E-03	1.65E-03
2	0.2 MI S - INFORMATION CENTER	6/27/2005	566.2	3.73E-01	2.30E-02	2.25E-03	1.77E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
2	0.2 MI S - INFORMATION CENTER	7/4/2005	571.7	3.73E-01	1.44E-02	1.84E-03	1.61E-03
2	0.2 MI S - INFORMATION CENTER	7/11/2005	568.4	3.73E-01	1.78E-02	1.99E-03	1.58E-03
2	0.2 MI S - INFORMATION CENTER	7/17/2005	489.8	3.73E-01	1.59E-02	2.12E-03	1.92E-03
2	0.2 MI S - INFORMATION CENTER	7/25/2005	653.6	3.73E-01	1.66E-02	1.79E-03	1.44E-03
2	0.2 MI S - INFORMATION CENTER	8/1/2005	572.5	3.73E-01	3.05E-02	2.50E-03	1.75E-03
2	0.2 MI S - INFORMATION CENTER	8/8/2005	572.2	3.73E-01	2.74E-02	2.41E-03	1.81E-03
2	0.2 MI S - INFORMATION CENTER	8/15/2005	565.5	3.73E-01	1.46E-02	1.86E-03	1.65E-03
2	0.2 MI S - INFORMATION CENTER	8/22/2005	574.8	3.73E-01	2.25E-02	2.17E-03	1.60E-03
2	0.2 MI S - INFORMATION CENTER	8/29/2005	568	3.73E-01	2.75E-02	2.38E-03	1.65E-03
2	0.2 MI S - INFORMATION CENTER	9/6/2005	644.8	3.73E-01	2.36E-02	2.07E-03	1.45E-03
2	0.2 MI S - INFORMATION CENTER	9/12/2005	481.8	3.73E-01	2.82E-02	2.61E-03	1.76E-03
2	0.2 MI S - INFORMATION CENTER	9/19/2005	575.9	3.73E-01	2.75E-02	2.37E-03	1.65E-03
2	0.2 MI S - INFORMATION CENTER	9/26/2005	554.9	3.73E-01	3.13E-02	2.54E-03	1.65E-03
2	0.2 MI S - INFORMATION CENTER	10/3/2005	568	3.73E-01	2.72E-02	2.33E-03	1.48E-03
2	0.2 MI S - INFORMATION CENTER	10/10/2005	564.3	3.73E-01	1.43E-02	1.91E-03	1.81E-03
2	0.2 MI S - INFORMATION CENTER	10/17/2005	547.3	3.73E-01	2.22E-02	2.20E-03	1.58E-03
2	0.2 MI S - INFORMATION CENTER	10/24/2005	552.8	3.73E-01	3.58E-02	2.71E-03	1.70E-03
2	0.2 MI S - INFORMATION CENTER	10/31/2005	547	3.73E-01	2.11E-02	2.19E-03	1.72E-03
2	0.2 MI S - INFORMATION CENTER	11/7/2005	555.2	3.73E-01	3.27E-02	2.60E-03	1.72E-03
2	0.2 MI S - INFORMATION CENTER	11/14/2005	554.1	3.73E-01	2.89E-02	2.53E-03	1.93E-03
2	0.2 MI S - INFORMATION CENTER	11/20/2005	469.4	3.73E-01	2.17E-02	2.50E-03	2.20E-03
2	0.2 MI S - INFORMATION CENTER	11/28/2005	604.8	3.73E-01	2.34E-02	2.21E-03	1.77E-03
2	0.2 MI S - INFORMATION CENTER	12/5/2005	551.5	3.88E-01	2.61E-02	2.34E-03	1.70E-03
2	0.2 MI S - INFORMATION CENTER	12/12/2005	543.6	3.88E-01	2.91E-02	2.45E-03	1.68E-03
2	0.2 MI S - INFORMATION CENTER	12/19/2005	460.4	3.88E-01	2.52E-02	2.54E-03	1.92E-03
2	0.2 MI S - INFORMATION CENTER	12/26/2005	529.4	3.88E-01	3.74E-02	2.75E-03	1.64E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
3	0.5 MI N - MICROWAVE TOWER	1/4/2005	950.8	3.73E-01	2.23E-02	1.64E-03	1.06E-03
3	0.5 MI N - MICROWAVE TOWER	1/10/2005	758.1	3.73E-01	1.26E-02	1.53E-03	1.42E-03
3	0.5 MI N - MICROWAVE TOWER	1/17/2005	886.9	3.73E-01	1.76E-02	1.54E-03	1.10E-03
3	0.5 MI N - MICROWAVE TOWER	1/24/2005	827.5	3.73E-01	2.13E-02	1.70E-03	1.04E-03
3	0.5 MI N - MICROWAVE TOWER	2/1/2005	1026.8	3.73E-01	1.79E-02	1.40E-03	8.77E-04
3	0.5 MI N - MICROWAVE TOWER	2/7/2005	814.9	3.73E-01	1.80E-02	1.65E-03	1.26E-03
3	0.5 MI N - MICROWAVE TOWER	2/14/2005	937.5	3.73E-01	1.61E-02	1.44E-03	1.05E-03
3	0.5 MI N - MICROWAVE TOWER	2/20/2005	661.4	3.73E-01	5.37E-03	1.23E-03	1.40E-03
3	0.5 MI N - MICROWAVE TOWER	2/28/2005	896.7	3.73E-01	1.68E-02	1.48E-03	1.02E-03
3	0.5 MI N - MICROWAVE TOWER	3/7/2005	597.8	3.73E-01	2.73E-02	2.33E-03	1.65E-03
3	0.5 MI N - MICROWAVE TOWER	3/14/2005	589.4	3.79E-01	1.72E-02	1.95E-03	1.67E-03
3	0.5 MI N - MICROWAVE TOWER	3/21/2005	596.5	3.73E-01	2.39E-02	2.18E-03	1.54E-03
3	0.5 MI N - MICROWAVE TOWER	3/28/2005	588.4	3.62E-01	1.45E-02	1.87E-03	1.68E-03
3	0.5 MI N - MICROWAVE TOWER	4/4/2005	597.3	3.73E-01	1.34E-02	1.79E-03	1.69E-03
3	0.5 MI N - MICROWAVE TOWER	4/10/2005	507.4	3.73E-01	1.79E-02	2.21E-03	2.00E-03
3	0.5 MI N - MICROWAVE TOWER	4/17/2005	605.1	3.73E-01	1.77E-02	1.94E-03	1.58E-03
3	0.5 MI N - MICROWAVE TOWER	4/24/2005	595.4	3.73E-01	2.29E-02	2.17E-03	1.64E-03
3	0.5 MI N - MICROWAVE TOWER	5/2/2005	554.2	3.73E-01	2.43E-02	2.32E-03	1.75E-03
3	0.5 MI N - MICROWAVE TOWER	5/9/2005	478.3	3.73E-01	2.94E-02	2.76E-03	2.12E-03
3	0.5 MI N - MICROWAVE TOWER	5/16/2005	479.3	3.73E-01	3.01E-02	2.78E-03	2.13E-03
3	0.5 MI N - MICROWAVE TOWER	5/23/2005	478.3	3.73E-01	2.38E-02	2.54E-03	2.13E-03
3	0.5 MI N - MICROWAVE TOWER	5/31/2005	542.9	3.73E-01	1.94E-02	2.15E-03	1.78E-03
3	0.5 MI N - MICROWAVE TOWER	6/6/2005	412.5	3.73E-01	1.67E-02	2.33E-03	2.02E-03
3	0.5 MI N - MICROWAVE TOWER	6/13/2005	483.6	3.73E-01	1.98E-02	2.28E-03	1.85E-03
3	0.5 MI N - MICROWAVE TOWER	6/20/2005	467.1	3.73E-01	2.20E-02	2.45E-03	1.99E-03
3	0.5 MI N - MICROWAVE TOWER	6/27/2005	489.7	3.73E-01	2.38E-02	2.50E-03	2.04E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
3	0.5 MI N - MICROWAVE TOWER	7/4/2005	495.8	3.73E-01	1.47E-02	2.03E-03	1.86E-03
3	0.5 MI N - MICROWAVE TOWER	7/11/2005	497.6	3.73E-01	1.86E-02	2.19E-03	1.81E-03
3	0.5 MI N - MICROWAVE TOWER	7/17/2005	424.3	3.73E-01	1.59E-02	2.33E-03	2.22E-03
3	0.5 MI N - MICROWAVE TOWER	7/25/2005	715.8	3.73E-01	1.77E-02	1.74E-03	1.32E-03
3	0.5 MI N - MICROWAVE TOWER	8/1/2005	629	3.73E-01	3.15E-02	2.40E-03	1.59E-03
3	0.5 MI N - MICROWAVE TOWER	8/8/2005	629.2	3.73E-01	2.87E-02	2.32E-03	1.65E-03
3	0.5 MI N - MICROWAVE TOWER	8/15/2005	626.1	3.73E-01	1.61E-02	1.82E-03	1.50E-03
3	0.5 MI N - MICROWAVE TOWER	8/22/2005	634.5	3.73E-01	2.26E-02	2.06E-03	1.45E-03
3	0.5 MI N - MICROWAVE TOWER	8/29/2005	633.6	3.73E-01	2.36E-02	2.10E-03	1.48E-03
3	0.5 MI N - MICROWAVE TOWER	9/6/2005	600.6	3.73E-01	2.56E-02	2.24E-03	1.56E-03
3	0.5 MI N - MICROWAVE TOWER	9/12/2005	453.2	3.73E-01	2.90E-02	2.73E-03	1.88E-03
3	0.5 MI N - MICROWAVE TOWER	9/19/2005	537.3	3.73E-01	2.92E-02	2.53E-03	1.77E-03
3	0.5 MI N - MICROWAVE TOWER	9/26/2005	518.6	3.73E-01	3.10E-02	2.63E-03	1.76E-03
3	0.5 MI N - MICROWAVE TOWER	10/3/2005	535.8	3.73E-01	2.65E-02	2.38E-03	1.57E-03
3	0.5 MI N - MICROWAVE TOWER	10/10/2005	535.7	3.73E-01	1.24E-02	1.89E-03	1.90E-03
3	0.5 MI N - MICROWAVE TOWER	10/17/2005	524.2	3.73E-01	2.18E-02	2.24E-03	1.65E-03
3	0.5 MI N - MICROWAVE TOWER	10/24/2005	532.2	3.73E-01	3.83E-02	2.85E-03	1.77E-03
3	0.5 MI N - MICROWAVE TOWER	10/31/2005	523.1	3.73E-01	2.16E-02	2.28E-03	1.80E-03
3	0.5 MI N - MICROWAVE TOWER	11/7/2005	527.8	3.73E-01	3.23E-02	2.67E-03	1.81E-03
3	0.5 MI N - MICROWAVE TOWER	11/14/2005	530.2	3.73E-01	3.33E-02	2.69E-03	1.79E-03
3	0.5 MI N - MICROWAVE TOWER	11/20/2005	452.6	3.73E-01	2.17E-02	2.56E-03	2.28E-03
3	0.5 MI N - MICROWAVE TOWER	11/28/2005	597	3.73E-01	2.11E-02	2.14E-03	1.79E-03
3	0.5 MI N - MICROWAVE TOWER	12/5/2005	528.8	3.88E-01	2.62E-02	2.40E-03	1.77E-03
3	0.5 MI N - MICROWAVE TOWER	12/12/2005	528.2	3.88E-01	2.66E-02	2.40E-03	1.73E-03
3	0.5 MI N - MICROWAVE TOWER	12/19/2005	516.8	3.88E-01	2.60E-02	2.40E-03	1.71E-03
3	0.5 MI N - MICROWAVE TOWER	12/26/2005	499	3.88E-01	3.74E-02	2.84E-03	1.73E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
4	0.4 MI ESE - SPILLWAY	1/4/2005	588.4	3.73E-01	3.16E-02	2.50E-03	1.71E-03
4	0.4 MI ESE - SPILLWAY	1/10/2005	439.8	3.73E-01	1.92E-02	2.53E-03	2.44E-03
4	0.4 MI ESE - SPILLWAY	1/17/2005	508	3.73E-01	2.99E-02	2.65E-03	1.92E-03
4	0.4 MI ESE - SPILLWAY	1/24/2005	508.4	3.73E-01	3.28E-02	2.70E-03	1.70E-03
4	0.4 MI ESE - SPILLWAY	2/1/2005	585.8	3.73E-01	2.09E-02	2.08E-03	1.54E-03
4	0.4 MI ESE - SPILLWAY	2/7/2005	433.9	3.73E-01	2.42E-02	2.73E-03	2.36E-03
4	0.4 MI ESE - SPILLWAY	2/14/2005	500.3	3.73E-01	1.99E-02	2.30E-03	1.97E-03
4	0.4 MI ESE - SPILLWAY	2/20/2005	418.7	3.73E-01	3.63E-02	3.19E-03	2.22E-03
4	0.4 MI ESE - SPILLWAY	2/28/2005	644.2	3.73E-01	2.19E-02	2.01E-03	1.42E-03
4	0.4 MI ESE - SPILLWAY	3/7/2005	421.6	3.73E-01	4.08E-02	3.37E-03	2.34E-03
4	0.4 MI ESE - SPILLWAY	3/14/2005	423.4	3.73E-01	2.03E-02	2.58E-03	2.36E-03
4	0.4 MI ESE - SPILLWAY	3/21/2005	403.7	3.73E-01	2.80E-02	2.94E-03	2.28E-03
4	0.4 MI ESE - SPILLWAY	3/28/2005	400	3.62E-01	1.70E-02	2.55E-03	2.48E-03
4	0.4 MI ESE - SPILLWAY	4/4/2005	408	3.73E-01	1.69E-02	2.50E-03	2.47E-03
4	0.4 MI ESE - SPILLWAY	4/10/2005	405.3	3.73E-01	2.03E-02	2.67E-03	2.50E-03
4	0.4 MI ESE - SPILLWAY	4/17/2005	214	3.73E-01	2.09E-02	4.09E-03	4.46E-03
4	0.4 MI ESE - SPILLWAY	4/24/2005	153.5	3.73E-01	2.66E-02	5.62E-03	6.35E-03
4	0.4 MI ESE - SPILLWAY	5/2/2005	583	3.73E-01	2.21E-02	2.16E-03	1.66E-03
4	0.4 MI ESE - SPILLWAY	5/9/2005	496.7	3.73E-01	2.90E-02	2.68E-03	2.04E-03
4	0.4 MI ESE - SPILLWAY	5/16/2005	509.7	3.73E-01	2.81E-02	2.61E-03	2.00E-03
4	0.4 MI ESE - SPILLWAY	5/23/2005	558.1	3.73E-01	2.30E-02	2.28E-03	1.83E-03
4	0.4 MI ESE - SPILLWAY	5/31/2005	631.4	3.73E-01	2.00E-02	1.98E-03	1.53E-03
4	0.4 MI ESE - SPILLWAY	6/6/2005	471.4	3.73E-01	1.66E-02	2.13E-03	1.77E-03
4	0.4 MI ESE - SPILLWAY	6/13/2005	560.2	3.73E-01	2.03E-02	2.11E-03	1.59E-03
4	0.4 MI ESE - SPILLWAY	6/20/2005	549.1	3.73E-01	2.16E-02	2.20E-03	1.69E-03
4	0.4 MI ESE - SPILLWAY	6/27/2005	552.3	3.73E-01	2.38E-02	2.32E-03	1.81E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
4	0.4 MI ESE - SPILLWAY	7/4/2005	554.3	3.73E-01	1.39E-02	1.85E-03	1.66E-03
4	0.4 MI ESE - SPILLWAY	7/11/2005	551.4	3.73E-01	1.61E-02	1.95E-03	1.63E-03
4	0.4 MI ESE - SPILLWAY	7/17/2005	463.2	3.73E-01	1.51E-02	2.16E-03	2.03E-03
4	0.4 MI ESE - SPILLWAY	7/25/2005	641.1	3.73E-01	1.54E-02	1.77E-03	1.47E-03
4	0.4 MI ESE - SPILLWAY	8/1/2005	554.4	3.73E-01	3.25E-02	2.62E-03	1.80E-03
4	0.4 MI ESE - SPILLWAY	8/8/2005	553.3	3.73E-01	2.86E-02	2.51E-03	1.88E-03
4	0.4 MI ESE - SPILLWAY	8/15/2005	546.8	3.73E-01	1.43E-02	1.90E-03	1.72E-03
4	0.4 MI ESE - SPILLWAY	8/22/2005	553	3.73E-01	2.19E-02	2.20E-03	1.67E-03
4	0.4 MI ESE - SPILLWAY	8/29/2005	540.9	3.73E-01	2.56E-02	2.38E-03	1.73E-03
4	0.4 MI ESE - SPILLWAY	9/6/2005	620.3	3.73E-01	2.46E-02	2.16E-03	1.51E-03
4	0.4 MI ESE - SPILLWAY	9/12/2005	465.2	3.73E-01	2.64E-02	2.59E-03	1.83E-03
4	0.4 MI ESE - SPILLWAY	9/19/2005	551.5	3.73E-01	2.65E-02	2.39E-03	1.72E-03
4	0.4 MI ESE - SPILLWAY	9/26/2005	532.7	3.73E-01	2.95E-02	2.54E-03	1.72E-03
4	0.4 MI ESE - SPILLWAY	10/3/2005	546.1	3.73E-01	2.51E-02	2.30E-03	1.54E-03
4	0.4 MI ESE - SPILLWAY	10/10/2005	538.6	3.73E-01	1.04E-02	1.78E-03	1.89E-03
4	0.4 MI ESE - SPILLWAY	10/17/2005	506.1	3.73E-01	2.39E-02	2.37E-03	1.71E-03
4	0.4 MI ESE - SPILLWAY	10/24/2005	530.4	3.73E-01	3.52E-02	2.75E-03	1.78E-03
4	0.4 MI ESE - SPILLWAY	10/31/2005	530	3.73E-01	2.11E-02	2.24E-03	1.78E-03
4	0.4 MI ESE - SPILLWAY	11/7/2005	531.1	3.73E-01	3.10E-02	2.61E-03	1.80E-03
4	0.4 MI ESE - SPILLWAY	11/14/2005	532.2	3.73E-01	3.32E-02	2.68E-03	1.78E-03
4	0.4 MI ESE - SPILLWAY	11/20/2005	419.6	3.73E-01	2.52E-02	2.83E-03	2.46E-03
4	0.4 MI ESE - SPILLWAY	11/28/2005	570.5	3.73E-01	2.15E-02	2.22E-03	1.87E-03
4	0.4 MI ESE - SPILLWAY	12/5/2005	500.9	3.88E-01	2.59E-02	2.47E-03	1.87E-03
4	0.4 MI ESE - SPILLWAY	12/12/2005	501.8	3.88E-01	2.70E-02	2.49E-03	1.82E-03
4	0.4 MI ESE - SPILLWAY	12/19/2005	482.4	3.88E-01	2.33E-02	2.40E-03	1.84E-03
4	0.4 MI ESE - SPILLWAY	12/26/2005	487.8	3.88E-01	3.55E-02	2.81E-03	1.77E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	1/4/2005	605.1	3.73E-01	2.98E-02	2.40E-03	1.66E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	1/10/2005	465.5	3.73E-01	1.67E-02	2.33E-03	2.31E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	1/17/2005	534.3	3.73E-01	2.41E-02	2.36E-03	1.82E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	1/24/2005	548.8	3.73E-01	2.78E-02	2.41E-03	1.58E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	2/1/2005	601.3	3.73E-01	2.51E-02	2.20E-03	1.50E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	2/7/2005	460	3.73E-01	2.31E-02	2.58E-03	2.23E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	2/14/2005	537.8	3.73E-01	2.21E-02	2.28E-03	1.84E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	2/20/2005	449.7	3.73E-01	8.27E-03	1.83E-03	2.06E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	2/28/2005	663.3	3.73E-01	2.00E-02	1.90E-03	1.38E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	3/7/2005	504.9	3.73E-01	3.09E-02	2.71E-03	1.96E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	3/14/2005	504.8	3.73E-01	2.07E-02	2.33E-03	1.98E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	3/21/2005	499.6	3.73E-01	2.90E-02	2.62E-03	1.84E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	3/28/2005	508.5	3.62E-01	1.82E-02	2.23E-03	1.95E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	4/4/2005	510.9	3.73E-01	1.75E-02	2.18E-03	1.97E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	4/10/2005	431.3	3.73E-01	2.54E-02	2.78E-03	2.35E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	4/17/2005	505.3	3.73E-01	1.93E-02	2.24E-03	1.89E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	4/24/2005	511.3	3.73E-01	2.83E-02	2.59E-03	1.91E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/2/2005	616.7	3.73E-01	2.11E-02	2.05E-03	1.57E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/9/2005	533.9	3.73E-01	2.97E-02	2.59E-03	1.90E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/16/2005	549.8	3.73E-01	2.90E-02	2.52E-03	1.85E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/23/2005	544.3	3.73E-01	2.36E-02	2.34E-03	1.87E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/31/2005	601.1	3.73E-01	1.87E-02	1.99E-03	1.61E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	6/6/2005	458.8	3.73E-01	1.55E-02	2.12E-03	1.82E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	6/13/2005	556.6	3.73E-01	2.00E-02	2.10E-03	1.61E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	6/20/2005	535.9	3.73E-01	2.14E-02	2.23E-03	1.73E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	6/27/2005	549.3	3.73E-01	2.30E-02	2.29E-03	1.82E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	7/4/2005	551	3.73E-01	1.42E-02	1.88E-03	1.67E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	7/11/2005	550.6	3.73E-01	1.81E-02	2.04E-03	1.64E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	7/17/2005	464.5	3.73E-01	1.65E-02	2.22E-03	2.03E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	7/25/2005	627.1	3.73E-01	1.76E-02	1.88E-03	1.50E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	8/1/2005	550.8	3.73E-01	3.46E-02	2.70E-03	1.82E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	8/8/2005	551.5	3.73E-01	2.66E-02	2.44E-03	1.88E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	8/15/2005	544.8	3.73E-01	1.48E-02	1.93E-03	1.73E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	8/22/2005	554.1	3.73E-01	2.20E-02	2.20E-03	1.66E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	8/29/2005	556.4	3.73E-01	2.41E-02	2.29E-03	1.68E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	9/6/2005	103.1	3.73E-01	2.69E-02	7.45E-03	9.07E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	9/12/2005	468.6	3.73E-01	2.68E-02	2.60E-03	1.81E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	9/19/2005	556.6	3.73E-01	2.71E-02	2.40E-03	1.70E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	9/26/2005	536.1	3.73E-01	2.92E-02	2.52E-03	1.71E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	10/3/2005	553.5	3.73E-01	2.54E-02	2.30E-03	1.52E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	10/10/2005	549.9	3.73E-01	1.38E-02	1.92E-03	1.85E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	10/17/2005	540.2	3.73E-01	2.22E-02	2.22E-03	1.60E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	10/24/2005	540.4	3.73E-01	3.61E-02	2.75E-03	1.74E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	10/31/2005	539.4	3.73E-01	1.95E-02	2.15E-03	1.75E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	11/7/2005	540.3	3.73E-01	3.11E-02	2.59E-03	1.77E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	11/14/2005	540.7	3.73E-01	3.05E-02	2.57E-03	1.75E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	11/20/2005	462	3.73E-01	2.02E-02	2.46E-03	2.23E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	11/28/2005	607.6	3.73E-01	2.22E-02	2.16E-03	1.76E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	12/5/2005	535.3	3.88E-01	2.59E-02	2.37E-03	1.75E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	12/12/2005	537.9	3.88E-01	2.71E-02	2.40E-03	1.69E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	12/19/2005	524.1	3.88E-01	2.12E-02	2.19E-03	1.69E-03
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	12/26/2005	526.1	3.88E-01	3.32E-02	2.62E-03	1.65E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/4/2005	823.2	3.73E-01	2.44E-02	1.85E-03	1.22E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/10/2005	618	3.73E-01	1.25E-02	1.75E-03	1.74E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/17/2005	784.8	3.73E-01	1.91E-02	1.71E-03	1.24E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/24/2005	670.7	3.73E-01	2.61E-02	2.09E-03	1.29E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/1/2005	817.9	3.73E-01	1.73E-02	1.58E-03	1.10E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/7/2005	633.7	3.73E-01	2.12E-02	2.05E-03	1.62E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/14/2005	721.9	3.73E-01	1.87E-02	1.79E-03	1.37E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/20/2005	604.6	3.73E-01	2.28E-02	2.12E-03	1.54E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/28/2005	829.4	3.73E-01	1.54E-02	1.50E-03	1.10E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/7/2005	635.6	3.73E-01	2.64E-02	2.21E-03	1.55E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/14/2005	626.4	3.73E-01	1.60E-02	1.84E-03	1.60E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/21/2005	623.9	3.73E-01	2.38E-02	2.12E-03	1.48E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/28/2005	612.4	3.62E-01	1.54E-02	1.86E-03	1.62E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/4/2005	612.2	3.73E-01	1.55E-02	1.85E-03	1.64E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/10/2005	573.5	3.73E-01	2.02E-02	2.13E-03	1.77E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/17/2005	682.7	3.73E-01	1.69E-02	1.76E-03	1.40E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/24/2005	678.8	3.73E-01	2.27E-02	2.00E-03	1.44E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/2/2005	659.2	3.73E-01	2.36E-02	2.06E-03	1.47E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/9/2005	565	3.73E-01	2.80E-02	2.44E-03	1.79E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/16/2005	569.1	3.73E-01	2.98E-02	2.50E-03	1.79E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/23/2005	570.4	3.73E-01	2.23E-02	2.23E-03	1.79E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/31/2005	650.1	3.73E-01	1.91E-02	1.91E-03	1.49E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/6/2005	487.5	3.73E-01	1.68E-02	2.10E-03	1.71E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/13/2005	569.6	3.73E-01	1.83E-02	2.00E-03	1.57E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/20/2005	553.1	3.73E-01	2.03E-02	2.14E-03	1.68E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/27/2005	563.8	3.73E-01	2.45E-02	2.32E-03	1.77E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/4/2005	562.1	3.73E-01	1.54E-02	1.91E-03.	1.64E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/11/2005	555.1	3.73E-01	1.81E-02	2.03E-03	1.62E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/17/2005	479.2	3.73E-01	1.64E-02	2.18E-03	1.97E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/25/2005	639.1	3.73E-01	1.86E-02	1.90E-03	1.47E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/1/2005	563.5	3.73E-01	3.63E-02	2.72E-03	1.78E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/8/2005	562.3	3.73E-01	3.11E-02	2.57E-03	1.85E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/15/2005	554.7	3.73E-01	1.54E-02	1.94E-03	1.70E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/22/2005	559.9	3.73E-01	2.42E-02	2.28E-03	1.65E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/29/2005	564.4	3.73E-01	2.76E-02	2.40E-03	1.66E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/6/2005	565.8	3.73E-01	2.74E-02	2.39E-03	1.65E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/12/2005	430.3	3.73E-01	3.05E-02	2.88E-03	1.97E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/19/2005	503.2	3.73E-01	3.19E-02	2.73E-03	1.88E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/26/2005	484.5	3.73E-01	3.40E-02	2.85E-03	1.89E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/3/2005	502.6	3.73E-01	3.06E-02	2.63E-03	1.68E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/10/2005	502.9	3.73E-01	1.35E-02	2.03E-03	2.03E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/17/2005	485.9	3.73E-01	2.40E-02	2.44E-03	1.78E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/24/2005	486.2	3.73E-01	4.07E-02	3.08E-03	1.94E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/31/2005	502	3.73E-01	2.10E-02	2.31E-03	1.88E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/7/2005	493.8	3.73E-01	3.65E-02	2.92E-03	1.93E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/14/2005	589.8	3.73E-01	3.28E-02	2.50E-03	1.54E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/20/2005	508.7	3.73E-01	2.18E-02	2.38E-03	2.03E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/28/2005	636.2	3.73E-01	2.11E-02	2.06E-03	1.68E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/5/2005	565.9	3.88E-01	2.69E-02	2.33E-03	1.66E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/12/2005	581.9	3.88E-01	2.71E-02	2.29E-03	1.57E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/19/2005	569.9	3.88E-01	2.39E-02	2.19E-03	1.55E-03
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/26/2005	505.3	3.88E-01	3.66E-02	2.80E-03	1.71E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	1/4/2005	772.1	3.73E-01	2.62E-02	1.98E-03	1.30E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	1/10/2005	601.7	3.73E-01	1.46E-02	1.87E-03	1.78E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	1/17/2005	696.1	3.73E-01	2.09E-02	1.90E-03	1.40E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	1/24/2005	676.2	3.73E-01	2.69E-02	2.11E-03	1.28E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/1/2005	774.7	3.73E-01	2.09E-02	1.76E-03	1.16E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/7/2005	593	3.73E-01	2.12E-02	2.13E-03	1.73E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/14/2005	693.5	3.73E-01	2.00E-02	1.88E-03	1.42E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/20/2005	578.7	3.73E-01	2.74E-02	2.35E-03	1.60E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/28/2005	788.5	3.73E-01	1.81E-02	1.65E-03	1.16E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	3/7/2005	558.9	3.73E-01	2.49E-02	2.34E-03	1.77E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	3/14/2005	561.9	3.73E-01	1.76E-02	2.05E-03	1.78E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	3/21/2005	553.9	3.73E-01	2.51E-02	2.32E-03	1.66E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	3/28/2005	561.6	3.62E-01	1.83E-02	2.10E-03	1.76E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	4/4/2005	564.4	3.73E-01	1.42E-02	1.90E-03	1.78E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	4/10/2005	482.7	3.73E-01	2.33E-02	2.51E-03	2.10E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	4/17/2005	570.7	3.73E-01	1.65E-02	1.96E-03	1.67E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	4/24/2005	563.7	3.73E-01	2.50E-02	2.32E-03	1.73E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/2/2005	786	3.73E-01	1.81E-02	1.67E-03	1.23E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/9/2005	674.9	3.73E-01	2.33E-02	2.04E-03	1.50E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/16/2005	696.8	3.73E-01	2.36E-02	2.02E-03	1.46E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/23/2005	692.4	3.73E-01	1.60E-02	1.74E-03	1.47E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/31/2005	886.9	3.73E-01	1.25E-02	1.34E-03	1.09E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	6/6/2005	483.6	3.73E-01	1.36E-02	1.95E-03	1.73E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	6/13/2005	704.6	3.73E-01	1.42E-02	1.59E-03	1.27E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	6/20/2005	684	3.73E-01	1.52E-02	1.68E-03	1.36E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	6/27/2005	636.9	3.73E-01	1.76E-02	1.89E-03	1.57E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	7/4/2005	626.6	3.73E-01	1.11E-02	1.59E-03	1.47E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	7/11/2005	631.3	3.73E-01	1.35E-02	1.68E-03	1.43E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	7/17/2005	538.5	3.73E-01	1.17E-02	1.80E-03	1.75E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	7/25/2005	708.8	3.73E-01	1.36E-02	1.58E-03	1.33E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	8/1/2005	628	3.73E-01	2.66E-02	2.24E-03	1.59E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	8/8/2005	623.5	3.73E-01	2.35E-02	2.16E-03	1.66E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	8/15/2005	620.9	3.73E-01	1.23E-02	1.66E-03	1.52E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	8/22/2005	625.9	3.73E-01	1.86E-02	1.92E-03	1.47E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	8/29/2005	622.2	3.73E-01	1.85E-02	1.92E-03	1.50E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	9/6/2005	702.7	3.73E-01	2.13E-02	1.89E-03	1.33E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	9/12/2005	528.7	3.73E-01	2.28E-02	2.26E-03	1.61E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	9/19/2005	628.5	3.73E-01	2.06E-02	2.00E-03	1.51E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	9/26/2005	602	3.73E-01	2.34E-02	2.14E-03	1.52E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	10/3/2005	617.8	3.73E-01	2.10E-02	1.99E-03	1.36E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	10/10/2005	616.9	3.73E-01	1.06E-02	1.63E-03	1.65E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	10/17/2005	602.9	3.73E-01	1.67E-02	1.85E-03	1.43E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	10/24/2005	447.1	3.73E-01	3.15E-02	2.91E-03	2.11E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	10/31/2005	437.7	3.73E-01	2.20E-02	2.56E-03	2.15E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/7/2005	498.1	3.73E-01	3.65E-02	2.90E-03	1.92E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/14/2005	501.1	3.73E-01	3.29E-02	2.75E-03	1.81E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/20/2005	428.6	3.73E-01	2.34E-02	2.72E-03	2.41E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/28/2005	564.9	3.73E-01	2.45E-02	2.35E-03	1.89E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	12/5/2005	506.5	3.88E-01	2.92E-02	2.57E-03	1.85E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	12/12/2005	491.6	3.88E-01	3.02E-02	2.64E-03	1.85E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	12/19/2005	486.9	3.88E-01	2.47E-02	2.44E-03	1.82E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	12/26/2005	487.3	3.88E-01	3.78E-02	2.89E-03	1.78E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/4/2005	622.5	3.73E-01	2.89E-02	2.33E-03	1.62E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/10/2005	479.1	3.73E-01	1.64E-02	2.27E-03	2.24E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/17/2005	548.7	3.73E-01	2.42E-02	2.33E-03	1.78E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/24/2005	539.1	3.73E-01	3.27E-02	2.61E-03	1.60E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/1/2005	614.5	3.73E-01	2.20E-02	2.06E-03	1.47E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/7/2005	465.8	3.73E-01	2.27E-02	2.55E-03	2.20E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/14/2005	540.3	3.73E-01	2.24E-02	2.29E-03	1.83E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/20/2005	455.4	3.73E-01	2.95E-02	2.79E-03	2.04E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/28/2005	667.1	3.73E-01	1.89E-02	1.85E-03	1.37E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/7/2005	473.1	3.73E-01	2.96E-02	2.77E-03	2.09E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/14/2005	473.1	3.73E-01	1.90E-02	2.35E-03	2.11E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/21/2005	461.3	3.73E-01	2.69E-02	2.66E-03	2.00E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/28/2005	609.5	3.62E-01	1.56E-02	1.88E-03	1.63E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/4/2005	317.7	3.73E-01	1.79E-02	3.02E-03	3.17E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/10/2005	503.5	3.73E-01	1.86E-02	2.25E-03	2.01E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/17/2005	581.4	3.73E-01	2.13E-02	2.13E-03	1.64E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/24/2005	581.4	3.73E-01	2.63E-02	2.32E-03	1.68E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/2/2005	668.2	3.73E-01	2.41E-02	2.07E-03	1.45E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/9/2005	572.7	3.73E-01	2.60E-02	2.35E-03	1.77E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	577.9	3.73E-01	2.91E-02	2.45E-03	1.76E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/23/2005	576.2	3.73E-01	2.17E-02	2.19E-03	1.77E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/31/2005	655	3.73E-01	1.97E-02	1.93E-03	1.48E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/6/2005	489.3	3.73E-01	1.70E-02	2.10E-03	1.71E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/13/2005	575.8	3.73E-01	1.72E-02	1.94E-03	1.55E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/20/2005	565.4	3.73E-01	2.04E-02	2.12E-03	1.64E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/27/2005	570.9	3.73E-01	2.36E-02	2.26E-03	1.75E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/4/2005	572.8	3.73E-01	1.41E-02	1.83E-03	1.61E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/11/2005	566.5	3.73E-01	1.89E-02	2.04E-03	1.59E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/17/2005	484.9	3.73E-01	1.56E-02	2.12E-03	1.94E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/25/2005	648.4	3.73E-01	1.70E-02	1.82E-03	1.45E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/1/2005	568.1	3.73E-01	3.42E-02	2.64E-03	1.76E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/8/2005	569.4	3.73E-01	3.14E-02	2.56E-03	1.82E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/15/2005	562.4	3.73E-01	1.56E-02	1.93E-03	1.67E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/22/2005	566.2	3.73E-01	2.37E-02	2.24E-03	1.63E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/29/2005	567.8	3.73E-01	2.58E-02	2.32E-03	1.65E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/6/2005	643.7	3.73E-01	2.63E-02	2.17E-03	1.45E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/12/2005	490.4	3.73E-01	2.86E-02	2.60E-03	1.73E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/19/2005	569.6	3.73E-01	2.84E-02	2.42E-03	1.66E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/26/2005	555.1	3.73E-01	3.01E-02	2.50E-03	1.65E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/3/2005	560.2	3.73E-01	2.68E-02	2.33E-03	1.50E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/10/2005	571	3.73E-01	1.14E-02	1.76E-03	1.78E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/17/2005	565.1	3.73E-01	2.48E-02	2.26E-03	1.53E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/24/2005	559.5	3.73E-01	4.13E-02	2.86E-03	1.68E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/31/2005	576.1	3.73E-01	2.07E-02	2.11E-03	1.63E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/7/2005	568.2	3.73E-01	3.26E-02	2.57E-03	1.68E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/14/2005	570.7	3.73E-01	3.15E-02	2.50E-03	1.59E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/20/2005	490.3	3.73E-01	2.02E-02	2.37E-03	2.10E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/28/2005	653.8	3.73E-01	2.08E-02	2.02E-03	1.63E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/5/2005	758.4	3.88E-01	1.95E-02	1.72E-03	1.24E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/12/2005	291	3.88E-01	4.69E-02	4.31E-03	3.13E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/19/2005	522.3	3.88E-01	2.39E-02	2.30E-03	1.70E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/26/2005	540	3.88E-01	3.61E-02	2.68E-03	1.60E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
60	0.2 MI SE - ROBINSON PICNIC AREA	1/4/2005	690.1	3.73E-01	2.72E-02	2.14E-03	1.46E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	1/10/2005	521.7	3.73E-01	1.61E-02	2.13E-03	2.06E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	1/17/2005	607.7	3.73E-01	2.47E-02	2.21E-03	1.60E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	1/24/2005	599.2	3.73E-01	2.83E-02	2.31E-03	1.44E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	2/1/2005	698	3.73E-01	2.13E-02	1.89E-03	1.29E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	2/7/2005	525.7	3.73E-01	2.17E-02	2.32E-03	1.95E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	2/14/2005	607.6	3.73E-01	1.94E-02	2.01E-03	1.63E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	2/20/2005	512.5	3.73E-01	2.35E-02	2.37E-03	1.81E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	2/28/2005	715.7	3.73E-01	1.65E-02	1.68E-03	1.28E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	3/7/2005	521.4	3.73E-01	2.50E-02	2.44E-03	1.89E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	3/14/2005	516.4	3.73E-01	1.48E-02	2.04E-03	1.94E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	3/21/2005	505.1	3.73E-01	2.02E-02	2.26E-03	1.82E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	3/28/2005	498.6	3.62E-01	1.73E-02	2.22E-03	1.99E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	4/4/2005	496.4	3.73E-01	1.66E-02	2.18E-03	2.03E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	4/10/2005	421.5	3.73E-01	2.04E-02	2.61E-03	2.40E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	4/17/2005	489.7	3.73E-01	1.88E-02	2.26E-03	1.95E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	4/24/2005	510.2	3.73E-01	2.84E-02	2.59E-03	1.91E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	5/2/2005	580.5	3.73E-01	2.38E-02	2.23E-03	1.67E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	5/9/2005	484.8	3.73E-01	2.96E-02	2.74E-03	2.09E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	5/16/2005	500.7	3.73E-01	3.12E-02	2.75E-03	2.04E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	5/23/2005	496.9	3.73E-01	2.25E-02	2.43E-03	2.05E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	5/31/2005	563.5	3.73E-01	1.99E-02	2.12E-03	1.72E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	6/6/2005	418	3.73E-01	1.76E-02	2.35E-03	2.00E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	6/13/2005	492.8	3.73E-01	1.90E-02	2.22E-03	1.81E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	6/20/2005	483.8	3.73E-01	2.07E-02	2.34E-03	1.92E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	6/27/2005	486.6	3.73E-01	2.55E-02	2.57E-03	2.06E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
60	0.2 MI SE - ROBINSON PICNIC AREA	7/4/2005	486.4	3.73E-01	1.56E-02	2.10E-03	1.89E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	7/11/2005	479.4	3.73E-01	1.93E-02	2.28E-03	1.88E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	7/17/2005	414	3.73E-01	1.65E-02	2.40E-03	2.27E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	7/25/2005	551.4	3.73E-01	1.96E-02	2.12E-03	1.71E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	8/1/2005	522.8	3.73E-01	3.95E-02	2.94E-03	1.91E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	8/8/2005	523.3	3.73E-01	3.12E-02	2.69E-03	1.98E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	8/15/2005	515.1	3.73E-01	1.76E-02	2.13E-03	1.83E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	8/22/2005	520.1	3.73E-01	2.38E-02	2.36E-03	1.77E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	8/29/2005	519	3.73E-01	2.91E-02	2.57E-03	1.80E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	9/6/2005	590.1	3.73E-01	2.84E-02	2.36E-03	1.58E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	9/12/2005	448.3	3.73E-01	3.28E-02	2.90E-03	1.90E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	9/19/2005	527.5	3.73E-01	3.06E-02	2.61E-03	1.80E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	9/26/2005	507.2	3.73E-01	3.57E-02	2.83E-03	1.80E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	10/3/2005	523.5	3.73E-01	3.03E-02	2.56E-03	1.61E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	10/10/2005	522.2	3.73E-01	1.43E-02	2.01E-03	1.95E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	10/17/2005	514.6	3.73E-01	2.52E-02	2.40E-03	1.68E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	10/24/2005	514.3	3.73E-01	4.34E-02	3.07E-03	1.83E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	10/31/2005	522.8	3.73E-01	2.51E-02	2.41E-03	1.80E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	11/7/2005	520.3	3.73E-01	3.63E-02	2.83E-03	1.84E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	11/14/2005	521.2	3.73E-01	3.78E-02	2.85E-03	1.74E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	11/20/2005	446.8	3.73E-01	2.41E-02	2.68E-03	2.31E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	11/28/2005	546.1	3.73E-01	2.60E-02	2.45E-03	1.96E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	12/5/2005	546.4	3.88E-01	2.92E-02	2.46E-03	1.71E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	12/12/2005	558.5	3.88E-01	2.99E-02	2.44E-03	1.63E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	12/19/2005	410.7	3.88E-01	2.66E-02	2.78E-03	2.16E-03
60	0.2 MI SE - ROBINSON PICNIC AREA	12/26/2005	485	3.88E-01	4.14E-02	3.02E-03	1.78E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	1/4/2005	696.1	3.73E-01	2.62E-02	2.10E-03	1.45E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	1/10/2005	574.4	3.73E-01	1.64E-02	2.01E-03	1.87E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	1/17/2005	663.2	3.73E-01	2.50E-02	2.11E-03	1.47E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	1/24/2005	639.6	3.73E-01	2.73E-02	2.19E-03	1.35E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	2/1/2005	745.2	3.73E-01	2.17E-02	1.83E-03	1.21E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	2/7/2005	580.4	3.73E-01	2.24E-02	2.21E-03	1.77E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	2/14/2005	676.6	3.73E-01	2.14E-02	1.96E-03	1.46E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	2/20/2005	563.4	3.73E-01	2.58E-02	2.33E-03	1.65E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	2/28/2005	685.7	3.73E-01	2.20E-02	1.94E-03	1.33E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	3/7/2005	485.2	3.73E-01	2.94E-02	2.72E-03	2.04E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	3/14/2005	498.1	3.73E-01	2.19E-02	2.39E-03	2.01E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	3/21/2005	541.6	3.73E-01	2.63E-02	2.40E-03	1.70E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	3/28/2005	531.9	3.62E-01	1.90E-02	2.20E-03	1.86E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	4/4/2005	531.8	3.73E-01	1.92E-02	2.19E-03	1.89E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	4/10/2005	461.6	3.73E-01	2.16E-02	2.51E-03	2.19E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	4/17/2005	523.4	3.73E-01	1.99E-02	2.22E-03	1.82E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	4/24/2005	546.3	3.73E-01	2.64E-02	2.42E-03	1.78E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/2/2005	565.3	3.73E-01	2.37E-02	2.26E-03	1.71E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/9/2005	484	3.73E-01	3.04E-02	2.77E-03	2.09E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/16/2005	521.9	3.73E-01	3.03E-02	2.65E-03	1.95E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/23/2005	518.5	3.73E-01	2.49E-02	2.46E-03	1.97E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/31/2005	590.1	3.73E-01	2.12E-02	2.11E-03	1.64E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	6/6/2005	440.5	3.73E-01	1.78E-02	2.29E-03	1.89E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	6/13/2005	523.4	3.73E-01	1.90E-02	2.14E-03	1.71E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	6/20/2005	517.6	3.73E-01	2.14E-02	2.28E-03	1.79E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	6/27/2005	523.2	3.73E-01	2.73E-02	2.53E-03	1.91E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	7/4/2005	527.3	3.73E-01	1.42E-02	1.93E-03	1.75E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	7/11/2005	522.7	3.73E-01	1.87E-02	2.13E-03	1.72E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	7/17/2005	449.6	3.73E-01	1.62E-02	2.26E-03	2.09E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	7/25/2005	600.9	3.73E-01	1.71E-02	1.91E-03	1.57E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	8/1/2005	523	3.73E-01	3.77E-02	2.88E-03	1.91E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	8/8/2005	525.6	3.73E-01	3.12E-02	2.68E-03	1.97E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	8/15/2005	518.5	3.73E-01	1.45E-02	1.98E-03	1.82E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	8/22/2005	525.4	3.73E-01	2.39E-02	2.35E-03	1.75E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	8/29/2005	523.1	3.73E-01	2.67E-02	2.47E-03	1.79E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	9/6/2005	593.4	3.73E-01	2.43E-02	2.21E-03	1.58E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	9/12/2005	442.9	3.73E-01	2.93E-02	2.78E-03	1.92E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	9/19/2005	527.5	3.73E-01	2.92E-02	2.56E-03	1.80E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	9/26/2005	509.2	3.73E-01	3.15E-02	2.68E-03	1.80E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	10/3/2005	521.5	3.73E-01	2.64E-02	2.42E-03	1.62E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	10/10/2005	521.6	3.73E-01	1.32E-02	1.96E-03	1.95E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	10/17/2005	505.6	3.73E-01	2.32E-02	2.35E-03	1.71E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	10/24/2005	508.7	3.73E-01	3.67E-02	2.87E-03	1.85E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	10/31/2005	484.1	3.73E-01	2.79E-02	2.64E-03	1.95E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/7/2005	492	3.73E-01	3.53E-02	2.89E-03	1.94E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/14/2005	501	3.73E-01	3.25E-02	2.73E-03	1.81E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/20/2005	419.9	3.73E-01	2.51E-02	2.83E-03	2.46E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/28/2005	536.1	3.73E-01	2.42E-02	2.41E-03	1.99E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	12/5/2005	552.5	3.88E-01	2.66E-02	2.35E-03	1.70E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	12/12/2005	551.3	3.88E-01	2.51E-02	2.29E-03	1.65E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	12/19/2005	429.7	3.88E-01	2.65E-02	2.70E-03	2.06E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	12/26/2005	475.9	3.88E-01	3.88E-02	2.96E-03	1.82E-03

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
1	24.4 MI ESE - FLORENCE - CONTROL	1/4/2005	631.6		<LLD		1.76E-02
1	24.4 MI ESE - FLORENCE - CONTROL	1/10/2005	499.1		<LLD		2.50E-02
1	24.4 MI ESE - FLORENCE - CONTROL	1/17/2005	575.0		<LLD		1.83E-02
1	24.4 MI ESE - FLORENCE - CONTROL	1/24/2005	572.5		<LLD		1.82E-02
1	24.4 MI ESE - FLORENCE - CONTROL	2/1/2005	576.9		<LLD		2.13E-02
1	24.4 MI ESE - FLORENCE - CONTROL	2/7/2005	475.8		<LLD		2.69E-02
1	24.4 MI ESE - FLORENCE - CONTROL	2/14/2005	563.1		<LLD		2.49E-02
1	24.4 MI ESE - FLORENCE - CONTROL	2/20/2005	464.0		<LLD		1.18E-02
1	24.4 MI ESE - FLORENCE - CONTROL	2/28/2005	645.4		<LLD		2.51E-02
1	24.4 MI ESE - FLORENCE - CONTROL	3/7/2005	460.7		<LLD		2.23E-02
1	24.4 MI ESE - FLORENCE - CONTROL	3/14/2005	460.9		<LLD		1.34E-02
1	24.4 MI ESE - FLORENCE - CONTROL	3/21/2005	462.5		<LLD		1.33E-02
1	24.4 MI ESE - FLORENCE - CONTROL	3/28/2005	471.8		<LLD		2.08E-02
1	24.4 MI ESE - FLORENCE - CONTROL	4/4/2005	477.0		<LLD		1.63E-02
1	24.4 MI ESE - FLORENCE - CONTROL	4/10/2005	409.9		<LLD		2.03E-02
1	24.4 MI ESE - FLORENCE - CONTROL	4/17/2005	487.8		<LLD		2.40E-02
1	24.4 MI ESE - FLORENCE - CONTROL	4/24/2005	478.2		<LLD		1.63E-02
1	24.4 MI ESE - FLORENCE - CONTROL	5/2/2005	584.2		<LLD		1.21E-02
1	24.4 MI ESE - FLORENCE - CONTROL	5/9/2005	515.0		<LLD		1.96E-02
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	531.9		<LLD		1.40E-02
1	24.4 MI ESE - FLORENCE - CONTROL	5/23/2005	528.9		<LLD		2.56E-02
1	24.4 MI ESE - FLORENCE - CONTROL	5/31/2005	595.5		<LLD		1.49E-02
1	24.4 MI ESE - FLORENCE - CONTROL	6/6/2005	451.9		<LLD		2.38E-02
1	24.4 MI ESE - FLORENCE - CONTROL	6/13/2005	538.3		<LLD		1.46E-02
1	24.4 MI ESE - FLORENCE - CONTROL	6/20/2005	524.4		<LLD		1.86E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
1	24.4 MI ESE - FLORENCE - CONTROL	6/27/2005	529.1		<LLD		1.71E-02
1	24.4 MI ESE - FLORENCE - CONTROL	7/4/2005	527.7		<LLD		1.36E-02
1	24.4 MI ESE - FLORENCE - CONTROL	7/11/2005	534.6		<LLD		1.71E-02
1	24.4 MI ESE - FLORENCE - CONTROL	7/17/2005	448.8		<LLD		2.60E-02
1	24.4 MI ESE - FLORENCE - CONTROL	7/25/2005	604.5		<LLD		1.13E-02
1	24.4 MI ESE - FLORENCE - CONTROL	8/1/2005	530.8		<LLD		1.66E-02
1	24.4 MI ESE - FLORENCE - CONTROL	8/8/2005	517.7		<LLD		1.29E-02
1	24.4 MI ESE - FLORENCE - CONTROL	8/15/2005	519.8		<LLD		1.64E-02
1	24.4 MI ESE - FLORENCE - CONTROL	8/22/2005	525.0		<LLD		2.01E-02
1	24.4 MI ESE - FLORENCE - CONTROL	8/29/2005	527.5		<LLD		1.62E-02
1	24.4 MI ESE - FLORENCE - CONTROL	9/6/2005	594.3		<LLD		1.12E-02
1	24.4 MI ESE - FLORENCE - CONTROL	9/12/2005	449.1		<LLD		1.73E-02
1	24.4 MI ESE - FLORENCE - CONTROL	9/19/2005	531.8		<LLD		1.90E-02
1	24.4 MI ESE - FLORENCE - CONTROL	9/26/2005	508.7		<LLD		2.77E-02
1	24.4 MI ESE - FLORENCE - CONTROL	10/3/2005	526.3		<LLD		2.41E-02
1	24.4 MI ESE - FLORENCE - CONTROL	10/10/2005	523.8		<LLD		1.46E-02
1	24.4 MI ESE - FLORENCE - CONTROL	10/17/2005	514.2		<LLD		2.15E-02
1	24.4 MI ESE - FLORENCE - CONTROL	10/24/2005	518.7		<LLD		2.53E-02
1	24.4 MI ESE - FLORENCE - CONTROL	10/31/2005	507.4		<LLD		2.11E-02
1	24.4 MI ESE - FLORENCE - CONTROL	11/7/2005	510.5		<LLD		1.45E-02
1	24.4 MI ESE - FLORENCE - CONTROL	11/14/2005	512.4		<LLD		1.69E-02
1	24.4 MI ESE - FLORENCE - CONTROL	11/20/2005	437.7		<LLD		2.30E-02
1	24.4 MI ESE - FLORENCE - CONTROL	11/28/2005	570.6		<LLD		1.48E-02
1	24.4 MI ESE - FLORENCE - CONTROL	12/5/2005	508.6		<LLD		2.12E-02
1	24.4 MI ESE - FLORENCE - CONTROL	12/12/2005	489.3		<LLD		1.93E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
1	24.4 MI ESE - FLORENCE - CONTROL	12/19/2005	479.5		<LLD		2.17E-02
1	24.4 MI ESE - FLORENCE - CONTROL	12/26/2005	462.7		<LLD		2.33E-02
2	0.2 MI S - INFORMATION CENTER	1/4/2005	691.4		<LLD		2.66E-02
2	0.2 MI S - INFORMATION CENTER	1/10/2005	538.8		<LLD		2.63E-02
2	0.2 MI S - INFORMATION CENTER	1/17/2005	643.5		<LLD		1.85E-02
2	0.2 MI S - INFORMATION CENTER	1/24/2005	624.4		<LLD		2.14E-02
2	0.2 MI S - INFORMATION CENTER	2/1/2005	735.1		<LLD		1.11E-02
2	0.2 MI S - INFORMATION CENTER	2/7/2005	555.1		<LLD		3.62E-02
2	0.2 MI S - INFORMATION CENTER	2/14/2005	695.5		<LLD		2.88E-02
2	0.2 MI S - INFORMATION CENTER	2/20/2005	497.5		<LLD		3.64E-02
2	0.2 MI S - INFORMATION CENTER	2/28/2005	687.5		<LLD		1.11E-02
2	0.2 MI S - INFORMATION CENTER	3/7/2005	469.1		<LLD		3.11E-02
2	0.2 MI S - INFORMATION CENTER	3/14/2005	471.9		<LLD		1.69E-02
2	0.2 MI S - INFORMATION CENTER	3/21/2005	462.6		<LLD		2.74E-02
2	0.2 MI S - INFORMATION CENTER	3/28/2005	474.8		<LLD		1.64E-02
2	0.2 MI S - INFORMATION CENTER	4/4/2005	475.5		<LLD		2.22E-02
2	0.2 MI S - INFORMATION CENTER	4/10/2005	410.8		<LLD		3.56E-02
2	0.2 MI S - INFORMATION CENTER	4/17/2005	473.4		<LLD		3.39E-02
2	0.2 MI S - INFORMATION CENTER	4/24/2005	493.8		<LLD		2.79E-02
2	0.2 MI S - INFORMATION CENTER	5/2/2005	643.7		<LLD		8.89E-03
2	0.2 MI S - INFORMATION CENTER	5/9/2005	550.4		<LLD		2.40E-02
2	0.2 MI S - INFORMATION CENTER	5/16/2005	568.5		<LLD		1.66E-02
2	0.2 MI S - INFORMATION CENTER	5/23/2005	562.9		<LLD		2.39E-02
2	0.2 MI S - INFORMATION CENTER	5/31/2005	640.6		<LLD		2.41E-02
2	0.2 MI S - INFORMATION CENTER	6/6/2005	478.3		<LLD		2.70E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
2	0.2 MI S - INFORMATION CENTER	6/13/2005	570.6		<LLD		2.44E-02
2	0.2 MI S - INFORMATION CENTER	6/20/2005	562.6		<LLD		1.56E-02
2	0.2 MI S - INFORMATION CENTER	6/27/2005	566.2		<LLD		2.88E-02
2	0.2 MI S - INFORMATION CENTER	7/4/2005	571.7		<LLD		2.36E-02
2	0.2 MI S - INFORMATION CENTER	7/11/2005	568.4		<LLD		1.43E-02
2	0.2 MI S - INFORMATION CENTER	7/17/2005	489.8		<LLD		2.80E-02
2	0.2 MI S - INFORMATION CENTER	7/25/2005	653.6		<LLD		1.59E-02
2	0.2 MI S - INFORMATION CENTER	8/1/2005	572.5		<LLD		2.84E-02
2	0.2 MI S - INFORMATION CENTER	8/8/2005	572.2		<LLD		2.43E-02
2	0.2 MI S - INFORMATION CENTER	8/15/2005	565.5		<LLD		2.72E-02
2	0.2 MI S - INFORMATION CENTER	8/22/2005	574.8		<LLD		2.34E-02
2	0.2 MI S - INFORMATION CENTER	8/29/2005	568.0		<LLD		1.62E-02
2	0.2 MI S - INFORMATION CENTER	9/6/2005	644.8		<LLD		1.64E-02
2	0.2 MI S - INFORMATION CENTER	9/12/2005	481.8		<LLD		2.48E-02
2	0.2 MI S - INFORMATION CENTER	9/19/2005	575.9		<LLD		9.60E-03
2	0.2 MI S - INFORMATION CENTER	9/26/2005	554.9		<LLD		1.47E-02
2	0.2 MI S - INFORMATION CENTER	10/3/2005	568.0		<LLD		2.53E-02
2	0.2 MI S - INFORMATION CENTER	10/10/2005	564.3		<LLD		2.42E-02
2	0.2 MI S - INFORMATION CENTER	10/17/2005	547.3		<LLD		2.61E-02
2	0.2 MI S - INFORMATION CENTER	10/24/2005	552.8		<LLD		1.60E-02
2	0.2 MI S - INFORMATION CENTER	10/31/2005	547.0		<LLD		1.45E-02
2	0.2 MI S - INFORMATION CENTER	11/7/2005	555.2		<LLD		2.46E-02
2	0.2 MI S - INFORMATION CENTER	11/14/2005	554.1		<LLD		1.31E-02
2	0.2 MI S - INFORMATION CENTER	11/20/2005	469.4		<LLD		3.15E-02
2	0.2 MI S - INFORMATION CENTER	11/28/2005	604.8		<LLD		1.91E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
2	0.2 MI S - INFORMATION CENTER	12/5/2005	551.5		<LLD		1.25E-02
2	0.2 MI S - INFORMATION CENTER	12/12/2005	543.6		<LLD		1.51E-02
2	0.2 MI S - INFORMATION CENTER	12/19/2005	460.4		<LLD		1.56E-02
2	0.2 MI S - INFORMATION CENTER	12/26/2005	529.4		<LLD		1.57E-02
3	0.5 MI N - MICROWAVE TOWER	1/4/2005	950.8		<LLD		8.15E-03
3	0.5 MI N - MICROWAVE TOWER	1/10/2005	758.1		<LLD		3.16E-02
3	0.5 MI N - MICROWAVE TOWER	1/17/2005	886.9		<LLD		1.19E-02
3	0.5 MI N - MICROWAVE TOWER	1/24/2005	827.5		<LLD		9.30E-03
3	0.5 MI N - MICROWAVE TOWER	2/1/2005	1026.8		<LLD		7.15E-03
3	0.5 MI N - MICROWAVE TOWER	2/7/2005	814.9		<LLD		9.26E-03
3	0.5 MI N - MICROWAVE TOWER	2/14/2005	937.5		<LLD		7.96E-03
3	0.5 MI N - MICROWAVE TOWER	2/20/2005	661.4		<LLD		1.62E-02
3	0.5 MI N - MICROWAVE TOWER	2/28/2005	896.7		<LLD		3.00E-02
3	0.5 MI N - MICROWAVE TOWER	3/7/2005	597.8		<LLD		2.17E-02
3	0.5 MI N - MICROWAVE TOWER	3/14/2005	589.4		<LLD		1.20E-02
3	0.5 MI N - MICROWAVE TOWER	3/21/2005	596.5		<LLD		1.67E-02
3	0.5 MI N - MICROWAVE TOWER	3/28/2005	588.4		<LLD		2.39E-02
3	0.5 MI N - MICROWAVE TOWER	4/4/2005	597.3		<LLD		1.60E-02
3	0.5 MI N - MICROWAVE TOWER	4/10/2005	507.4		<LLD		1.40E-02
3	0.5 MI N - MICROWAVE TOWER	4/17/2005	605.1		<LLD		1.61E-02
3	0.5 MI N - MICROWAVE TOWER	4/24/2005	595.4		<LLD		1.30E-02
3	0.5 MI N - MICROWAVE TOWER	5/2/2005	554.2		<LLD		1.96E-02
3	0.5 MI N - MICROWAVE TOWER	5/9/2005	478.3		<LLD		1.71E-02
3	0.5 MI N - MICROWAVE TOWER	5/16/2005	479.3		<LLD		1.60E-02
3	0.5 MI N - MICROWAVE TOWER	5/23/2005	478.3		<LLD		2.07E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
3	0.5 MI N - MICROWAVE TOWER	5/31/2005	542.9		<LLD		2.54E-02
3	0.5 MI N - MICROWAVE TOWER	6/6/2005	412.5		<LLD		2.40E-02
3	0.5 MI N - MICROWAVE TOWER	6/13/2005	483.6		<LLD		1.97E-02
3	0.5 MI N - MICROWAVE TOWER	6/20/2005	467.1		<LLD		1.54E-02
3	0.5 MI N - MICROWAVE TOWER	6/27/2005	489.7		<LLD		2.59E-02
3	0.5 MI N - MICROWAVE TOWER	7/4/2005	495.8		<LLD		1.81E-02
3	0.5 MI N - MICROWAVE TOWER	7/11/2005	497.6		<LLD		1.62E-02
3	0.5 MI N - MICROWAVE TOWER	7/17/2005	424.3		<LLD		2.03E-02
3	0.5 MI N - MICROWAVE TOWER	7/25/2005	715.8		<LLD		1.94E-02
3	0.5 MI N - MICROWAVE TOWER	8/1/2005	629.0		<LLD		8.00E-03
3	0.5 MI N - MICROWAVE TOWER	8/8/2005	629.2		<LLD		1.50E-02
3	0.5 MI N - MICROWAVE TOWER	8/15/2005	626.1		<LLD		1.15E-02
3	0.5 MI N - MICROWAVE TOWER	8/22/2005	634.5		<LLD		1.23E-02
3	0.5 MI N - MICROWAVE TOWER	8/29/2005	633.6		<LLD		1.20E-02
3	0.5 MI N - MICROWAVE TOWER	9/6/2005	600.6		<LLD		1.74E-02
3	0.5 MI N - MICROWAVE TOWER	9/12/2005	453.2		<LLD		1.52E-02
3	0.5 MI N - MICROWAVE TOWER	9/19/2005	537.3		<LLD		2.86E-02
3	0.5 MI N - MICROWAVE TOWER	9/26/2005	518.6		<LLD		3.07E-02
3	0.5 MI N - MICROWAVE TOWER	10/3/2005	535.8		<LLD		1.45E-02
3	0.5 MI N - MICROWAVE TOWER	10/10/2005	535.7		<LLD		3.00E-02
3	0.5 MI N - MICROWAVE TOWER	10/17/2005	524.2		<LLD		3.57E-02
3	0.5 MI N - MICROWAVE TOWER	10/24/2005	532.2		<LLD		3.03E-02
3	0.5 MI N - MICROWAVE TOWER	10/31/2005	523.1		<LLD		2.26E-02
3	0.5 MI N - MICROWAVE TOWER	11/7/2005	527.8		<LLD		1.81E-02
3	0.5 MI N - MICROWAVE TOWER	11/14/2005	530.2		<LLD		3.08E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
3	0.5 MI N - MICROWAVE TOWER	11/20/2005	452.6		<LLD		2.53E-02
3	0.5 MI N - MICROWAVE TOWER	11/28/2005	597.0		<LLD		1.16E-02
3	0.5 MI N - MICROWAVE TOWER	12/5/2005	528.8		<LLD		9.19E-03
3	0.5 MI N - MICROWAVE TOWER	12/12/2005	528.2		<LLD		2.40E-02
3	0.5 MI N - MICROWAVE TOWER	12/19/2005	516.8		<LLD		2.02E-02
3	0.5 MI N - MICROWAVE TOWER	12/26/2005	499.0		<LLD		1.73E-02
4	0.4 MI ESE - SPILLWAY	1/4/2005	588.4		<LLD		1.49E-02
4	0.4 MI ESE - SPILLWAY	1/10/2005	439.8		<LLD		4.65E-02
4	0.4 MI ESE - SPILLWAY	1/17/2005	508.0		<LLD		5.08E-02
4	0.4 MI ESE - SPILLWAY	1/24/2005	508.4		<LLD		3.52E-02
4	0.4 MI ESE - SPILLWAY	2/1/2005	585.8		<LLD		4.61E-02
4	0.4 MI ESE - SPILLWAY	2/7/2005	433.9		<LLD		5.82E-02
4	0.4 MI ESE - SPILLWAY	2/14/2005	500.3		<LLD		4.80E-02
4	0.4 MI ESE - SPILLWAY	2/20/2005	418.7		<LLD		5.40E-02
4	0.4 MI ESE - SPILLWAY	2/28/2005	644.2		<LLD		1.60E-02
4	0.4 MI ESE - SPILLWAY	3/7/2005	421.6		<LLD		2.80E-02
4	0.4 MI ESE - SPILLWAY	3/14/2005	423.4		<LLD		4.13E-02
4	0.4 MI ESE - SPILLWAY	3/21/2005	403.7		<LLD		2.93E-02
4	0.4 MI ESE - SPILLWAY	3/28/2005	400.0		<LLD		8.49E-03
4	0.4 MI ESE - SPILLWAY	4/4/2005	408.0		<LLD		3.91E-02
4	0.4 MI ESE - SPILLWAY	4/10/2005	405.3		<LLD		1.73E-02
4	0.4 MI ESE - SPILLWAY	4/17/2005	214.0		<LLD		4.41E-02
4	0.4 MI ESE - SPILLWAY	4/24/2005	153.5		<LLD		4.88E-02
4	0.4 MI ESE - SPILLWAY	5/2/2005	583.0		<LLD		2.31E-02
4	0.4 MI ESE - SPILLWAY	5/9/2005	496.7		<LLD		1.82E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
4	0.4 MI ESE - SPILLWAY	5/16/2005	509.7		<LLD		2.14E-02
4	0.4 MI ESE - SPILLWAY	5/23/2005	558.1		<LLD		2.12E-02
4	0.4 MI ESE - SPILLWAY	5/31/2005	631.4		<LLD		2.01E-02
4	0.4 MI ESE - SPILLWAY	6/6/2005	471.4		<LLD		2.30E-02
4	0.4 MI ESE - SPILLWAY	6/13/2005	560.2		<LLD		1.91E-02
4	0.4 MI ESE - SPILLWAY	6/20/2005	549.1		<LLD		1.79E-02
4	0.4 MI ESE - SPILLWAY	6/27/2005	552.3		<LLD		2.32E-02
4	0.4 MI ESE - SPILLWAY	7/4/2005	554.3		<LLD		3.42E-02
4	0.4 MI ESE - SPILLWAY	7/11/2005	551.4		<LLD		1.75E-02
4	0.4 MI ESE - SPILLWAY	7/17/2005	463.2		<LLD		3.03E-02
4	0.4 MI ESE - SPILLWAY	7/25/2005	641.1		<LLD		2.54E-02
4	0.4 MI ESE - SPILLWAY	8/1/2005	554.4		<LLD		3.39E-02
4	0.4 MI ESE - SPILLWAY	8/8/2005	553.3		<LLD		2.23E-02
4	0.4 MI ESE - SPILLWAY	8/15/2005	546.8		<LLD		3.30E-02
4	0.4 MI ESE - SPILLWAY	8/22/2005	553.0		<LLD		2.96E-02
4	0.4 MI ESE - SPILLWAY	8/29/2005	540.9		<LLD		2.91E-02
4	0.4 MI ESE - SPILLWAY	9/6/2005	620.3		<LLD		1.39E-02
4	0.4 MI ESE - SPILLWAY	9/12/2005	465.2		<LLD		1.97E-02
4	0.4 MI ESE - SPILLWAY	9/19/2005	551.5		<LLD		2.00E-02
4	0.4 MI ESE - SPILLWAY	9/26/2005	532.7		<LLD		1.78E-02
4	0.4 MI ESE - SPILLWAY	10/3/2005	546.1		<LLD		2.63E-02
4	0.4 MI ESE - SPILLWAY	10/10/2005	538.6		<LLD		7.10E-03
4	0.4 MI ESE - SPILLWAY	10/17/2005	506.1		<LLD		2.01E-02
4	0.4 MI ESE - SPILLWAY	10/24/2005	530.4		<LLD		1.76E-02
4	0.4 MI ESE - SPILLWAY	10/31/2005	530.0		<LLD		2.01E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
4	0.4 MI ESE - SPILLWAY	11/7/2005	531.1		<LLD		2.84E-02
4	0.4 MI ESE - SPILLWAY	11/14/2005	532.2		<LLD		1.59E-02
4	0.4 MI ESE - SPILLWAY	11/20/2005	419.6		<LLD		3.52E-02
4	0.4 MI ESE - SPILLWAY	11/28/2005	570.5		<LLD		2.57E-02
4	0.4 MI ESE - SPILLWAY	12/5/2005	500.9		<LLD		2.79E-02
4	0.4 MI ESE - SPILLWAY	12/12/2005	501.8		<LLD		3.61E-02
4	0.4 MI ESE - SPILLWAY	12/19/2005	482.4		<LLD		2.44E-02
4	0.4 MI ESE - SPILLWAY	12/26/2005	487.8		<LLD		3.11E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	1/4/2005	605.1		<LLD		1.26E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	1/10/2005	465.5		<LLD		2.67E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	1/17/2005	534.3		<LLD		1.36E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	1/24/2005	548.8		<LLD		2.33E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	2/1/2005	601.3		<LLD		2.04E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	2/7/2005	460.0		<LLD		2.79E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	2/14/2005	537.8		<LLD		2.38E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	2/20/2005	449.7		<LLD		3.53E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	2/28/2005	663.3		<LLD		2.32E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	3/7/2005	504.9		<LLD		1.44E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	3/14/2005	504.8		<LLD		2.06E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	3/21/2005	499.6		<LLD		2.02E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	3/28/2005	508.5		<LLD		1.31E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	4/4/2005	510.9		<LLD		1.63E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	4/10/2005	431.3		<LLD		2.68E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	4/17/2005	505.3		<LLD		2.90E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	4/24/2005	511.3		<LLD		2.52E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	5/2/2005	616.7		<LLD		1.95E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	5/9/2005	533.9		<LLD		1.08E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	5/16/2005	549.8		<LLD		2.71E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	5/23/2005	544.3		<LLD		1.51E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	5/31/2005	601.1		<LLD		2.18E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	6/6/2005	458.8		<LLD		1.84E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	6/13/2005	556.6		<LLD		2.21E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	6/20/2005	535.9		<LLD		2.19E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	6/27/2005	549.3		<LLD		1.97E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	7/4/2005	551.0		<LLD		2.08E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	7/11/2005	550.6		<LLD		1.01E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	7/17/2005	464.5		<LLD		1.92E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	7/25/2005	627.1		<LLD		1.76E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	8/1/2005	550.8		<LLD		1.83E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	8/8/2005	551.5		<LLD		1.69E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	8/15/2005	544.8		<LLD		1.70E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	8/22/2005	554.1		<LLD		1.73E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	8/29/2005	556.4		<LLD		1.68E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	9/6/2005	103.1		<LLD		9.83E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	9/12/2005	468.6		<LLD		1.72E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	9/19/2005	556.6		<LLD		2.24E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	9/26/2005	536.1		<LLD		2.02E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	10/3/2005	553.5		<LLD		3.10E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	10/10/2005	549.9		<LLD		3.20E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	10/17/2005	540.2		<LLD		2.17E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	10/24/2005	540.4		<LLD		3.03E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	10/31/2005	539.4		<LLD		2.17E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	11/7/2005	540.3		<LLD		2.19E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	11/14/2005	540.7		<LLD		1.83E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	11/20/2005	462.0		<LLD		2.41E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	11/28/2005	607.6		<LLD		1.09E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	12/5/2005	535.3		<LLD		1.88E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	12/12/2005	537.9		<LLD		1.40E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	12/19/2005	524.1		<LLD		1.55E-02
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHNSO	12/26/2005	526.1		<LLD		1.77E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/4/2005	823.2		<LLD		2.61E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/10/2005	618.0		<LLD		4.03E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/17/2005	784.8		<LLD		1.81E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	1/24/2005	670.7		<LLD		2.55E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/1/2005	817.9		<LLD		2.10E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/7/2005	633.7		<LLD		4.38E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/14/2005	721.9		<LLD		2.38E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/20/2005	604.6		<LLD		3.30E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/28/2005	829.4		<LLD		3.65E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/7/2005	635.6		<LLD		2.30E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/14/2005	626.4		<LLD		1.86E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/21/2005	623.9		<LLD		2.15E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	3/28/2005	612.4		<LLD		2.16E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/4/2005	612.2		<LLD		2.50E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/10/2005	573.5		<LLD		2.07E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/17/2005	682.7		<LLD		1.77E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	4/24/2005	678.8		<LLD		1.60E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/2/2005	659.2		<LLD		1.65E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/9/2005	565.0		<LLD		2.48E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/16/2005	569.1		<LLD		2.12E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/23/2005	570.4		<LLD		1.43E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/31/2005	650.1		<LLD		1.96E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/6/2005	487.5		<LLD		1.28E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/13/2005	569.6		<LLD		1.48E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/20/2005	553.1		<LLD		1.90E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	6/27/2005	563.8		<LLD		2.84E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/4/2005	562.1		<LLD		1.71E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/11/2005	555.1		<LLD		2.26E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/17/2005	479.2		<LLD		2.34E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	7/25/2005	639.1		<LLD		2.39E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/1/2005	563.5		<LLD		1.58E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/8/2005	562.3		<LLD		2.29E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/15/2005	554.7		<LLD		2.12E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/22/2005	559.9		<LLD		1.91E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/29/2005	564.4		<LLD		1.74E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/6/2005	565.8		<LLD		3.07E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/12/2005	430.3		<LLD		2.19E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/19/2005	503.2		<LLD		3.37E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	9/26/2005	484.5		<LLD		3.17E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/3/2005	502.6		<LLD		2.30E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/10/2005	502.9		<LLD		2.03E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/17/2005	485.9		<LLD		2.06E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/24/2005	486.2		<LLD		2.38E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	10/31/2005	502.0		<LLD		1.67E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/7/2005	493.8		<LLD		2.16E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/14/2005	589.8		<LLD		1.11E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/20/2005	508.7		<LLD		3.43E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/28/2005	636.2		<LLD		1.54E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/5/2005	565.9		<LLD		2.80E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/12/2005	581.9		<LLD		2.71E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/19/2005	569.9		<LLD		2.97E-02
6	0.2 MI SSW - NEAR INFORMATION CENTER	12/26/2005	505.3		<LLD		2.32E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	1/4/2005	772.1		<LLD		1.39E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	1/10/2005	601.7		<LLD		2.11E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	1/17/2005	696.1		<LLD		1.56E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	1/24/2005	676.2		<LLD		1.91E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	2/1/2005	774.7		<LLD		1.59E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	2/7/2005	593.0		<LLD		2.09E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	2/14/2005	693.5		<LLD		1.90E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	2/20/2005	578.7		<LLD		1.81E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	2/28/2005	788.5		<LLD		2.68E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	3/7/2005	558.9		<LLD		3.26E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	3/14/2005	561.9		<LLD		1.49E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	3/21/2005	553.9		<LLD		2.10E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	3/28/2005	561.6		<LLD		2.11E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	4/4/2005	564.4		<LLD		1.27E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	4/10/2005	482.7		<LLD		1.68E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	4/17/2005	570.7		<LLD		1.69E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	4/24/2005	563.7		<LLD		1.67E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	5/2/2005	786.0		<LLD		1.66E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	5/9/2005	674.9		<LLD		7.50E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	5/16/2005	696.8		<LLD		1.70E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	5/23/2005	692.4		<LLD		8.25E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	5/31/2005	886.9		<LLD		8.54E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	6/6/2005	483.6		<LLD		1.50E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	6/13/2005	704.6		<LLD		2.02E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	6/20/2005	684.0		<LLD		1.15E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	6/27/2005	636.9		<LLD		1.84E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	7/4/2005	626.6		<LLD		1.48E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	7/11/2005	631.3		<LLD		1.04E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	7/17/2005	538.5		<LLD		8.36E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	7/25/2005	708.8		<LLD		1.45E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	8/1/2005	628.0		<LLD		1.64E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	8/8/2005	623.5		<LLD		8.56E-03
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	8/15/2005	620.9		<LLD		1.60E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	8/22/2005	625.9		<LLD		1.73E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	8/29/2005	622.2		<LLD		1.26E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	9/6/2005	702.7		<LLD		1.81E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	9/12/2005	528.7		<LLD		1.19E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	9/19/2005	628.5		<LLD		1.59E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	9/26/2005	602.0		<LLD		1.11E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	10/3/2005	617.8		<LLD		1.85E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	10/10/2005	616.9		<LLD		2.51E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	10/17/2005	602.9		<LLD		2.15E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	10/24/2005	447.1		<LLD		3.24E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	10/31/2005	437.7		<LLD		2.25E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	11/7/2005	498.1		<LLD		1.75E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	11/14/2005	501.1		<LLD		1.63E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	11/20/2005	428.6		<LLD		1.45E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	11/28/2005	564.9		<LLD		1.11E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	12/5/2005	506.5		<LLD		1.59E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	12/12/2005	491.6		<LLD		1.74E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	12/19/2005	486.9		<LLD		1.84E-02
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HARTSVI	12/26/2005	487.3		<LLD		2.70E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/4/2005	622.5		<LLD		3.29E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/10/2005	479.1		<LLD		2.60E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/17/2005	548.7		<LLD		3.77E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	1/24/2005	539.1		<LLD		4.86E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/1/2005	614.5		<LLD		3.94E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/7/2005	465.8		<LLD		4.44E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/14/2005	540.3		<LLD		3.45E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/20/2005	455.4		<LLD		4.53E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/28/2005	667.1		<LLD		2.05E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/7/2005	473.1		<LLD		3.19E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/14/2005	473.1		<LLD		2.73E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/21/2005	461.3		<LLD		2.82E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	3/28/2005	609.5		<LLD		1.24E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/4/2005	317.7		<LLD		2.95E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/10/2005	503.5		<LLD		2.74E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/17/2005	581.4		<LLD		2.48E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	4/24/2005	581.4		<LLD		2.13E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/2/2005	668.2		<LLD		2.40E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/9/2005	572.7		<LLD		1.88E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	577.9		<LLD		2.33E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/23/2005	576.2		<LLD		2.09E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/31/2005	655.0		<LLD		1.84E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/6/2005	489.3		<LLD		2.61E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/13/2005	575.8		<LLD		2.94E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/20/2005	565.4		<LLD		9.45E-03
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	6/27/2005	570.9		<LLD		2.61E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/4/2005	572.8		<LLD		2.88E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/11/2005	566.5		<LLD		3.32E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/17/2005	484.9		<LLD		3.75E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	7/25/2005	648.4		<LLD		2.08E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/1/2005	568.1		<LLD		3.46E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/8/2005	569.4		<LLD		1.74E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/15/2005	562.4		<LLD		1.61E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/22/2005	566.2		<LLD		2.69E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/29/2005	567.8		<LLD		3.17E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/6/2005	643.7		<LLD		2.01E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/12/2005	490.4		<LLD		3.99E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/19/2005	569.6		<LLD		2.03E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	9/26/2005	555.1		<LLD		1.65E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/3/2005	560.2		<LLD		2.55E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/10/2005	571.0		<LLD		2.71E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/17/2005	565.1		<LLD		2.07E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/24/2005	559.5		<LLD		1.45E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	10/31/2005	576.1		<LLD		1.59E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/7/2005	568.2		<LLD		2.70E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/14/2005	570.7		<LLD		1.33E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/20/2005	490.3		<LLD		2.05E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/28/2005	653.8		<LLD		2.24E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/5/2005	758.4		<LLD		1.32E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/12/2005	291.0		<LLD		4.41E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/19/2005	522.3		<LLD		1.80E-02
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	12/26/2005	540.0		<LLD		3.49E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	1/4/2005	690.1		<LLD		1.61E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	1/10/2005	521.7		<LLD		4.35E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	1/17/2005	607.7		<LLD		1.69E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	1/24/2005	599.2		<LLD		2.23E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	2/1/2005	698.0		<LLD		1.77E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	2/7/2005	525.7		<LLD		3.02E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	2/14/2005	607.6		<LLD		1.95E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	2/20/2005	512.5		<LLD		2.42E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	2/28/2005	715.7		<LLD		3.07E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
60	0.2 MI SE - ROBINSON PICNIC AREA	3/7/2005	521.4		<LLD		2.53E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	3/14/2005	516.4		<LLD		1.77E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	3/21/2005	505.1		<LLD		1.00E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	3/28/2005	498.6		<LLD		3.44E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	4/4/2005	496.4		<LLD		1.86E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	4/10/2005	421.5		<LLD		2.14E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	4/17/2005	489.7		<LLD		2.28E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	4/24/2005	510.2		<LLD		1.25E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	5/2/2005	580.5		<LLD		2.09E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	5/9/2005	484.8		<LLD		1.59E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	5/16/2005	500.7		<LLD		1.74E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	5/23/2005	496.9		<LLD		1.53E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	5/31/2005	563.5		<LLD		1.92E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	6/6/2005	418.0		<LLD		1.23E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	6/13/2005	492.8		<LLD		2.18E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	6/20/2005	483.8		<LLD		2.32E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	6/27/2005	486.6		<LLD		2.63E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	7/4/2005	486.4		<LLD		1.71E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	7/11/2005	479.4		<LLD		2.06E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	7/17/2005	414.0		<LLD		1.30E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	7/25/2005	551.4		<LLD		1.61E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	8/1/2005	522.8		<LLD		2.29E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	8/8/2005	523.3		<LLD		1.67E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	8/15/2005	515.1		<LLD		1.43E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	8/22/2005	520.1		<LLD		1.98E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
60	0.2 MI SE - ROBINSON PICNIC AREA	8/29/2005	519.0		<LLD		2.07E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	9/6/2005	590.1		<LLD		1.61E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	9/12/2005	448.3		<LLD		2.18E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	9/19/2005	527.5		<LLD		3.22E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	9/26/2005	507.2		<LLD		2.35E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	10/3/2005	523.5		<LLD		2.08E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	10/10/2005	522.2		<LLD		2.14E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	10/17/2005	514.6		<LLD		2.29E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	10/24/2005	514.3		<LLD		2.77E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	10/31/2005	522.8		<LLD		2.72E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	11/7/2005	520.3		<LLD		2.35E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	11/14/2005	521.2		<LLD		1.65E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	11/20/2005	446.8		<LLD		3.51E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	11/28/2005	546.1		<LLD		1.40E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	12/5/2005	546.4		<LLD		1.71E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	12/12/2005	558.5		<LLD		1.45E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	12/19/2005	410.7		<LLD		1.56E-02
60	0.2 MI SE - ROBINSON PICNIC AREA	12/26/2005	485.0		<LLD		1.72E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	1/4/2005	696.1		<LLD		4.43E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	1/10/2005	574.4		<LLD		2.94E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	1/17/2005	663.2		<LLD		2.84E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	1/24/2005	639.6		<LLD		2.48E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	2/1/2005	745.2		<LLD		2.02E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	2/7/2005	580.4		<LLD		1.70E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	2/14/2005	676.6		<LLD		1.27E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	2/20/2005	563.4		<LLD		2.86E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	2/28/2005	685.7		<LLD		2.85E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	3/7/2005	485.2		<LLD		3.01E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	3/14/2005	498.1		<LLD		2.27E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	3/21/2005	541.6		<LLD		2.23E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	3/28/2005	531.9		<LLD		1.65E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	4/4/2005	531.8		<LLD		2.05E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	4/10/2005	461.6		<LLD		2.56E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	4/17/2005	523.4		<LLD		2.13E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	4/24/2005	546.3		<LLD		1.87E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	5/2/2005	565.3		<LLD		1.63E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	5/9/2005	484.0		<LLD		1.46E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	5/16/2005	521.9		<LLD		1.80E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	5/23/2005	518.5		<LLD		1.36E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	5/31/2005	590.1		<LLD		8.35E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	6/6/2005	440.5		<LLD		2.10E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	6/13/2005	523.4		<LLD		3.69E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	6/20/2005	517.6		<LLD		2.09E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	6/27/2005	523.2		<LLD		2.73E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	7/4/2005	527.3		<LLD		2.23E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	7/11/2005	522.7		<LLD		2.71E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	7/17/2005	449.6		<LLD		2.04E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	7/25/2005	600.9		<LLD		2.71E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	8/1/2005	523.0		<LLD		2.23E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	8/8/2005	525.6		<LLD		3.36E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge
Quantity: cubic meters
Concentration (Activity): pCi/cubic meter

Analysis: Iodine

Sample Point		*Sample Date*	*Quantity*	*Efficiency*	*Activity*	*2 Sigma Error*	*LLD*
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	8/15/2005	518.5		<LLD		2.08E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	8/22/2005	525.4		<LLD		2.24E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	8/29/2005	523.1		<LLD		1.88E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	9/6/2005	593.4		<LLD		3.11E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	9/12/2005	442.9		<LLD		2.17E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	9/19/2005	527.5		<LLD		2.28E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	9/26/2005	509.2		<LLD		2.07E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	10/3/2005	512.5		<LLD		2.47E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	10/10/2005	521.6		<LLD		2.84E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	10/17/2005	505.6		<LLD		2.02E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	10/24/2005	508.7		<LLD		1.55E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	10/31/2005	484.1		<LLD		2.21E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	11/7/2005	492.0		<LLD		1.98E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	11/14/2005	501.0		<LLD		2.60E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	11/20/2005	419.9		<LLD		2.51E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	11/28/2005	536.1		<LLD		1.85E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	12/5/2005	552.5		<LLD		9.58E-03
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	12/12/2005	551.3		<LLD		1.51E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	12/19/2005	429.7		<LLD		3.15E-02
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TRAC	12/26/2005	475.9		<LLD		2.44E-02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Groundwater
Quantity: Liters
Concentration (Activity): pCi/Liter

Analysis: Tritium

Sample Point		*Sample Date*	*Efficiency*	*Quantity*	*Activity*	*2 Sigma Error*	*LLD*
42	UNIT 1 OR UNIT 2 DEEP WELL	3/7/2005	0.422	0.005	<LLD		3.11E+02
42	UNIT 1 OR UNIT 2 DEEP WELL	6/27/2005	0.419	0.005	<LLD		3.09E+02
42	UNIT 1 OR UNIT 2 DEEP WELL	8/22/2005	0.416	0.005	<LLD		3.15E+02
42	UNIT 1 OR UNIT 2 DEEP WELL	11/28/2005	0.419	0.005	<LLD		3.07E+02
64	SC 23 @ BLACK CREEK	3/7/2005	0.423	0.005	<LLD		3.10E+02
64	SC 23 @ BLACK CREEK	6/27/2005	0.419	0.005	<LLD		3.09E+02
64	SC 23 @ BLACK CREEK	8/22/2005	0.418	0.005	<LLD		3.13E+02
64	SC 23 @ BLACK CREEK	11/28/2005	0.419	0.005	<LLD		3.07E+02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water
Quantity: Liters
Concentration (Activity): pCi/Liter

Analysis: Tritium

Sample Point		*Sample Date*	*Efficiency*	*Quantity*	*Activity*	*2 Sigma Error*	*LLD*
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	1/21/2005	0.423	0.005	1.27E+03	2.30E+02	3.53E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	2/17/2005	0.424	0.005	7.10E+02	1.96E+02	3.09E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	3/17/2005	0.424	0.005	5.10E+02	1.90E+02	3.03E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	4/18/2005	0.421	0.005	<LLD		3.14E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	5/16/2005	0.417	0.005	<LLD		3.21E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	6/17/2005	0.423	0.005	2.96E+03	2.14E+02	3.00E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	7/18/2005	0.422	0.005	2.78E+03	2.16E+02	3.06E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	8/19/2005	0.419	0.005	3.33E+03	2.23E+02	3.10E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	9/19/2005	0.422	0.005	4.97E+03	2.36E+02	3.05E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	10/17/2005	0.419	0.005	4.83E+03	2.37E+02	3.10E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	11/17/2005	0.413	0.005	3.89E+03	2.30E+02	3.13E+02
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-16-23) &	12/19/2005	0.42	0.005	3.04E+03	2.19E+02	3.08E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	1/21/2005	0.423	0.005	<LLD		3.53E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	2/17/2005	0.422	0.005	<LLD		3.11E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	3/17/2005	0.42	0.005	<LLD		3.06E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	4/18/2005	0.42	0.005	<LLD		3.14E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/16/2005	0.419	0.005	<LLD		3.20E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	6/17/2005	0.423	0.005	<LLD		3.00E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	7/18/2005	0.422	0.005	<LLD		3.06E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	8/19/2005	0.418	0.005	<LLD		3.10E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	9/19/2005	0.421	0.005	<LLD		3.06E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	10/17/2005	0.42	0.005	<LLD		3.09E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	11/17/2005	0.416	0.005	<LLD		3.11E+02
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	12/19/2005	0.415	0.005	<LLD		3.12E+02

RNP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water
Quantity: Liters
Concentration (Activity): pCi/Liter

Analysis: Tritium

Sample Point		Sample Date	Efficiency	Quantity	Activity	2 Sigma Error	LLD
57	ASH POND	1/21/2005	0.424	0.005	1.35E+03	2.31E+02	3.52E+02
57	ASH POND	2/17/2005	0.424	0.005	9.35E+02	1.98E+02	3.09E+02
57	ASH POND	3/17/2005	0.422	0.005	8.05E+02	1.94E+02	3.05E+02
57	ASH POND	4/18/2005	0.421	0.005	<LLD		3.14E+02
57	ASH POND	5/16/2005	0.418	0.005	<LLD		3.21E+02
57	ASH POND	6/17/2005	0.42	0.005	1.30E+03	1.98E+02	3.02E+02
57	ASH POND	7/18/2005	0.419	0.005	2.25E+03	2.12E+02	3.09E+02
57	ASH POND	8/19/2005	0.419	0.005	3.10E+03	2.21E+02	3.10E+02
57	ASH POND	9/19/2005	0.419	0.005	4.61E+03	2.34E+02	3.07E+02
57	ASH POND	10/17/2005	0.42	0.005	4.91E+03	2.37E+02	3.09E+02
57	ASH POND	11/17/2005	0.419	0.005	4.24E+03	2.31E+02	3.08E+02
57	ASH POND	12/19/2005	0.42	0.005	3.34E+03	2.22E+02	3.08E+02

2005 HBRSEP (RNP)

Radiological Environmental Monitoring Gamma Isotopic Report

Comments

- The Less than LLD (<LLD) represents that no activity was present, but lists the LLD values.
- There are no 2 sigma error values reported when activity is <LLD.
- NO-ACT refers to no detectable gamma activity being present in the samples. Refer to Table 6 for typical gamma Lower Limits of Detection for specific nuclides.

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate
Quantity: CUBIC METERS
Activity: pCi/cubic meter

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
1	24.4 MI ESE - FLORENCE - CONTROL	2/14/2005	6859.3	K-40	1.19E-02	9.33E-03	
1	24.4 MI ESE - FLORENCE - CONTROL	2/14/2005	6859.3	BE-7	9.91E-02	1.54E-02	
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	6652.1	PB-214	2.03E-03	6.91E-04	
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	6652.1	BE-7	1.32E-01	1.15E-02	
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	6652.1	TL-208	4.15E-04	3.20E-04	
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	6652.1	BI-214	1.53E-03	7.09E-04	
1	24.4 MI ESE - FLORENCE - CONTROL	5/16/2005	6652.1	PB-212	6.43E-04	4.98E-04	
1	24.4 MI ESE - FLORENCE - CONTROL	8/15/2005	6820.3	BE-7	1.21E-01	1.85E-02	
1	24.4 MI ESE - FLORENCE - CONTROL	8/15/2005	6820.3	PB-214	3.16E-03	1.53E-03	
1	24.4 MI ESE - FLORENCE - CONTROL	11/14/2005	6561.7	BE-7	1.12E-01	2.40E-02	
2	0.2 MI S - INFORMATION CENTER	2/14/2005	7547.2	BE-7	1.01E-01	2.08E-02	
2	0.2 MI S - INFORMATION CENTER	5/16/2005	6997.3	BE-7	1.46E-01	1.44E-02	
2	0.2 MI S - INFORMATION CENTER	8/15/2005	7393.9	BE-7	1.12E-01	1.94E-02	
2	0.2 MI S - INFORMATION CENTER	11/14/2005	7047.8	BE-7	1.23E-01	3.10E-02	
3	0.5 MI N - MICROWAVE TOWER	2/14/2005	10132.7	BE-7	8.09E-02	1.15E-02	
3	0.5 MI N - MICROWAVE TOWER	2/14/2005	10132.7	TL-208	3.00E-04	2.42E-04	
3	0.5 MI N - MICROWAVE TOWER	5/16/2005	6691.1	BI-214	1.22E-03	7.32E-04	
3	0.5 MI N - MICROWAVE TOWER	5/16/2005	6691.1	K-40	1.02E-02	5.95E-03	
3	0.5 MI N - MICROWAVE TOWER	5/16/2005	6691.1	BE-7	1.45E-01	1.15E-02	
3	0.5 MI N - MICROWAVE TOWER	5/16/2005	6691.1	PB-214	1.12E-03	7.64E-04	
3	0.5 MI N - MICROWAVE TOWER	8/15/2005	7395.6	BE-7	1.17E-01	2.02E-02	
3	0.5 MI N - MICROWAVE TOWER	11/14/2005	6831.4	K-40	9.51E-03	9.07E-03	
3	0.5 MI N - MICROWAVE TOWER	11/14/2005	6831.4	BE-7	1.43E-01	2.07E-02	
4	0.4 MI ESE - SPILLWAY	2/14/2005	6276.2	BE-7	1.01E-01	2.36E-02	
4	0.4 MI ESE - SPILLWAY	5/16/2005	6092.7	BE-7	1.37E-01	1.31E-02	
4	0.4 MI ESE - SPILLWAY	8/15/2005	7128.1	BE-7	1.00E-01	1.87E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate
Quantity: CUBIC METERS
Activity: pCi/cubic meter

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
4	0.4 MI ESE - SPILLWAY	11/14/2005	6677.5	BE-7	1.30E-01	1.88E-02	
4	0.4 MI ESE - SPILLWAY	11/14/2005	6677.5	PB-212	1.04E-03	9.30E-04	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	2/14/2005	6883.6	BE-7	1.00E-01	1.65E-02	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/16/2005	6905.2	PB-212	8.62E-04	4.11E-04	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/16/2005	6905.2	PB-214	1.77E-03	7.43E-04	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/16/2005	6905.2	BE-7	1.40E-01	1.15E-02	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	5/16/2005	6905.2	BI-214	1.69E-03	6.74E-04	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	8/15/2005	6615.2	BE-7	1.18E-01	2.12E-02	
5	0.9 MI ENE - EAST SHORE OF LAKE NEAR JOHN	11/14/2005	6997.4	BE-7	1.19E-01	2.10E-02	
6	0.2 MI SSW - NEAR INFORMATION CENTER	2/14/2005	9002.5	BE-7	9.77E-02	1.61E-02	
6	0.2 MI SSW - NEAR INFORMATION CENTER	5/16/2005	7735	BE-7	1.43E-01	1.46E-02	
6	0.2 MI SSW - NEAR INFORMATION CENTER	8/15/2005	7024.1	BE-7	1.39E-01	2.43E-02	
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/14/2005	6931.1	BE-7	1.21E-01	1.97E-02	
6	0.2 MI SSW - NEAR INFORMATION CENTER	11/14/2005	6931.1	K-40	1.58E-02	1.02E-02	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/14/2005	8410.8	BE-7	8.09E-02	1.41E-02	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/14/2005	8410.8	PB-212	6.57E-04	5.80E-04	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	2/14/2005	8410.8	BI-214	1.63E-03	8.38E-04	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/16/2005	8427.6	PB-214	1.84E-03	6.14E-04	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/16/2005	8427.6	BI-214	1.29E-03	6.26E-04	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/16/2005	8427.6	PB-212	4.22E-04	3.62E-04	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/16/2005	8427.6	K-40	8.49E-03	4.44E-03	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	5/16/2005	8427.6	BE-7	1.12E-01	9.10E-03	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	8/15/2005	8087.6	BE-7	8.24E-02	1.51E-02	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/14/2005	6687.4	BI-214	1.68E-03	9.88E-04	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/14/2005	6687.4	BE-7	1.05E-01	2.03E-02	
7	6.4 MI ESE - CP&L FACILITY ON RR AVE., HART	11/14/2005	6687.4	PB-214	2.26E-03	9.99E-04	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate
Quantity: CUBIC METERS
Activity: pCi/cubic meter

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	2/14/2005	6949.5	BE-7	1.00E-01	1.98E-02	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	7235.4	PB-214	1.67E-03	6.84E-04	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	7235.4	K-40	7.50E-03	6.08E-03	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	7235.4	BI-214	1.72E-03	6.58E-04	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	7235.4	PB-212	8.66E-04	3.92E-04	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	5/16/2005	7235.4	BE-7	1.42E-01	1.13E-02	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	8/15/2005	7365.3	BE-7	1.23E-01	2.43E-02	
55	0.2 MI SSE - SOUTH OF WEST SETTLING POND	11/14/2005	7226.6	BE-7	1.25E-01	2.47E-02	
60	0.2 MI SE - ROBINSON PICNIC AREA	2/14/2005	7519.7	PB-214	1.13E-03	8.97E-04	
60	0.2 MI SE - ROBINSON PICNIC AREA	2/14/2005	7519.7	BE-7	9.39E-02	1.45E-02	
60	0.2 MI SE - ROBINSON PICNIC AREA	5/16/2005	6425.4	BE-7	1.43E-01	1.49E-02	
60	0.2 MI SE - ROBINSON PICNIC AREA	5/16/2005	6425.4	PB-214	1.34E-03	9.72E-04	
60	0.2 MI SE - ROBINSON PICNIC AREA	8/15/2005	6604.6	BE-7	1.16E-01	2.15E-02	
60	0.2 MI SE - ROBINSON PICNIC AREA	11/14/2005	6632.4	BE-7	1.21E-01	2.66E-02	
60	0.2 MI SE - ROBINSON PICNIC AREA	11/14/2005	6632.4	TL-208	7.52E-04	6.29E-04	
60	0.2 MI SE - ROBINSON PICNIC AREA	11/14/2005	6632.4	BI-214	3.05E-03	2.06E-03	
60	0.2 MI SE - ROBINSON PICNIC AREA	11/14/2005	6632.4	PB-214	3.13E-03	1.73E-03	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	2/14/2005	7881.4	BE-7	1.07E-01	1.95E-02	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/16/2005	6747.6	K-40	1.23E-02	6.15E-03	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/16/2005	6747.6	BE-7	1.44E-01	1.22E-02	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/16/2005	6747.6	PB-212	7.15E-04	4.88E-04	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/16/2005	6747.6	BI-214	1.10E-03	6.32E-04	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	5/16/2005	6747.6	PB-214	1.39E-03	7.77E-04	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	8/15/2005	6789.1	BE-7	1.11E-01	1.84E-02	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/14/2005	6492.9	PB-214	3.31E-03	1.50E-03	
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/14/2005	6492.9	BE-7	1.15E-01	1.88E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate
Quantity: CUBIC METERS
Activity: pCi/cubic meter

Sample Point		*Sample Date*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
61	0.3 MI WSW - WEST PARKING LOT NEAR RR TR	11/14/2005	6492.9	PB-212	1.22E-03	6.71E-04	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Aquatic Vegetation
Quantity: Grams (wet)
Activity: pCi/gram wet

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	TL-208	7.25E-02	2.06E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	K-40	1.52E+00	3.75E-01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	PB-212	1.79E-01	3.01E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	BI-214	1.37E-01	4.57E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	PB-214	1.26E-01	4.75E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	AC-228	3.10E-01	7.27E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	635.6	BE-7	3.19E-01	1.60E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	AC-228	2.19E+00	1.21E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	BE-7	2.78E+00	2.27E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	CO-60	3.12E-02	1.57E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	PB-214	4.83E-01	4.75E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	K-40	8.94E-01	2.13E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	TL-208	8.33E-02	2.34E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	BI-212	3.01E-01	1.47E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	PB-212	2.68E-01	2.57E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	BI-214	5.06E-01	4.68E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	1047.7	RA-226	3.65E+00	5.03E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	AC-228	4.61E-01	7.07E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	K-40	5.00E-01	1.96E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	TL-208	5.39E-02	1.92E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	PB-212	1.96E-01	2.56E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	BI-214	3.25E-01	4.35E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	PB-214	2.63E-01	4.25E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	RA-226	9.66E-01	4.05E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	CO-60	3.88E-02	1.60E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	695.4	BE-7	3.00E+00	2.33E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Aquatic Vegetation
Quantity: Grams (wet)
Activity: pCi/gram wet

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	BI-212	7.33E-01	3.49E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	AC-228	5.53E+00	2.50E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	K-40	1.63E+00	4.32E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	I-131	6.64E+00	1.67E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	BE-7	1.45E+00	3.08E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	RA-226	1.12E+01	1.09E+00	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	PB-214	1.46E+00	1.07E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	BI-214	1.68E+00	1.03E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	PB-212	1.07E+00	5.90E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	542	TL-208	3.79E-01	4.97E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	CS-137	2.36E-02	1.21E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	K-40	1.36E+00	2.54E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	PB-212	5.14E-02	2.10E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	BI-214	1.29E-01	2.99E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	PB-214	9.69E-02	3.39E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	AC-228	2.02E-01	5.79E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	I-131	1.07E-02	1.01E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	6/2/2005	671.8	BE-7	2.88E-01	1.39E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Fish - Bottom Feeder
Quantity: Grams (wet)
Activity: pCi/gram wet

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	577.2	TL-208	2.33E-02	1.99E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	577.2	BI-212	1.83E-01	1.06E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	577.2	PB-212	3.67E-02	2.77E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	577.2	PB-214	6.63E-02	4.86E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	577.2	K-40	2.52E+00	6.01E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	544.4	BI-214	8.92E-02	3.13E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	544.4	PB-212	2.61E-02	2.29E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	544.4	CS-137	2.66E-02	2.13E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	544.4	K-40	2.53E+00	4.52E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	535.5	AC-228	1.03E-01	1.00E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	535.5	PB-212	7.74E-02	6.23E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	535.5	BI-214	1.46E-01	6.97E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	535.5	K-40	4.49E+00	7.20E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	535.5	PB-214	1.31E-01	6.15E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	470.1	CS-137	3.82E-02	1.87E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	470.1	PB-214	9.41E-02	4.28E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	470.1	K-40	2.66E+00	5.09E-01	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	503.8	CS-137	9.03E-02	3.06E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	503.8	K-40	2.78E+00	5.92E-01	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	503.8	PB-212	5.44E-02	4.53E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	503.8	BI-214	1.50E-01	6.40E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	503.8	AC-228	2.29E-01	9.53E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	503.8	PB-214	1.03E-01	5.06E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	528.7	CS-137	4.15E-02	1.89E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	528.7	K-40	2.06E+00	4.21E-01	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	528.7	PB-212	5.99E-02	2.51E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Fish - Bottom Feeder
Quantity: Grams (wet)
Activity: pCi/gram wet

Sample Point		*Sample Date*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	528.7	BI-214	6.93E-02	4.19E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	528.7	PB-214	9.24E-02	3.86E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	528.7	AC-228	7.30E-02	6.74E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Bottom Sediment
Quantity: Grams (dry)
Activity: pCi/gram dry

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	TL-208	8.58E-01	3.93E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	CS-137	2.30E-01	2.65E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	K-40	2.84E+00	4.08E-01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	BI-212	1.46E+00	2.41E-01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	PB-212	2.66E+00	6.10E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	BI-214	1.97E+00	9.20E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	PB-214	2.22E+00	8.80E-02	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	RA-226	4.65E+00	5.75E-01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/17/2005	505.8	AC-228	2.58E+00	1.37E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	CS-137	1.43E-01	5.17E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	TL-208	3.46E-01	6.52E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	BI-212	1.01E+00	3.01E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	PB-212	1.08E+00	9.00E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	BI-214	8.24E-01	1.30E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	PB-214	8.16E-01	1.14E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	RA-226	2.50E+00	8.96E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	K-40	5.19E-01	4.11E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	6/7/2005	1338	AC-228	9.13E-01	1.75E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	AC-228	8.32E-01	1.64E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	TL-208	2.23E-01	4.88E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	BI-212	3.96E-01	3.20E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	PB-212	7.23E-01	7.82E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	BI-214	1.17E+00	1.38E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	PB-214	1.26E+00	1.34E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	RA-226	3.11E+00	9.73E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	6/7/2005	1091.8	K-40	1.62E+00	4.91E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Bottom Sediment
Quantity: Grams (dry)
Activity: pCi/gram dry

Sample Point		*Sample Date*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	K-40	8.84E-01	3.06E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	TL-208	3.91E-01	4.19E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	BI-212	7.35E-01	2.18E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	PB-212	1.21E+00	6.00E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	BI-214	9.76E-01	8.44E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	PB-214	9.87E-01	8.12E-02	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	AC-228	1.32E+00	1.43E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	BE-7	2.19E-01	1.97E-01	
54	10.1 MI E - AUBURNDALE PLANTATION	5/17/2005	1254.6	RA-226	1.48E+00	7.79E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	BE-7	4.38E-01	1.68E-01	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	BI-214	8.43E-02	3.76E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	CS-134	<LLD		2.26E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	CS-137	<LLD		2.46E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	I-131	<LLD		2.15E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	K-40	4.29E+00	5.30E-01	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	400.1	PB-212	4.49E-02	2.67E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	AC-228	1.38E-01	8.77E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	BE-7	5.67E-01	2.18E-01	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	BI-214	6.00E-02	5.15E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	CS-134	<LLD		2.60E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	CS-137	<LLD		2.06E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	I-131	<LLD		1.99E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	K-40	1.85E+00	3.62E-01	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	PB-212	7.37E-02	4.22E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	446.5	TL-208	5.59E-02	2.64E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	BE-7	1.16E+00	2.46E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	BI-214	7.28E-02	5.02E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	CS-134	<LLD		2.85E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	CS-137	<LLD		3.22E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	I-131	<LLD		2.35E-02
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	K-40	1.89E+00	4.27E-01	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	PB-212	5.10E-02	3.46E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	PB-214	7.69E-02	5.39E-02	
50	SSE - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	488.2	TL-208	3.58E-02	2.30E-02	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	CHERRY	360.4	BE-7	4.96E-01	2.36E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	CHERRY	360.4	CS-134	<LLD		3.67E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	CHERRY	360.4	CS-137	<LLD		3.91E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	CHERRY	360.4	I-131	<LLD		3.97E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	CHERRY	360.4	K-40	3.35E+00	6.11E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	CHERRY	360.4	PB-212	5.45E-02	4.73E-02	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	AC-228	2.23E-01	9.34E-02	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	BE-7	1.32E+00	2.45E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	BI-214	4.37E-02	4.29E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	CS-134	<LLD		3.58E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	CS-137	<LLD		3.86E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	I-131	<LLD		3.96E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	K-40	1.43E+00	5.24E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	PB-212	1.30E-01	5.23E-02	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	DOGWOOD	396.8	RA-226	6.53E-01	5.46E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	AC-228	2.04E-01	1.03E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	BE-7	1.02E+00	2.16E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	CS-134	<LLD		3.49E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	CS-137	<LLD		3.02E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	I-131	<LLD		3.28E-02
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	K-40	2.53E+00	5.79E-01	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	PB-212	5.16E-02	3.14E-02	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	PB-214	8.46E-02	4.66E-02	
50	SSE - CLOSE TO SITE BOUNDARY	6/3/2005	WAX MYRTLE	328	TL-208	4.83E-02	2.82E-02	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	502.5	BE-7	5.87E-01	2.11E-01	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	502.5	CS-134	<LLD		2.38E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	502.5	CS-137	<LLD		2.33E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	502.5	I-131	<LLD		3.67E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	502.5	K-40	2.95E+00	4.52E-01	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	AC-228	3.16E-01	1.10E-01	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	BE-7	8.75E-01	2.04E-01	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	BI-214	5.21E-02	3.79E-02	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	CS-134	<LLD		3.06E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	CS-137	<LLD		3.02E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	I-131	<LLD		3.00E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	K-40	2.38E+00	4.74E-01	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	PB-212	1.36E-01	3.69E-02	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	502.2	TL-208	5.06E-02	2.46E-02	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	501	BE-7	1.08E+00	2.22E-01	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	501	CS-134	<LLD		2.65E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	501	CS-137	2.51E-02	1.77E-02	
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	501	I-131	<LLD		3.04E-02
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	501	K-40	1.70E+00	4.57E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
50	SSE - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	501	RA-226	4.88E-01	3.56E-01	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	474.3	AC-228	8.56E-02	5.32E-02	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	474.3	BE-7	9.87E-01	1.81E-01	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	474.3	CS-134	<LLD		2.16E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	474.3	CS-137	<LLD		2.36E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	474.3	I-131	<LLD		2.13E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	474.3	K-40	3.11E+00	4.36E-01	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	491.2	BE-7	6.54E-01	2.68E-01	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	491.2	CS-134	<LLD		1.92E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	491.2	CS-137	6.42E-02	2.42E-02	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	491.2	I-131	<LLD		2.42E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	491.2	K-40	3.29E+00	5.06E-01	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	491.2	PB-212	3.02E-02	2.82E-02	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	442.7	AC-228	1.32E-01	5.76E-02	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	442.7	BE-7	1.89E+00	2.27E-01	
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	442.7	CS-134	<LLD		2.41E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	442.7	CS-137	<LLD		2.49E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	442.7	I-131	<LLD		2.10E-02
50	SSE - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	442.7	K-40	1.39E+00	3.09E-01	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	529	BE-7	4.93E-01	1.75E-01	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	529	CS-134	<LLD		2.56E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	529	CS-137	<LLD		2.04E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	529	I-131	<LLD		2.70E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	529	K-40	1.76E+00	3.86E-01	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	478.7	AC-228	8.20E-02	7.10E-02	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	478.7	BE-7	1.01E+00	2.02E-01	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	478.7	CS-134	<LLD		2.00E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	478.7	CS-137	3.06E-02	1.87E-02	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	478.7	I-131	<LLD		2.75E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	478.7	K-40	2.75E+00	4.32E-01	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	459.6	AC-228	1.84E-01	8.42E-02	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	459.6	BE-7	1.43E+00	2.90E-01	
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	459.6	CS-134	<LLD		2.56E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	459.6	CS-137	<LLD		3.00E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	459.6	I-131	<LLD		2.99E-02
50	SSE - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	459.6	K-40	9.60E-01	4.07E-01	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	491.2	BE-7	5.05E-01	1.50E-01	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	491.2	CS-134	<LLD		2.14E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	491.2	CS-137	<LLD		2.19E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	491.2	I-131	<LLD		1.74E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	491.2	K-40	2.52E+00	3.99E-01	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	491.2	PB-212	3.47E-02	2.51E-02	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	472.8	BE-7	5.89E-01	1.81E-01	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	472.8	CS-134	<LLD		2.32E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	472.8	CS-137	9.08E-02	2.23E-02	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	472.8	I-131	<LLD		3.39E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	472.8	K-40	1.56E+00	4.10E-01	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	455.2	AC-228	9.83E-02	8.00E-02	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	455.2	BE-7	1.21E+00	2.49E-01	
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	455.2	CS-134	<LLD		2.26E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	455.2	CS-137	<LLD		1.78E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	455.2	I-131	<LLD		2.81E-02
50	SSE - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	455.2	K-40	1.34E+00	3.89E-01	
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	AC-228	3.11E-01	8.82E-02	
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	BE-7	8.51E-01	1.90E-01	
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	BI-214	8.92E-02	4.65E-02	
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	CS-134	<LLD		2.70E-02
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	CS-137	<LLD		2.81E-02
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	I-131	<LLD		2.36E-02
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	K-40	2.06E+00	4.84E-01	
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	PB-212	4.45E-02	4.04E-02	
50	SSE - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	473.9	PB-214	1.22E-01	5.25E-02	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	449	BE-7	3.48E-01	1.83E-01	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	449	CS-134	<LLD		2.54E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	449	CS-137	3.52E-02	2.89E-02	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	449	I-131	<LLD		3.04E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	CHERRY	449	K-40	3.53E+00	5.38E-01	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	AC-228	2.69E-01	1.17E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	BE-7	4.49E-01	2.48E-01	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	CS-134	<LLD		3.13E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	CS-137	<LLD		2.91E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	I-131	<LLD		4.16E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	K-40	3.66E+00	5.58E-01	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	PB-212	6.97E-02	4.07E-02	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	RA-226	5.84E-01	5.14E-01	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	DOGWOOD	431.2	TL-208	4.71E-02	2.45E-02	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	462.7	BE-7	5.28E-01	1.62E-01	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	462.7	BI-214	4.21E-02	3.52E-02	
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	462.7	CS-134	<LLD		2.40E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	462.7	CS-137	<LLD		2.36E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	462.7	I-131	<LLD		1.95E-02
51	SSW - CLOSE TO SITE BOUNDARY	5/4/2005	WAX MYRTLE	462.7	K-40	2.02E+00	3.69E-01	
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	CHERRY	508.6	BE-7	2.41E-01	1.56E-01	
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	CHERRY	508.6	CS-134	<LLD		2.45E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	CHERRY	508.6	CS-137	<LLD		2.69E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	CHERRY	508.6	I-131	<LLD		3.13E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	CHERRY	508.6	K-40	3.93E+00	5.34E-01	
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	DOGWOOD	446	BE-7	8.00E-01	2.07E-01	
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	DOGWOOD	446	CS-134	<LLD		2.82E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	DOGWOOD	446	CS-137	<LLD		2.66E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	DOGWOOD	446	I-131	<LLD		3.46E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	DOGWOOD	446	K-40	2.50E+00	4.63E-01	
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	WAX MYRTLE	465.5	BE-7	9.38E-01	1.78E-01	
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	WAX MYRTLE	465.5	CS-134	<LLD		1.68E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	WAX MYRTLE	465.5	CS-137	<LLD		2.18E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	WAX MYRTLE	465.5	I-131	<LLD		2.47E-02
51	SSW - CLOSE TO SITE BOUNDARY	6/2/2005	WAX MYRTLE	465.5	K-40	1.66E+00	3.70E-01	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	BE-7	2.77E-01	2.63E-01	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	BI-214	7.23E-02	4.85E-02	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	CS-134	<LLD		2.86E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	CS-137	<LLD		2.41E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	I-131	<LLD		3.58E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	K-40	3.46E+00	5.14E-01	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	PB-212	3.61E-02	2.97E-02	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	CHERRY	448.2	PB-214	8.73E-02	4.51E-02	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	488.9	BE-7	1.29E+00	2.43E-01	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	488.9	CS-134	<LLD		3.06E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	488.9	CS-137	<LLD		3.02E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	488.9	I-131	<LLD		3.00E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	488.9	K-40	1.94E+00	3.72E-01	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	DOGWOOD	488.9	PB-214	4.40E-02	3.62E-02	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	515.9	BE-7	6.40E-01	1.57E-01	
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	515.9	CS-134	<LLD		1.77E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	515.9	CS-137	<LLD		1.34E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	515.9	I-131	<LLD		2.50E-02
51	SSW - CLOSE TO SITE BOUNDARY	7/1/2005	WAX MYRTLE	515.9	K-40	1.19E+00	3.26E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	454.2	AC-228	1.01E-01	6.27E-02	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	454.2	BE-7	5.47E-01	1.72E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	454.2	CS-134	<LLD		1.98E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	454.2	CS-137	<LLD		2.26E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	454.2	I-131	<LLD		2.27E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	CHERRY	454.2	K-40	2.27E+00	4.04E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	403.5	BE-7	1.47E+00	2.25E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	403.5	CS-134	<LLD		2.26E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	403.5	CS-137	5.83E-02	2.00E-02	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	403.5	I-131	<LLD		2.45E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	403.5	K-40	1.70E+00	3.82E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	SASSAFRAS	403.5	PB-212	4.15E-02	4.08E-02	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	BE-7	1.25E+00	2.47E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	BI-214	5.52E-02	4.01E-02	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	CS-134	<LLD		2.58E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	CS-137	<LLD		2.74E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	I-131	<LLD		2.51E-02
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	K-40	1.09E+00	3.49E-01	
51	SSW - CLOSE TO SITE BOUNDARY	8/6/2005	WAX MYRTLE	492.1	PB-214	5.48E-02	4.08E-02	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	475.5	BE-7	9.04E-01	1.69E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	475.5	CS-134	<LLD		1.94E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	475.5	CS-137	3.79E-02	1.73E-02	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	475.5	I-131	<LLD		2.53E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	CHERRY	475.5	K-40	2.99E+00	4.16E-01	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	BE-7	1.11E+00	2.55E-01	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	CS-134	<LLD		3.26E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	CS-137	<LLD		3.65E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	I-131	<LLD		3.92E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	K-40	1.81E+00	5.10E-01	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	PB-212	8.09E-02	4.42E-02	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	SASSAFRAS	415.2	TL-208	5.78E-02	2.37E-02	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	476.1	AC-228	1.16E-01	7.91E-02	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	476.1	BE-7	1.26E+00	1.99E-01	
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	476.1	CS-134	<LLD		1.93E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	476.1	CS-137	<LLD		2.05E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	476.1	I-131	<LLD		2.56E-02
51	SSW - CLOSE TO SITE BOUNDARY	9/1/2005	WAX MYRTLE	476.1	K-40	1.16E+00	3.32E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	416.6	AC-228	2.07E-01	8.79E-02	
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	416.6	CS-134	<LLD		2.69E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	416.6	CS-137	<LLD		2.61E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	416.6	I-131	<LLD		2.27E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	CHERRY	416.6	K-40	4.52E+00	5.73E-01	
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	447	BE-7	8.99E-01	2.35E-01	
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	447	CS-134	<LLD		2.93E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	447	CS-137	<LLD		2.96E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	447	I-131	<LLD		2.56E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	SASSAFRAS	447	K-40	1.79E+00	4.35E-01	
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	458.7	AC-228	1.87E-01	6.83E-02	
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	458.7	BE-7	1.19E+00	2.24E-01	
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	458.7	CS-134	<LLD		2.58E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	458.7	CS-137	<LLD		2.82E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	458.7	I-131	<LLD		2.46E-02
51	SSW - CLOSE TO SITE BOUNDARY	10/4/2005	WAX MYRTLE	458.7	K-40	1.77E+00	4.66E-01	
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	AC-228	1.06E-01	5.52E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	BE-7	9.01E-01	2.16E-01	
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	BI-214	1.60E-01	4.82E-02	
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	CS-134	<LLD		1.87E-02
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	CS-137	<LLD		2.21E-02
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	I-131	<LLD		1.68E-02
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	K-40	8.93E-01	3.53E-01	
51	SSW - CLOSE TO SITE BOUNDARY	11/2/2005	WAX MYRTLE	442.3	PB-214	1.51E-01	3.88E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	CHERRY	509.1	CS-134	<LLD		2.80E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	CHERRY	509.1	CS-137	<LLD		2.67E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	CHERRY	509.1	I-131	<LLD		2.49E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	CHERRY	509.1	K-40	3.53E+00	4.81E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	BE-7	4.03E-01	1.62E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	BI-214	9.26E-02	6.46E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	CS-134	<LLD		2.72E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	CS-137	<LLD		2.26E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	I-131	<LLD		2.26E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	K-40	2.36E+00	4.59E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	PB-212	3.36E-02	2.84E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	DOGWOOD	360.1	PB-214	5.85E-02	4.34E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	BE-7	1.68E+00	3.09E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	CS-134	<LLD		3.00E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	CS-137	<LLD		3.12E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	I-131	<LLD		2.97E-02
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	K-40	2.48E+00	4.85E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	PB-212	5.69E-02	2.93E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	5/3/2005	WAX MYRTLE	444.5	PB-214	5.26E-02	4.08E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	CHERRY	484.8	BE-7	2.26E-01	1.54E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	CHERRY	484.8	CS-134	<LLD		2.52E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	CHERRY	484.8	CS-137	<LLD		2.37E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	CHERRY	484.8	I-131	<LLD		3.44E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	CHERRY	484.8	K-40	2.90E+00	4.83E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	AC-228	1.44E-01	4.65E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	BE-7	7.00E-01	1.57E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	CS-134	<LLD		2.19E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	CS-137	<LLD		2.03E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	I-131	<LLD		2.10E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	K-40	1.98E+00	3.40E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	DOGWOOD	519.4	RA-226	3.29E-01	3.14E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	WAX MYRTLE	367	BE-7	6.81E-01	3.23E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	WAX MYRTLE	367	CS-134	<LLD		3.35E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	WAX MYRTLE	367	CS-137	1.12E-01	3.47E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	WAX MYRTLE	367	I-131	<LLD		4.47E-02
52	10 MI W - NEAR BETHUNE - CONTROL	6/3/2005	WAX MYRTLE	367	K-40	1.95E+00	5.36E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	CHERRY	421.6	BE-7	4.01E-01	1.65E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	CHERRY	421.6	BI-214	8.03E-02	3.59E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	CHERRY	421.6	CS-134	<LLD		2.22E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	CHERRY	421.6	CS-137	<LLD		2.16E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	CHERRY	421.6	I-131	<LLD		2.88E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	CHERRY	421.6	K-40	3.14E+00	4.33E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	AC-228	2.08E-01	9.17E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	BE-7	1.00E+00	2.08E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	BI-214	5.36E-02	4.49E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	CS-134	<LLD		2.46E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	CS-137	<LLD		2.31E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	I-131	<LLD		3.12E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	K-40	3.36E+00	4.48E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	DOGWOOD	569.9	PB-214	5.04E-02	2.62E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	WAX MYRTLE	443.3	BE-7	3.75E-01	1.85E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	WAX MYRTLE	443.3	CS-134	<LLD		2.81E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	WAX MYRTLE	443.3	CS-137	<LLD		2.65E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	WAX MYRTLE	443.3	I-131	<LLD		3.81E-02
52	10 MI W - NEAR BETHUNE - CONTROL	7/1/2005	WAX MYRTLE	443.3	K-40	2.67E+00	5.08E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	BE-7	5.38E-01	1.69E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	BI-214	6.10E-02	3.81E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	CS-134	<LLD		1.85E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	CS-137	<LLD		1.99E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	I-131	<LLD		2.17E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	K-40	2.60E+00	4.21E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	CHERRY	465.7	PB-214	3.70E-02	3.09E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	SASSAFRAS	487.5	BE-7	1.02E+00	2.02E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	SASSAFRAS	487.5	CS-134	<LLD		2.69E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	SASSAFRAS	487.5	CS-137	1.09E-01	3.08E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	SASSAFRAS	487.5	I-131	<LLD		2.90E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	SASSAFRAS	487.5	K-40	3.30E+00	5.25E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	SASSAFRAS	487.5	PB-212	3.24E-02	2.68E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	WAX MYRTLE	471.3	BE-7	9.50E-01	1.91E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	WAX MYRTLE	471.3	CS-134	<LLD		2.29E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	WAX MYRTLE	471.3	CS-137	<LLD		2.38E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	WAX MYRTLE	471.3	I-131	<LLD		1.94E-02
52	10 MI W - NEAR BETHUNE - CONTROL	8/6/2005	WAX MYRTLE	471.3	K-40	2.03E+00	3.71E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	CHERRY	451.5	BE-7	8.42E-01	2.11E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	CHERRY	451.5	CS-134	<LLD		2.97E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	CHERRY	451.5	CS-137	<LLD		2.64E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	CHERRY	451.5	I-131	<LLD		3.49E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	CHERRY	451.5	K-40	3.98E+00	5.39E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	SASSAFRAS	454.7	BE-7	1.85E+00	2.56E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	SASSAFRAS	454.7	CS-134	<LLD		2.99E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	SASSAFRAS	454.7	CS-137	<LLD		2.70E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	SASSAFRAS	454.7	I-131	<LLD		3.12E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	SASSAFRAS	454.7	K-40	1.89E+00	4.56E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	WAX MYRTLE	493.3	BE-7	1.07E+00	2.02E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	WAX MYRTLE	493.3	BI-214	3.85E-02	3.35E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	WAX MYRTLE	493.3	CS-134	<LLD		1.92E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	WAX MYRTLE	493.3	CS-137	<LLD		1.87E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	WAX MYRTLE	493.3	I-131	<LLD		2.28E-02
52	10 MI W - NEAR BETHUNE - CONTROL	9/1/2005	WAX MYRTLE	493.3	K-40	1.93E+00	3.81E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	CHERRY	473.8	AC-228	1.09E-01	7.96E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	CHERRY	473.8	BE-7	4.90E-01	1.79E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	CHERRY	473.8	CS-134	<LLD		1.96E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	CHERRY	473.8	CS-137	<LLD		2.46E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	CHERRY	473.8	I-131	<LLD		1.95E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	CHERRY	473.8	K-40	2.22E+00	3.62E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	SASSAFRAS	466.4	BE-7	1.05E+00	2.87E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	SASSAFRAS	466.4	CS-134	<LLD		2.44E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	SASSAFRAS	466.4	CS-137	9.90E-02	2.56E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	SASSAFRAS	466.4	I-131	<LLD		3.15E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	SASSAFRAS	466.4	K-40	2.17E+00	4.29E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	AC-228	1.89E-01	7.80E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	BE-7	9.83E-01	2.13E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	BI-214	1.39E-01	5.25E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	CS-134	<LLD		2.81E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	CS-137	<LLD		2.97E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	I-131	<LLD		2.58E-02
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	K-40	2.00E+00	4.04E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	10/4/2005	WAX MYRTLE	501	PB-214	1.38E-01	4.81E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	BE-7	1.24E+00	2.72E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	CS-134	<LLD		3.29E-02
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	CS-137	<LLD		2.88E-02
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	I-131	<LLD		2.54E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	K-40	2.13E+00	4.55E-01	
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	PB-212	4.30E-02	3.86E-02	
52	10 MI W - NEAR BETHUNE - CONTROL	11/2/2005	WAX MYRTLE	451.7	PB-214	6.13E-02	4.28E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	BE-7	2.19E-01	1.40E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	BI-214	7.37E-02	4.47E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	CS-134	<LLD		2.38E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	CS-137	<LLD		2.26E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	I-131	<LLD		2.18E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	K-40	3.74E+00	4.77E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	PB-212	4.28E-02	2.67E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	PB-214	5.11E-02	3.59E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	CHERRY	425.3	TL-208	2.48E-02	2.10E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	BE-7	6.56E-01	2.45E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	BI-214	1.13E-01	5.60E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	CS-134	<LLD		3.40E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	CS-137	<LLD		3.31E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	I-131	<LLD		2.82E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	K-40	2.95E+00	5.20E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	PB-212	9.66E-02	3.70E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	DOGWOOD	428.5	TL-208	4.35E-02	2.28E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	WAX MYRTLE	463.9	BE-7	8.89E-01	1.51E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	WAX MYRTLE	463.9	CS-134	<LLD		2.04E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	WAX MYRTLE	463.9	CS-137	<LLD		1.84E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	WAX MYRTLE	463.9	I-131	<LLD		2.30E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	5/4/2005	WAX MYRTLE	463.9	K-40	3.05E+00	4.27E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	CHERRY	408.5	BE-7	4.40E-01	1.73E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	CHERRY	408.5	BI-214	7.40E-02	4.60E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	CHERRY	408.5	CS-134	<LLD		2.21E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	CHERRY	408.5	CS-137	3.79E-02	2.15E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	CHERRY	408.5	I-131	<LLD		2.43E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	CHERRY	408.5	K-40	2.64E+00	4.36E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	AC-228	1.86E-01	1.10E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	BE-7	1.30E+00	3.07E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	CS-134	<LLD		4.02E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	CS-137	<LLD		9.61E-03
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	I-131	<LLD		4.82E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	K-40	1.63E+00	6.10E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	DOGWOOD	356.6	PB-212	6.28E-02	4.13E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	AC-228	1.00E-01	8.92E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	BE-7	9.45E-01	2.33E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	CS-134	<LLD		2.50E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	CS-137	<LLD		3.18E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	I-131	<LLD		4.05E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	K-40	2.09E+00	5.10E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	6/3/2005	WAX MYRTLE	413	PB-214	6.56E-02	5.07E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	CHERRY	477.2	BE-7	5.05E-01	1.58E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	CHERRY	477.2	CS-134	<LLD		2.62E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	CHERRY	477.2	CS-137	<LLD		2.69E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	CHERRY	477.2	I-131	<LLD		3.15E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	CHERRY	477.2	K-40	3.78E+00	5.78E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	AC-228	2.35E-01	7.25E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	BE-7	1.37E+00	2.07E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	BI-214	5.57E-02	4.59E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	CS-134	<LLD		2.51E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	CS-137	<LLD		2.25E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	I-131	<LLD		2.65E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	K-40	1.44E+00	3.02E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	PB-212	1.01E-01	3.89E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	PB-214	7.50E-02	3.36E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	RA-226	4.62E-01	4.17E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	DOGWOOD	466.8	TL-208	5.57E-02	2.44E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	WAX MYRTLE	423.3	BE-7	1.58E+00	2.89E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	WAX MYRTLE	423.3	CS-134	<LLD		2.84E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	WAX MYRTLE	423.3	CS-137	6.40E-02	2.83E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	WAX MYRTLE	423.3	I-131	<LLD		3.97E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	7/1/2005	WAX MYRTLE	423.3	K-40	2.35E+00	5.12E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	AC-228	2.31E-01	1.01E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	BE-7	5.12E-01	2.20E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	BI-214	1.02E-01	6.27E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	CS-134	<LLD		2.80E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	CS-137	<LLD		3.04E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	I-131	<LLD		3.00E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	K-40	3.06E+00	5.54E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	CHERRY	437.8	PB-212	5.07E-02	3.32E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	SASSAFRAS	502.2	BE-7	9.76E-01	1.75E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	SASSAFRAS	502.2	CS-134	<LLD		1.59E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	SASSAFRAS	502.2	CS-137	<LLD		1.92E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	SASSAFRAS	502.2	I-131	<LLD		1.76E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	SASSAFRAS	502.2	K-40	2.19E+00	3.53E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	SASSAFRAS	502.2	TL-208	1.80E-02	1.64E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	WAX MYRTLE	438.8	BE-7	1.93E+00	3.03E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	WAX MYRTLE	438.8	CS-134	<LLD		2.90E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	WAX MYRTLE	438.8	CS-137	<LLD		2.74E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	WAX MYRTLE	438.8	I-131	<LLD		3.07E+01
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	8/6/2005	WAX MYRTLE	438.8	K-40	1.52E+00	5.15E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	CHERRY	496.1	AC-228	9.95E-02	7.60E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	CHERRY	496.1	BE-7	1.43E-01	1.30E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	CHERRY	496.1	CS-134	<LLD		1.83E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	CHERRY	496.1	CS-137	<LLD		2.24E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	CHERRY	496.1	I-131	<LLD		2.54E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	CHERRY	496.1	K-40	4.05E+00	4.82E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	AC-228	1.03E-01	6.19E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	BE-7	8.20E-01	1.71E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	CS-134	<LLD		2.62E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	CS-137	<LLD		2.12E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	I-131	<LLD		2.48E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	K-40	1.64E+00	3.97E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	SASSAFRAS	448.9	PB-212	3.10E-02	2.11E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	WAX MYRTLE	445.9	AC-228	1.22E-01	7.65E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	WAX MYRTLE	445.9	BE-7	1.57E+00	2.78E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	WAX MYRTLE	445.9	CS-134	<LLD		2.63E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	WAX MYRTLE	445.9	CS-137	<LLD		2.35E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	WAX MYRTLE	445.9	I-131	<LLD		3.82E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	9/1/2005	WAX MYRTLE	445.9	K-40	1.59E+00	4.79E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	CHERRY	483.2	BE-7	4.87E-01	1.42E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	CHERRY	483.2	CS-134	<LLD		2.05E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	CHERRY	483.2	CS-137	<LLD		2.14E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	CHERRY	483.2	I-131	<LLD		2.00E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	CHERRY	483.2	K-40	3.25E+00	4.72E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	CHERRY	483.2	PB-212	3.08E-02	2.65E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	AC-228	2.47E-01	9.60E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	BE-7	9.81E-01	2.26E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	BI-214	9.06E-02	4.69E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	CS-134	<LLD		2.81E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	CS-137	<LLD		3.37E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	I-131	<LLD		3.18E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	K-40	2.08E+00	4.52E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	SASSAFRAS	469.3	TL-208	3.69E-02	2.17E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	AC-228	1.32E-01	7.04E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	BE-7	1.33E+00	2.28E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	CS-134	<LLD		2.51E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	CS-137	<LLD		3.00E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	I-131	<LLD		2.73E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	K-40	1.69E+00	4.26E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	10/4/2005	WAX MYRTLE	507.5	PB-212	3.62E-02	2.88E-02	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	11/2/2005	WAX MYRTLE	450.4	BE-7	1.61E+00	2.92E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	11/2/2005	WAX MYRTLE	450.4	CS-134	<LLD		2.96E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	11/2/2005	WAX MYRTLE	450.4	CS-137	<LLD		2.77E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	11/2/2005	WAX MYRTLE	450.4	I-131	<LLD		2.74E-02
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	11/2/2005	WAX MYRTLE	450.4	K-40	2.31E+00	4.88E-01	
62	NEAR THE SITE BOUNDARY 0.27 MILES IN SE SE	11/2/2005	WAX MYRTLE	450.4	PB-212	5.65E-02	3.22E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Food Crop
Quantity: GRAMS (wet)
Concentration (Activity): pCi/gm wet

All Media

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	SQUASH	621.1	CS-134	<LLD		1.42E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	SQUASH	621.1	CS-137	<LLD		1.29E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	SQUASH	621.1	I-131	<LLD		1.87E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	SQUASH	621.1	K-40	1.14E+00	2.50E-01	
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	TOMATOES	950	CS-134	<LLD		1.26E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	TOMATOES	950	CS-137	<LLD		1.29E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	TOMATOES	950	I-131	<LLD		1.75E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	6/30/2005	TOMATOES	950	K-40	1.52E+00	2.87E-01	
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	11/2/2005	COLLARDS	508.2	CS-134	<LLD		1.80E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	11/2/2005	COLLARDS	508.2	CS-137	<LLD		2.33E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	11/2/2005	COLLARDS	508.2	I-131	<LLD		1.42E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	11/2/2005	COLLARDS	508.2	K-40	2.85E+00	3.95E-01	
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	11/2/2005	COLLARDS	508.2	PB-214	5.42E-02	3.37E-02	
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	12/5/2005	COLLARDS	521.6	BI-214	5.49E-02	4.55E-02	
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	12/5/2005	COLLARDS	521.6	CS-134	<LLD		2.37E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	12/5/2005	COLLARDS	521.6	CS-137	<LLD		2.12E-02
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	12/5/2005	COLLARDS	521.6	I-131	<LLD		2.37E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Food Crop
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		Sample Date	Media	Quantity	Isotope	Activity	2 Sigma Error	LLD
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	12/5/2005	COLLARDS	521.6	K-40	2.66E+00	4.40E-01	
49	10.0 MI W OR GREATER THAN 5 MI FROM PLANT -	12/5/2005	COLLARDS	521.6	PB-214	5.14E-02	4.45E-02	
58	SITE VARIES FROM PLANT	6/29/2005	SQUASH	630.2	CS-134	<LLD		1.18E-02
58	SITE VARIES FROM PLANT	6/29/2005	SQUASH	630.2	CS-137	<LLD		1.19E-02
58	SITE VARIES FROM PLANT	6/29/2005	SQUASH	630.2	I-131	<LLD		2.04E-02
58	SITE VARIES FROM PLANT	6/29/2005	SQUASH	630.2	K-40	1.36E+00	2.80E-01	
58	SITE VARIES FROM PLANT	6/29/2005	TOMATOES	831.5	CS-134	<LLD		1.26E-02
58	SITE VARIES FROM PLANT	6/29/2005	TOMATOES	831.5	CS-137	<LLD		1.63E-02
58	SITE VARIES FROM PLANT	6/29/2005	TOMATOES	831.5	I-131	<LLD		2.10E-02
58	SITE VARIES FROM PLANT	6/29/2005	TOMATOES	831.5	K-40	2.46E+00	3.23E-01	
58	SITE VARIES FROM PLANT	11/1/2005	COLLARDS	522.4	CS-134	<LLD		1.58E-02
58	SITE VARIES FROM PLANT	11/1/2005	COLLARDS	522.4	CS-137	<LLD		2.07E-02
58	SITE VARIES FROM PLANT	11/1/2005	COLLARDS	522.4	I-131	<LLD		1.76E-02
58	SITE VARIES FROM PLANT	11/1/2005	COLLARDS	522.4	K-40	2.91E+00	3.82E-01	
58	SITE VARIES FROM PLANT	12/5/2005	COLLARDS	567.4	BE-7	2.68E-01	1.36E-01	
58	SITE VARIES FROM PLANT	12/5/2005	COLLARDS	567.4	CS-134	<LLD		2.22E-02
58	SITE VARIES FROM PLANT	12/5/2005	COLLARDS	567.4	CS-137	<LLD		2.17E-02

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Food Crop
Quantity: GRAMS (wet) *All Media*
Concentration (Activity): pCi/gm wet

Sample Point		*Sample Date*	*Media*	*Quantity*	*Isotope*	*Activity*	*2 Sigma Error*	*LLD*
58	SITE VARIES FROM PLANT	12/5/2005	COLLARDS	567.4	I-131	<LLD		1.91E-02
58	SITE VARIES FROM PLANT	12/5/2005	COLLARDS	567.4	K-40	2.27E+00	3.87E-01	
58	SITE VARIES FROM PLANT	12/5/2005	COLLARDS	567.4	PB-214	5.19E-02	3.56E-02	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Fish - Free Swimmer
Quantity: Grams (wet)
Activity: pCi/gram (wet)

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	519.2	CS-137	7.01E-02	2.14E-02	
45	SITE VARIES WITHIN LAKE ROBINSON	5/18/2005	519.2	K-40	2.47E+00	5.74E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	479.4	TH-234	6.37E-01	6.35E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	479.4	K-40	2.75E+00	5.24E-01	
45	SITE VARIES WITHIN LAKE ROBINSON	11/15/2005	479.4	CS-137	5.00E-02	1.56E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	559.8	K-40	1.54E+00	5.82E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	559.8	BI-214	5.84E-02	5.55E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	5/17/2005	559.8	CS-137	7.28E-02	2.82E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	647	CS-137	6.72E-02	1.85E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	647	RA-226	4.34E-01	3.14E-01	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	647	PB-214	4.71E-02	3.24E-02	
46	SITE VARIES WITHIN PRESTWOOD LAKE	11/14/2005	647	K-40	3.08E+00	4.39E-01	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	527.3	CS-137	4.42E-02	3.48E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	527.3	K-40	2.29E+00	6.67E-01	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	527.3	BI-214	1.16E-01	6.83E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	5/17/2005	527.3	PB-214	1.09E-01	8.08E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	458.3	CS-137	1.20E-01	2.92E-02	
47	CONTROL STATION, ANY LAKE NOT INFLUENC	11/14/2005	458.3	K-40	2.49E+00	6.05E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Groundwater
Quantity: Liters
Activity: pCi/Liter

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
42	UNIT 1 OR UNIT 2 DEEP WELL	3/7/2005	1	NO-ACT			
42	UNIT 1 OR UNIT 2 DEEP WELL	6/27/2005	1	NO-ACT			
42	UNIT 1 OR UNIT 2 DEEP WELL	8/22/2005	1	NO-ACT			
42	UNIT 1 OR UNIT 2 DEEP WELL	11/28/2005	1	PB-214	1.43E+01	8.29E+00	
64	SC 23 @ BLACK CREEK	3/7/2005	1	K-40	2.93E+02	4.57E+01	
64	SC 23 @ BLACK CREEK	6/27/2005	1	K-40	6.70E+01	4.47E+01	
64	SC 23 @ BLACK CREEK	8/22/2005	1	NO-ACT			
64	SC 23 @ BLACK CREEK	11/28/2005	1	NO-ACT			

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Shoreline Sediment
Quantity: Grams (dry)
Activity: pCi/gram dry

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	3/2/2005	1463.3	PB-212	5.71E-02	2.73E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	3/2/2005	1463.3	BI-214	1.36E-01	3.78E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	3/2/2005	1463.3	PB-214	1.47E-01	3.75E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	3/2/2005	1463.3	TL-208	3.58E-02	1.93E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	PB-212	4.73E-01	7.30E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	BI-212	3.53E-01	2.46E-01	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	BI-214	4.85E-01	8.56E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	PB-214	4.31E-01	8.39E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	RA-226	1.06E+00	5.56E-01	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	TL-208	2.03E-01	3.72E-02	
44	1.6 MI NNE - SHADY REST CLUB, EAST SHORE	8/12/2005	1522.3	AC-228	5.52E-01	1.35E-01	
57	ASH POND	3/2/2005	1485.7	RA-226	6.04E-01	4.99E-01	
57	ASH POND	3/2/2005	1485.7	K-40	1.40E+00	3.44E-01	
57	ASH POND	3/2/2005	1485.7	TL-208	1.61E-01	3.75E-02	
57	ASH POND	3/2/2005	1485.7	BI-212	3.47E-01	1.78E-01	
57	ASH POND	3/2/2005	1485.7	PB-212	3.83E-01	5.00E-02	
57	ASH POND	3/2/2005	1485.7	PB-214	4.19E-01	7.33E-02	
57	ASH POND	3/2/2005	1485.7	AC-228	4.35E-01	1.04E-01	
57	ASH POND	3/2/2005	1485.7	BI-214	2.93E-01	7.81E-02	
57	ASH POND	8/12/2005	1092.1	PB-212	9.10E-01	8.61E-02	
57	ASH POND	8/12/2005	1092.1	BI-212	6.50E-01	3.26E-01	
57	ASH POND	8/12/2005	1092.1	AC-228	8.78E-01	1.79E-01	
57	ASH POND	8/12/2005	1092.1	TL-208	2.74E-01	6.11E-02	
57	ASH POND	8/12/2005	1092.1	K-40	4.54E+00	7.10E-01	
57	ASH POND	8/12/2005	1092.1	BE-7	8.06E-01	4.52E-01	
57	ASH POND	8/12/2005	1092.1	BI-214	9.98E-01	1.40E-01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Shoreline Sediment
Quantity: Grams (dry)
Activity: pCi/gram dry

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
57	ASH POND	8/12/2005	1092.1	PB-214	1.01E+00	1.15E-01	
57	ASH POND	8/12/2005	1092.1	RA-226	2.72E+00	1.09E+00	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water
Quantity: Liters
Activity: pCi/Liter

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	1/21/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	2/17/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	3/17/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	4/18/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	5/16/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	6/17/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	7/18/2005	1.00	K-40	7.50E+01	3.76E+01	
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	8/19/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	9/19/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	10/17/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	11/17/2005	1.00	NO-ACT			
40	0.6 MI ESE- BLACK CR AT OLD CAMDEN RD (#S-	12/19/2005	1.00	NO-ACT			
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	1/21/2005	1.00	K-40	6.46E+01	3.74E+01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	2/17/2005	1.00	K-40	2.70E+02	3.09E+01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	3/17/2005	1.00	K-40	6.12E+01	5.05E+01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	4/18/2005	1.00	K-40	4.76E+01	3.75E+01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	4/18/2005	1.00	TL-208	3.12E+00	2.07E+00	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/16/2005	1.00	BI-214	5.69E+00	3.44E+00	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	5/16/2005	1.00	K-40	5.34E+01	3.79E+01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	6/17/2005	1.00	NO-ACT			
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	7/18/2005	1.00	NO-ACT			
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	8/19/2005	1.00	NO-ACT			
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	9/19/2005	1.00	NO-ACT			
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	10/17/2005	1.00	K-40	5.93E+01	3.68E+01	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	11/17/2005	1.00	TL-208	2.12E+00	2.02E+00	
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	11/17/2005	1.00	K-40	3.86E+01	3.63E+01	

RNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water
Quantity: Liters
Activity: pCi/Liter

Sample Point		Sample Date	Quantity	Isotope	Activity	2 Sigma Error	LLD
41	8.0 MI N - BLACK CREEK AT US 1 - CONTROL	12/19/2005	1.00	NO-ACT			
57	ASH POND	1/21/2005	1.00	NO-ACT			
57	ASH POND	2/17/2005	1.00	NO-ACT			
57	ASH POND	3/17/2005	1.00	K-40	2.87E+02	3.21E+01	
57	ASH POND	4/18/2005	1.00	NO-ACT			
57	ASH POND	5/16/2005	1.00	NO-ACT			
57	ASH POND	6/17/2005	1.00	TL-208	3.28E+00	1.96E+00	
57	ASH POND	6/17/2005	1.00	K-40	6.05E+01	4.40E+01	
57	ASH POND	7/18/2005	1.00	TL-208	2.51E+00	2.08E+00	
57	ASH POND	7/18/2005	1.00	K-40	6.82E+01	5.00E+01	
57	ASH POND	8/19/2005	1.00	K-40	4.88E+01	4.57E+01	
57	ASH POND	9/19/2005	1.00	TL-208	3.41E+00	2.58E+00	
57	ASH POND	9/19/2005	1.00	K-40	1.12E+02	4.91E+01	
57	ASH POND	9/19/2005	1.00	PB-212	4.02E+00	3.44E+00	
57	ASH POND	10/17/2005	1.00	AC-228	6.82E+00	6.47E+00	
57	ASH POND	11/17/2005	1.00	K-40	8.14E+01	4.60E+01	
57	ASH POND	11/17/2005	1.00	TL-208	4.08E+00	2.40E+00	
57	ASH POND	12/19/2005	1.00	NO-ACT			