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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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Subject: Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Docket Nos. 50-325 and 50-324
Radiological Environmental Operating Report for 2012

Ladies and Gentlemen:

In accordance with Technical Specification (TS) 5.6.2 for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, Duke Energy Progress, Inc., formerly known as Carolina Power & Light Company (CP&L), is submitting the enclosed Radiological Environmental Operating Report for 2012.

No regulatory commitments are contained in this submittal. Please refer any questions regarding this submittal to Mr. Lee Grzeck, Manager - Regulatory Affairs, at (910) 457-2487.

Sincerely,

Annette H. Pope
Manager – Organizational Effectiveness
Brunswick Steam Electric Plant

MAT/mat

Enclosure:

Radiological Environmental Operating Report for 2012

TE25
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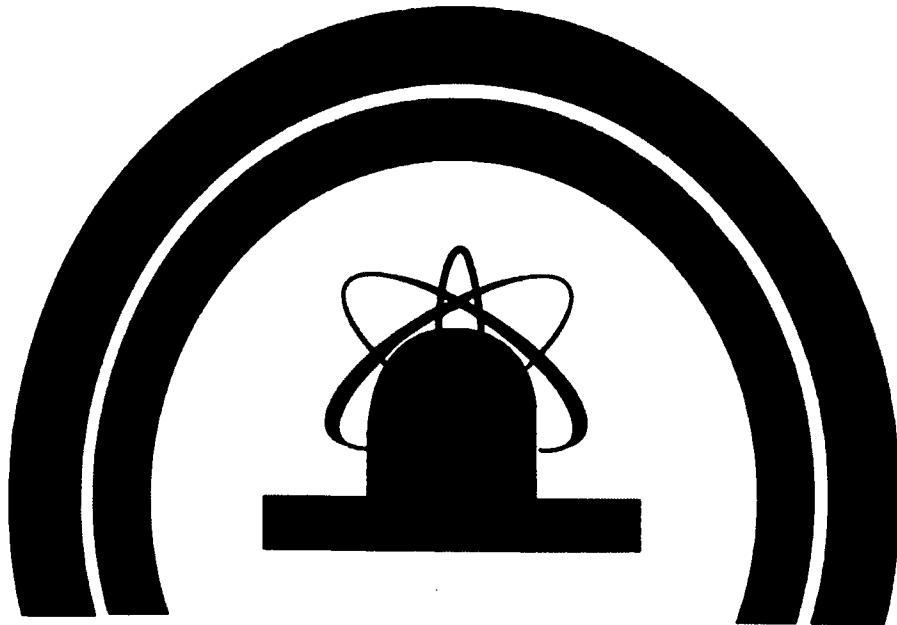
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Radiological Environmental Operating Report for 2012

**RADIOLOGICAL
ENVIRONMENTAL OPERATING
REPORT
2012**

BRUNSWICK STEAM ELECTRIC PLANT



DUKE ENERGY PROGRESS, INC.

Formerly Known as

CAROLINA POWER & LIGHT COMPANY

**SHEARON HARRIS ENERGY &
ENVIRONMENTAL CENTER
DUKE ENERGY PROGRESS. INC.
FORMERLY KNOWN AS
CAROLINA POWER & LIGHT COMPANY
NEW HILL, NORTH CAROLINA**

**RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT
FOR
BRUNSWICK STEAM ELECTRIC PLANT
JANUARY 1 THROUGH DECEMBER 31, 2012**

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EXECUTIVE SUMMARY

The Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, is operated by Duke Energy Progress, Inc., formerly known as Carolina Power & Light Company (CP&L), under licenses granted by the Nuclear Regulatory Commission (NRC). BSEP Technical Specification 5.6.2 and the BSEP Offsite Dose Calculation Manual (ODCM) establish the requirements of the Radiological Environmental Monitoring Program (REMP). This report provides the results of the REMP from January 1, 2012 through December 31, 2012.

The REMP was established in 1973. Radiation and radioactivity in various environmental media have been monitored for more than 35 years, including monitoring in excess of a year prior to commencing operation. Monitoring is also provided for control locations which would not be impacted by operations of BSEP. Using the data from the control locations and the historical data collected prior to operation, analyses of data from locations which could potentially be impacted by the operations of BSEP were performed. Radiation levels show no measurable change from pre-operational radiation levels.

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 and control data other than during the timeframe (March 11, 2011) of fallout from the Fukushima Dai-ichi nuclear power plant.
- Milk was unavailable due to no milk (milch) animals (goat or cow) currently identified within the environs of the plant; therefore, no exposure pathway exists.
- Terrestrial vegetation includes broadleaf vegetation from indicator and control locations. Results indicate no by-product/plant-related activity in any sample except for K-40 (potassium-40) and other naturally occurring gamma activity.
- Aquatic organism monitoring includes fish (free swimmers and bottom feeders), invertebrates (shellfish (SH)), and Benthic organisms (organisms that live on the bottom of the ocean (BO)). Results indicated no detectable plant - related activity.
- Surface water results indicate no by-product/plant-related gamma activity; however, some surface water samples detect the presence of tritium, which is attributed to plant operations. Refer to the Interpretations and Conclusions Section / Surface Water and Figure 22.
- Shoreline Sediment results indicate that three shoreline sediment indicator samples detected the presence of Cs-137 activity. No other gamma activity was detected in any sample except for K-40 (potassium-40) and other naturally occurring gamma activity.
- External radiation dose showed no measurable change from pre-operational data.

The continued operation of BSEP has not significantly contributed radiation or the presence of radioactivity in the environmental media monitored. The measured concentrations of radioactivity and radiation 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 REMP is to measure accumulation of radioactivity in the environments, to determine whether this radioactivity is the result of operations of BSEP and to assess the potential dose to the off-site population based on the cumulative measurements of radioactivity of plant origin. Radiological monitoring programs provide an additional verification of the containment and radiological controls of nuclear generating stations.

The REMP was established in 1973 and continues to collect samples and evaluate them.

Requirements are established for the radiological monitoring program as follows:

- Technical Specifications
- Off-Site Dose Calculation Manual (ODCM)
- Various procedures

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"
- NRC Regulatory Guide 4.13, "Performance, Testing, and Procedural Specifications for Thermoluminescence Dosimetry: Environmental Applications"
- NRC Regulatory Guide 4.15 revision 1, "Quality Assurance for Radiological Monitoring Programs (Normal Operations) - Effluent Streams and the Environment"

General Site Description

BSEP consists of two boiling water reactors with a design rating of 2923 megawatts thermal. Commercial production was initiated by Unit 2 on November 3, 1975 and by Unit 1 on March 18, 1977. BSEP is located in Brunswick County, North Carolina. The site is along state route 87 approximately two and a half miles north of Southport and is displayed on the map of southeastern North Carolina (Figure 1). The community of Boiling Spring Lakes is about three miles northwest of the site. The towns of Caswell Beach and Oak Island are on a barrier island south of the plant. The site is also approximately 16 miles south of Wilmington, North Carolina.

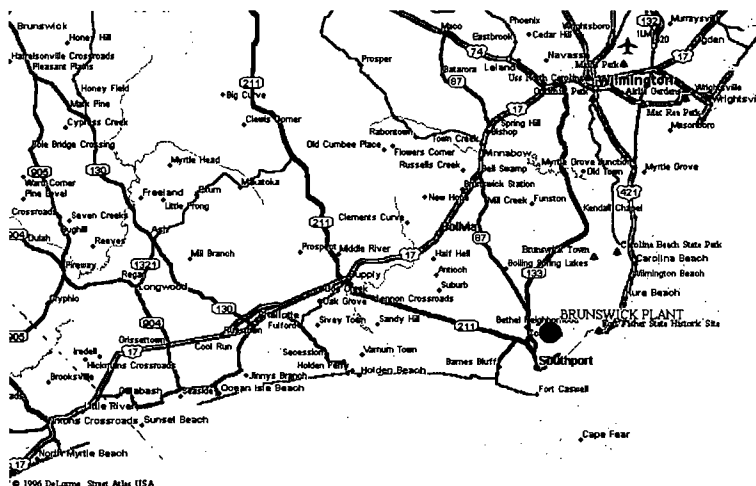


Figure 1: Location of Brunswick Steam Electric Plant

The Cape Fear River is east of the plant, and cooling water is drawn from the river through a canal. The cooling water is discharged to the Atlantic Ocean through a canal, pumping station, and piping. The discharge point is south of the town of Caswell Beach.

The plant site varies in elevation from sea level to 30 feet above mean sea level (MSL). It is surrounded by extensive marshes. The lower Cape Fear River is an important nursery area for shellfish, and other marine species.

The local economy supports significant recreational, industrial, agricultural, and government contributions. There is well-developed recreational use of the barrier islands south and east of the site. Fishing and boating are popular activities. Commercial fishing is also an important industry in the community. Agriculture utilizes some of the land within 50 miles of the site; such as small truck farms, cattle, poultry, and row crops including corn, soybeans and tobacco. Industrial activity includes the Archer-Daniels-Midland Chemical (ADM) Company, a manufacturer of citric acid, located one and a half miles southeast of the plant. In conjunction with the citric acid plant is a small electrical generating station operated by Primary Energy. This coal-fired station is composed of two units rated at 55 MWe each.

Transportation is a significant industry in the local economy, with the Port of Wilmington north of the site. The shipping channel is just east of the site in the Cape Fear River. Also, the Sunny Point Military Ocean Terminal (MOT) is located approximately three miles north of the plant site on the Cape Fear River.

RADIOLOGICAL MONITORING PROGRAM QUALITY ASSURANCE

A required component of the REMP is the Quality Assurance Program. The standards for the quality assurance program are established in NRC Regulatory Guide (R.G.) 4.15 revision 1, "Quality Assurance for Radiological Monitoring Programs." According to R.G. 4.15 revision 1, the purpose of the quality assurance program is "(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." 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 the Eckert & Ziegler Analytics Environmental Cross-Check Program, which provides an independent assessment of the quality of laboratory results,
- BSEP participates in the Eckert & Ziegler Analytics Radiochemistry Cross-Check Program,
- GEL Laboratories, LLC (GEL) participates in an Inter-laboratory, an Intra-laboratory, and a Third Party Cross Check sample program.
 - Department of Energy Mixed Analyte Performance Evaluation Program (MAPEP),
 - US Environmental Protection Agency Discharge Monitoring Report, Quality Assurance Program (DMR-QA),
 - ERA's InterLaB RadCheM Proficiency Testing Program,
 - Environmental Cross Check Program administered by Eckert & Ziegler Analytics, Inc. of Atlanta, and
- 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; Duke Energy Progress, Inc., formerly known as Carolina Power & Light Company (CP&L) 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 following pathways are monitored: 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	Thermoluminescent Dosimetry (TLD) Shoreline Sediment
Ingestion	Broadleaf Vegetation Fish and Invertebrates Surface Water
Inhalation	Air Samples (Particulate and Radioiodine)

Sampling Locations

Sampling locations are chosen based upon meteorological factors, preoperational 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 through 15. A description of each sample location may be found in Table 2.

Radiological Sampling Locations



Figure 2: Radiological Sampling Locations (Distant from Plant)

Stations not illustrated:

204 (Sutton Plant in Wilmington) and 206 (Brunswick County Complex) - (Control Air Stations)

703, 704, 705 (Location not Specified in the Atlantic Ocean)(Control Fish Station)

802 (Location not specified) (Control Vegetation)

Radiological Sampling Locations



Figure 3 (Nearest Plant) is an expanded view of the previous figure (Figure 2).

**Figure 4 BSEP Environmental Sampling Locations
Independent Spent Fuel Storage Installation (ISFSI) TLDs**

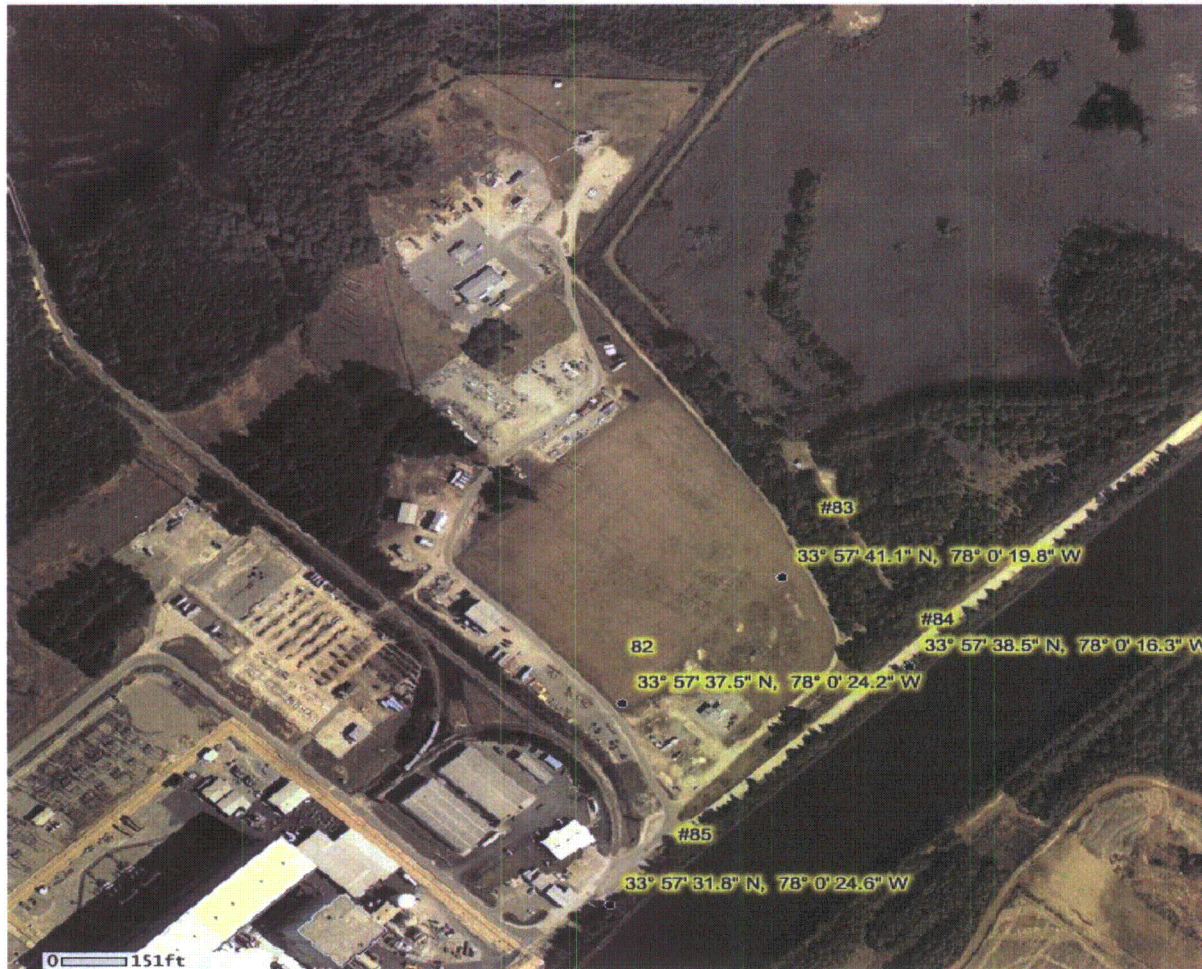
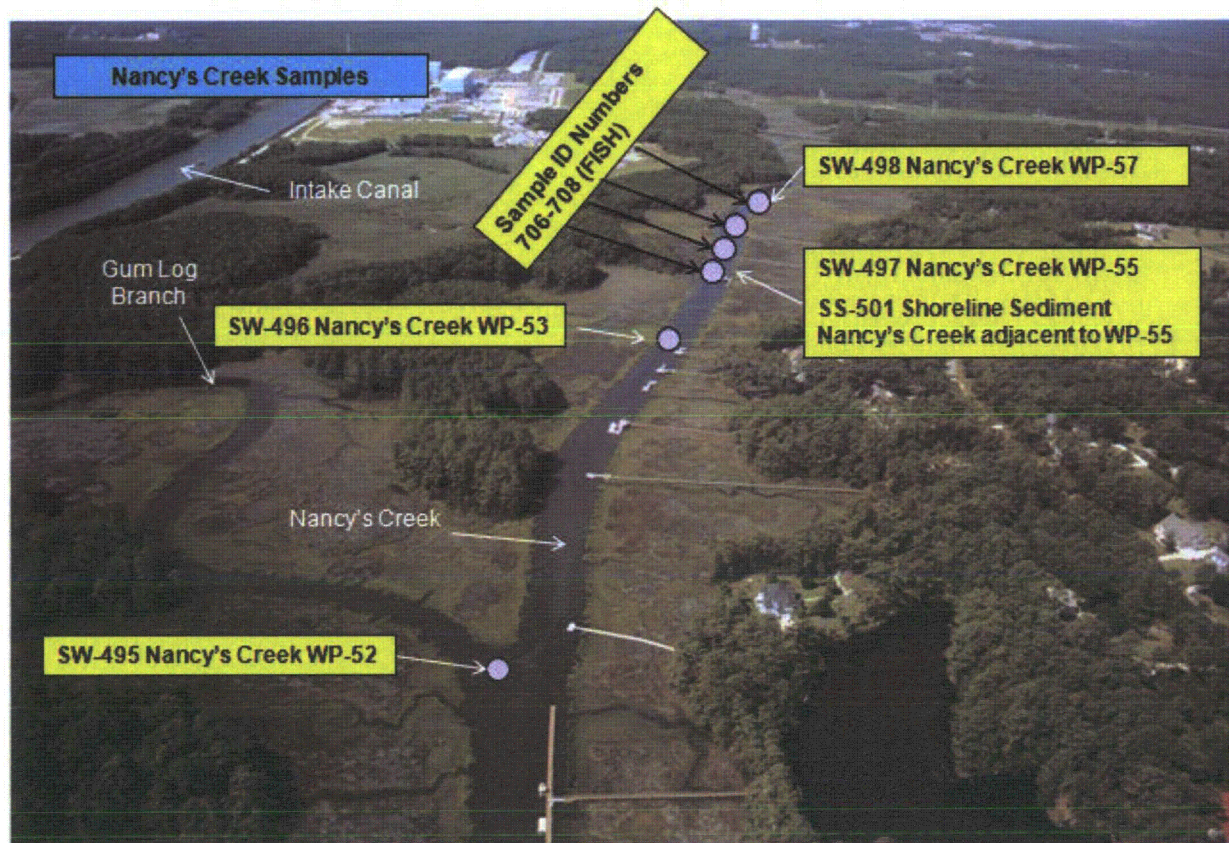


Figure 5 BSEP Environmental Sampling Locations



BSEP Environmental Sample Locations

Figure 6 BSEP Environmental Sampling Locations (Continued)

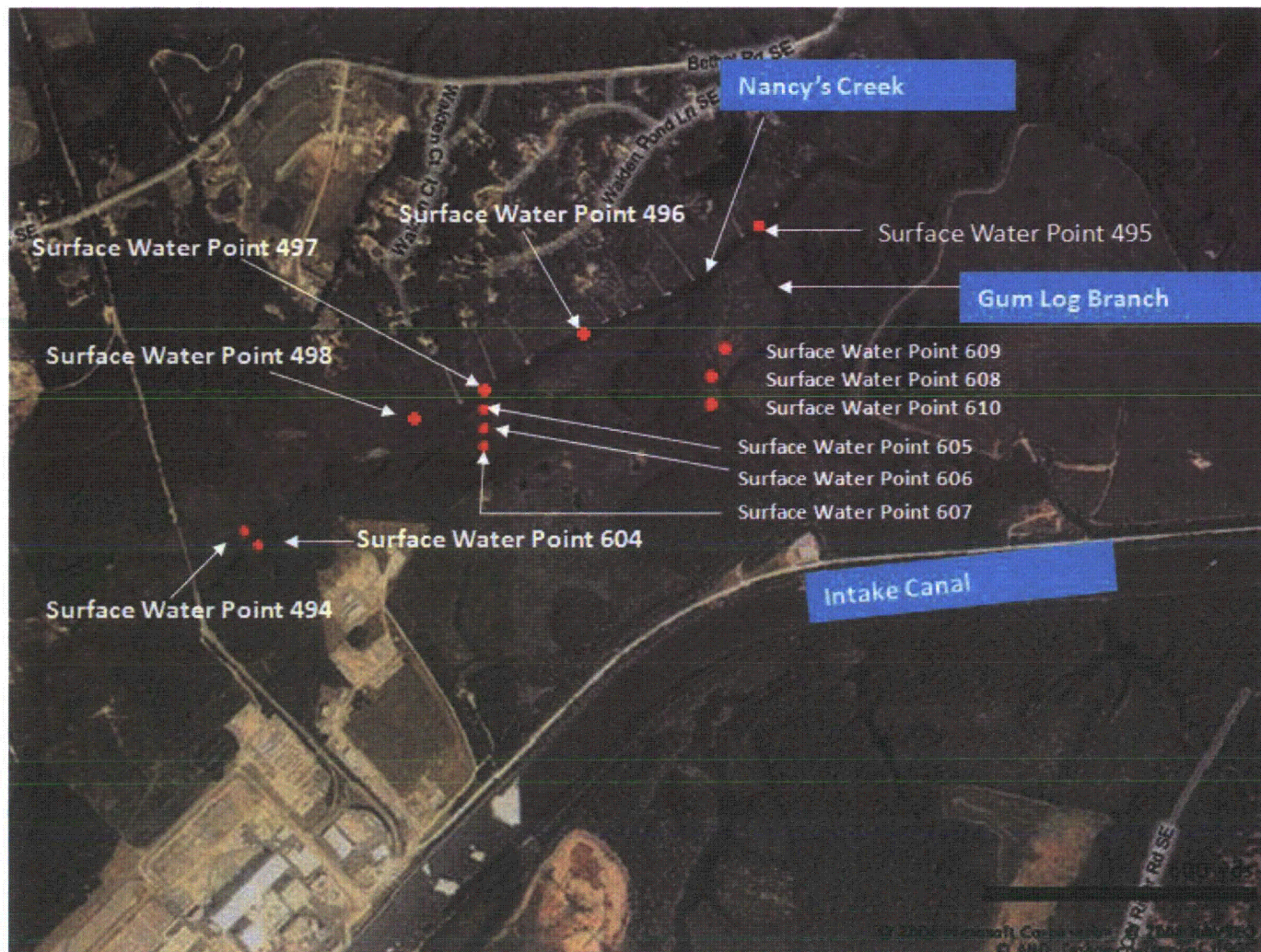


Figure 7 BSEP Environmental Sampling Locations (Continued)

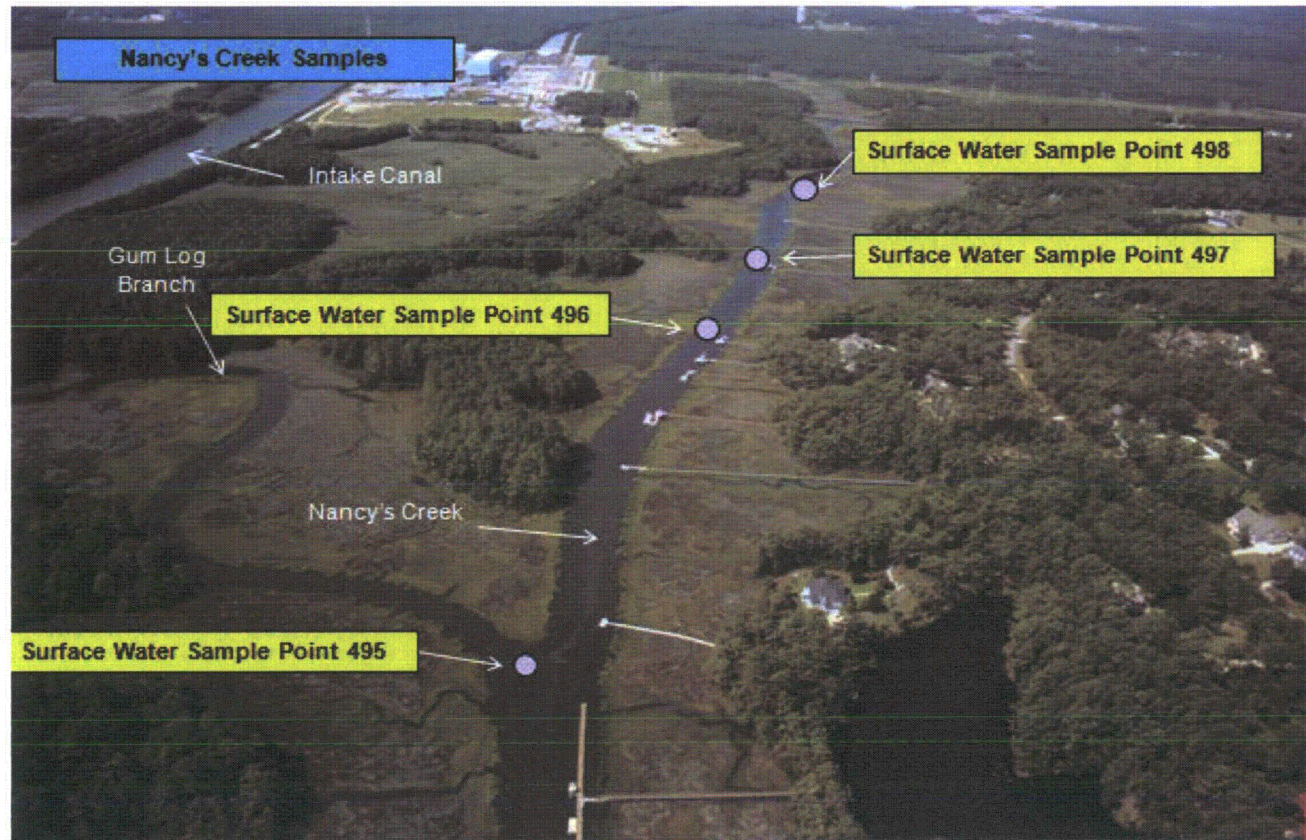


Figure 8 BSEP Environmental Sampling Locations (Continued)

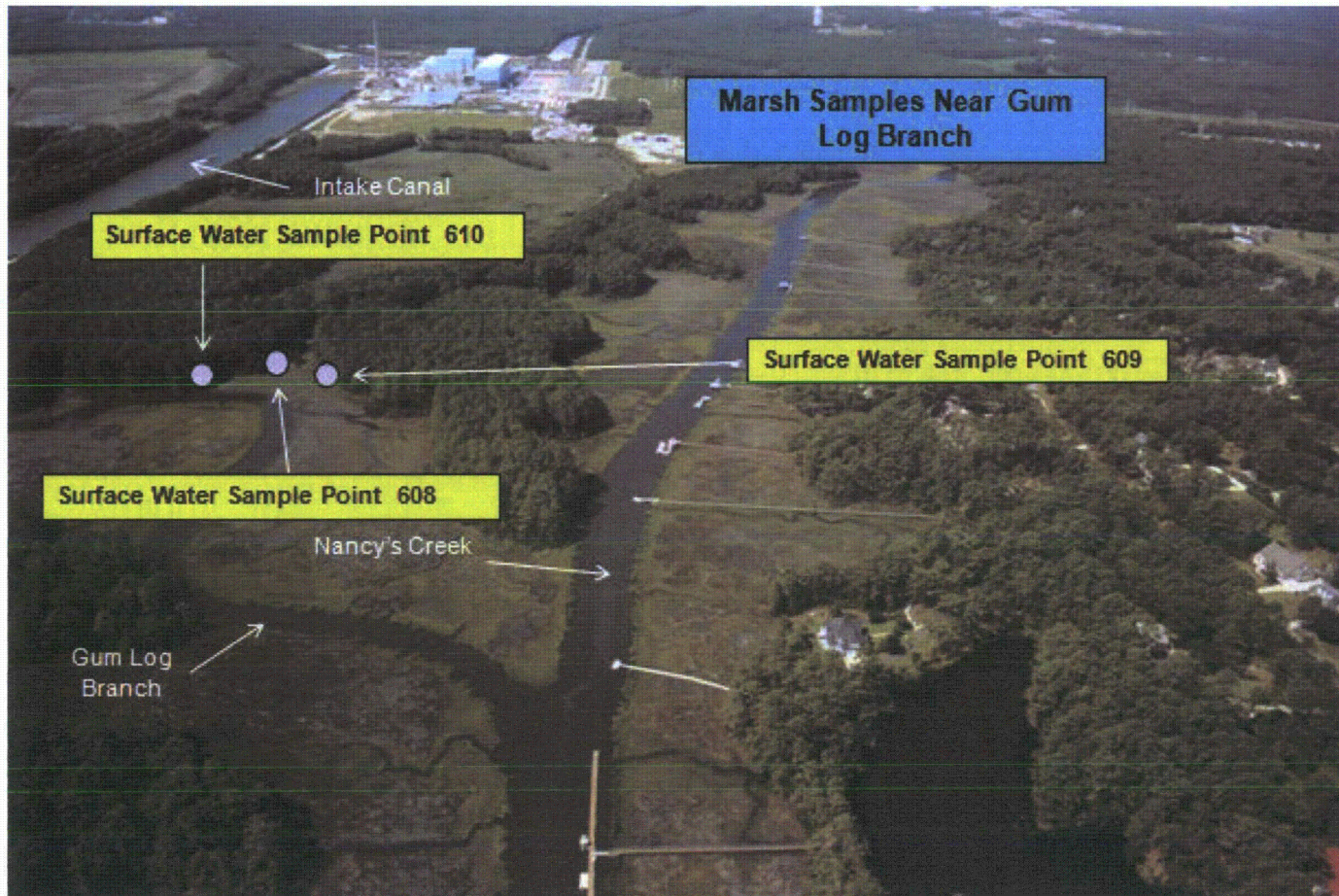


Figure 9 BSEP Environmental Sampling Locations (Continued)

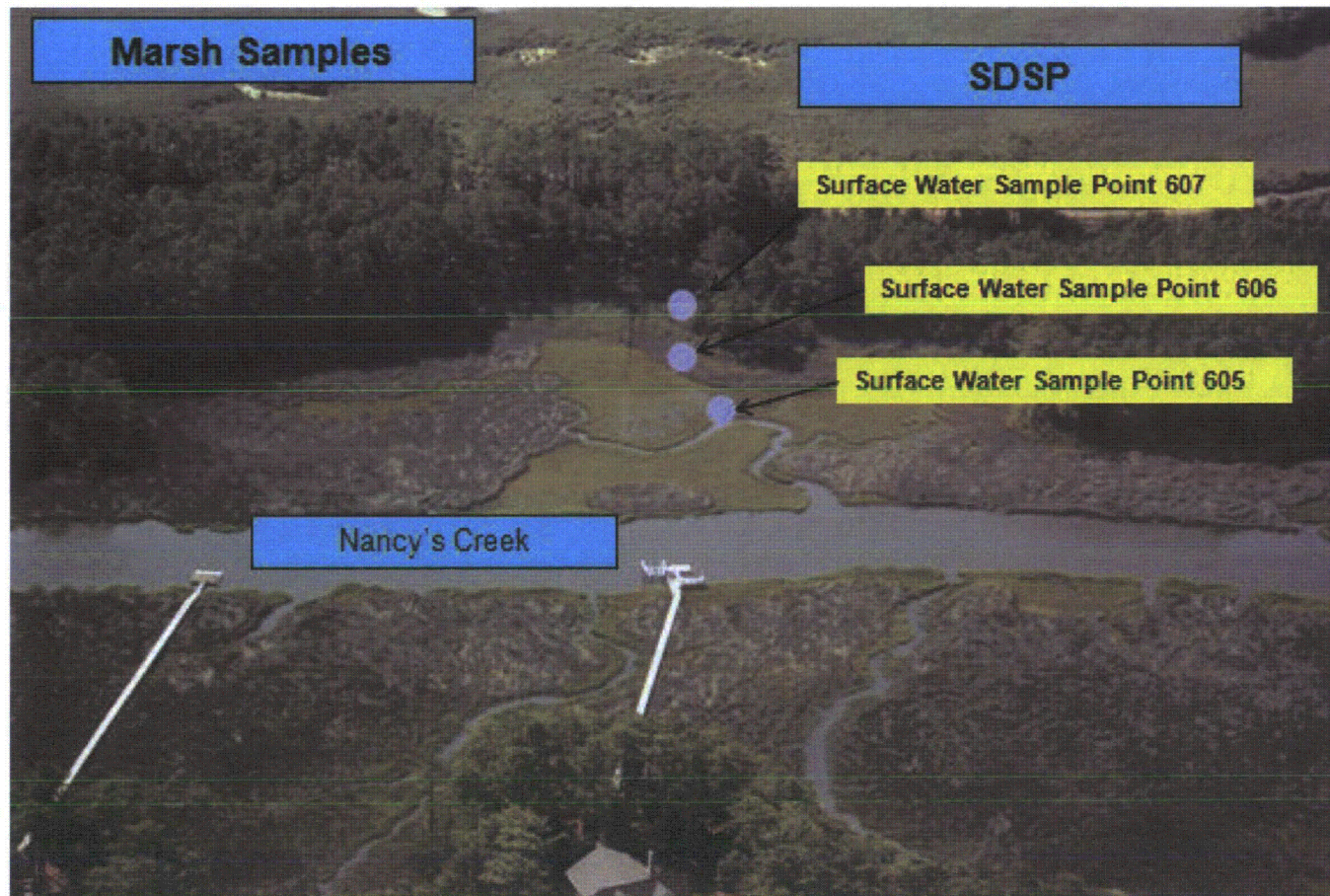


Figure 10 BSEP Environmental Sampling Locations (Continued)

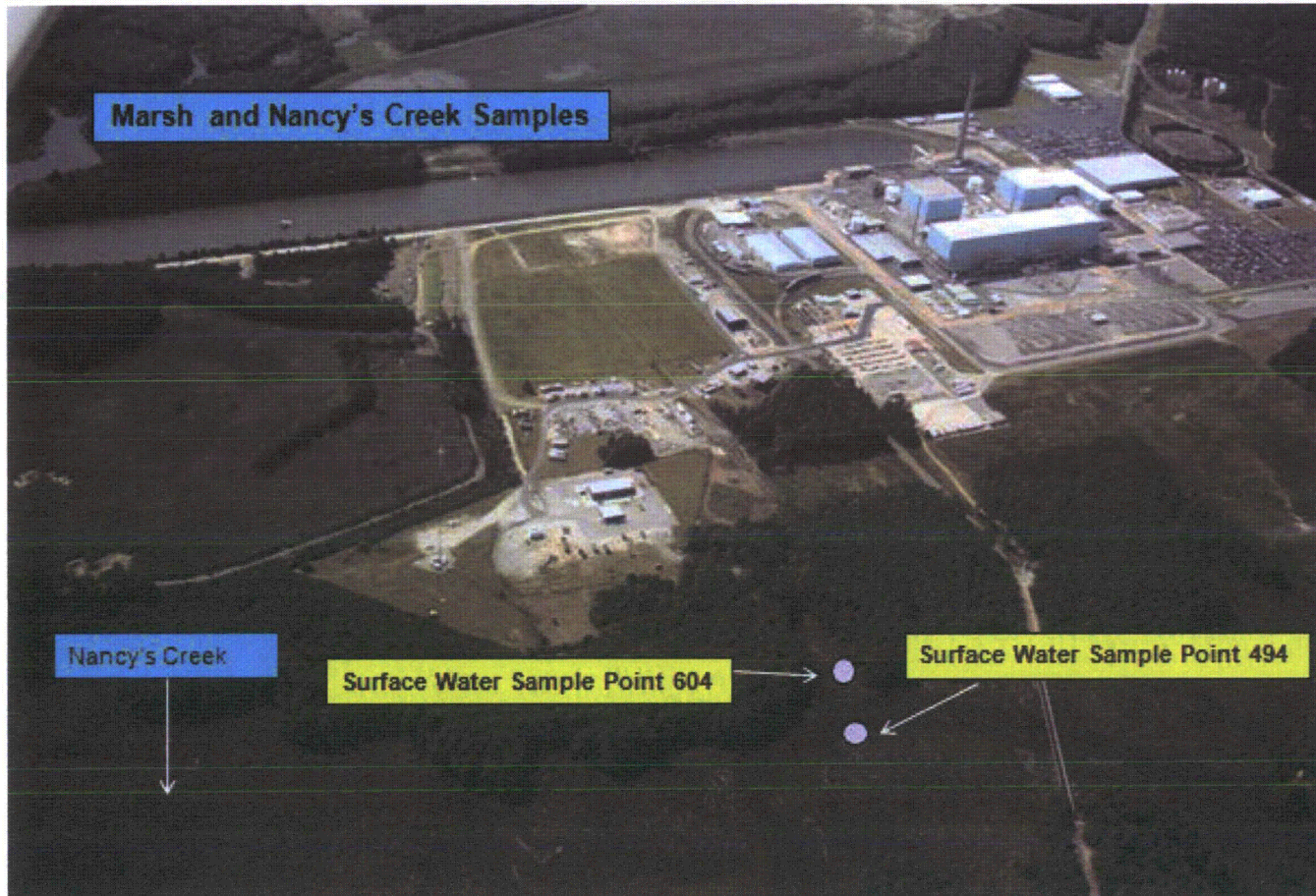
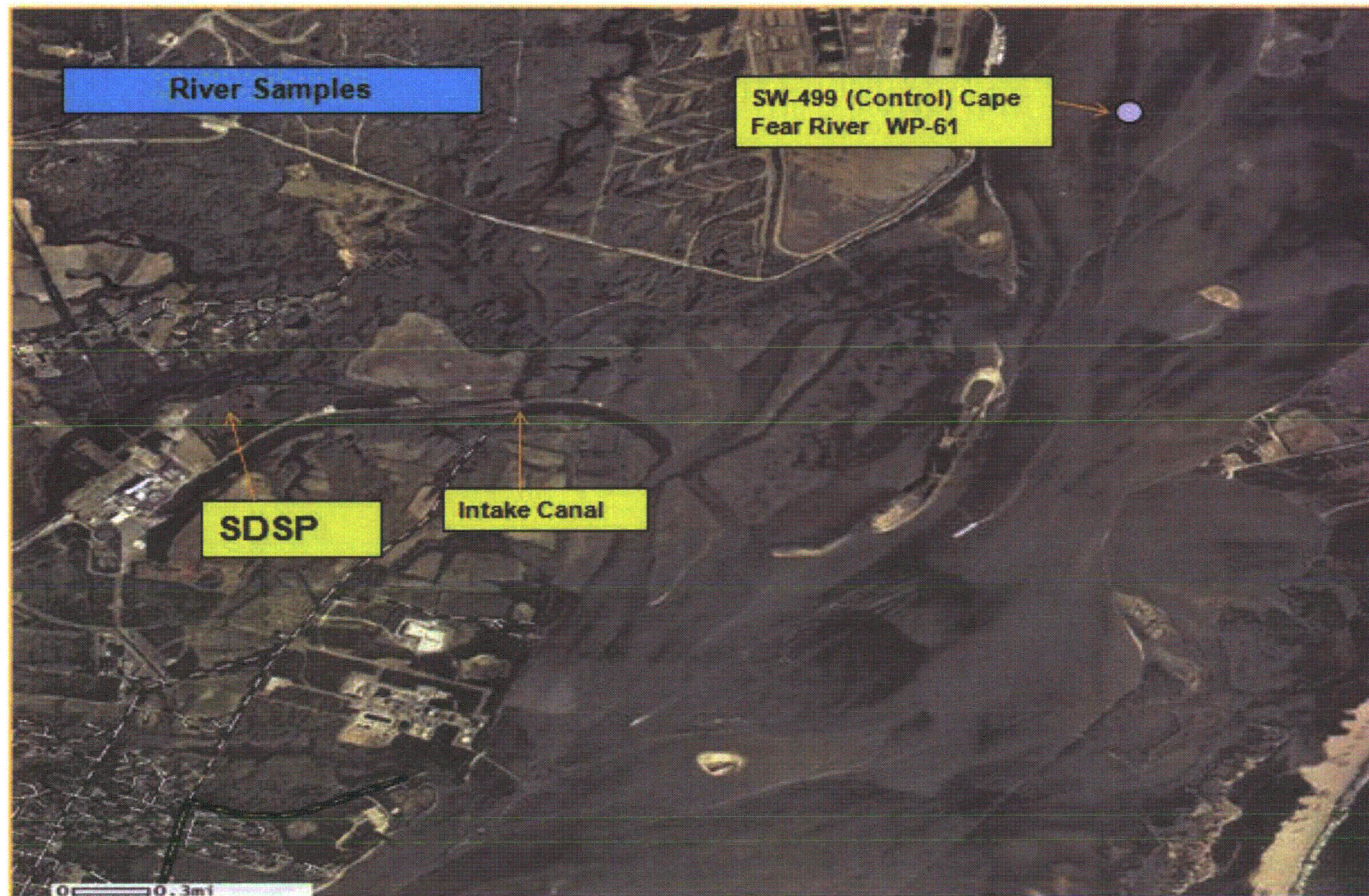


Figure 11 BSEP Environmental Sampling Locations (Continued)



SDSP: Storm Drain Stabilization Pond

Figure 12 BSEP Environmental Sampling Locations – Wells

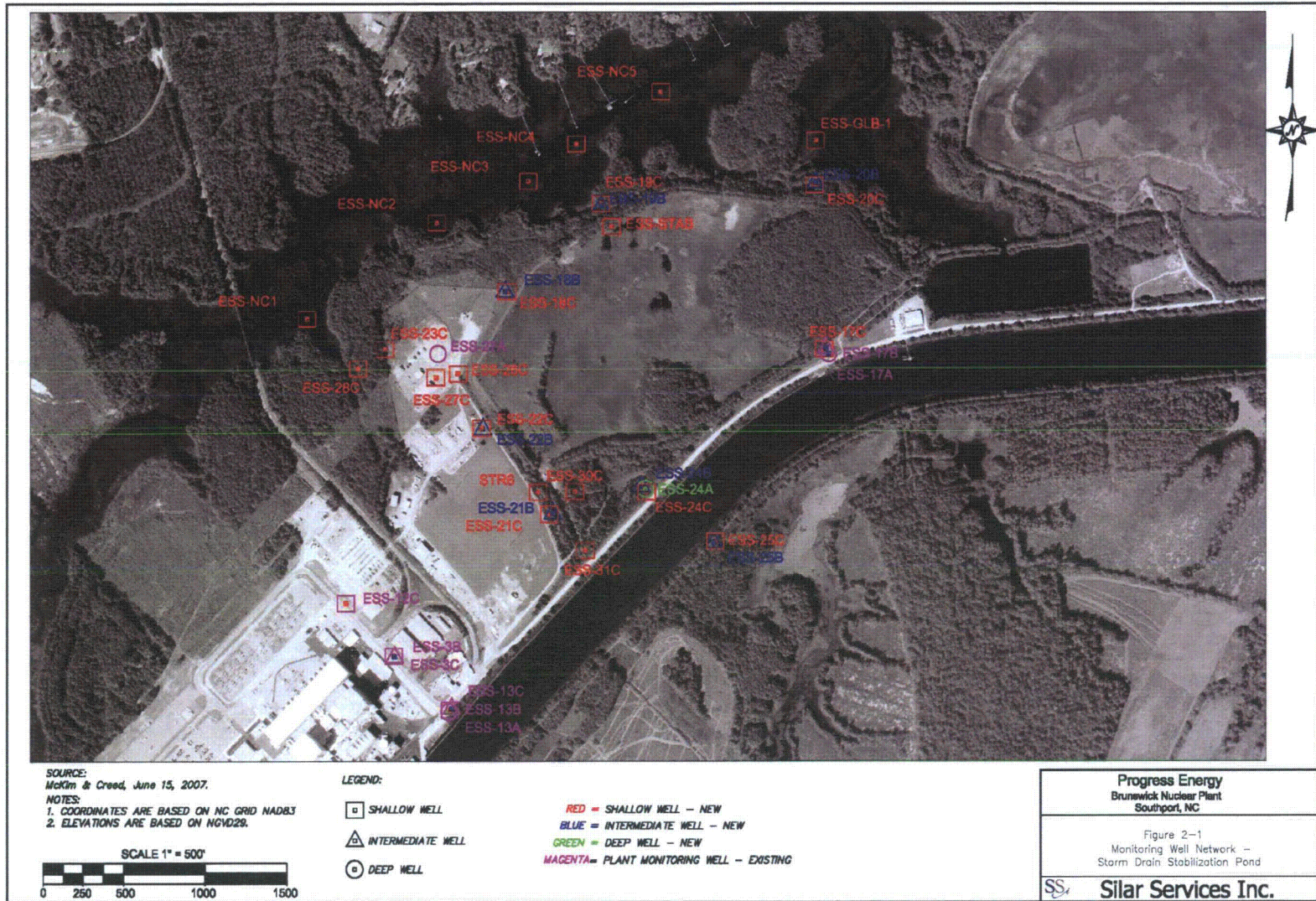
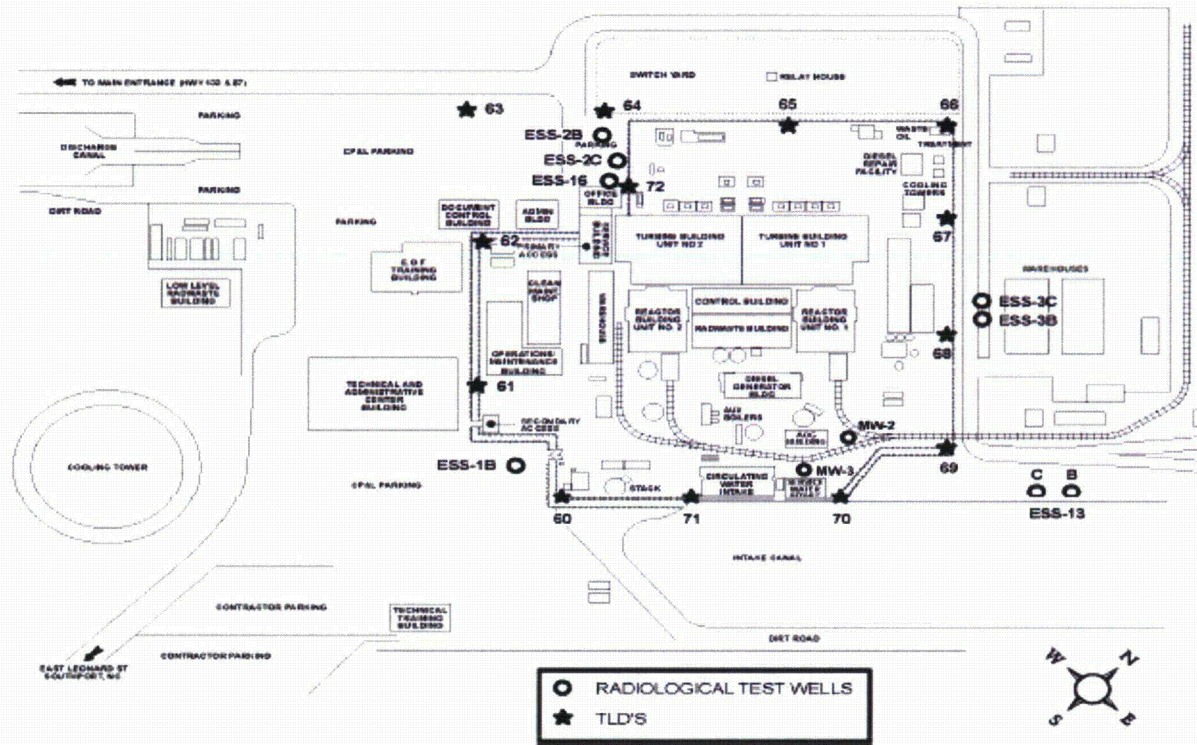


Figure 13 BSEP Environmental Sampling Locations – Wells (Continued)



Figure 14 BSEP Environmental Sampling Locations – Wells (Continued)



NOTE: Well ESS-17 is located near the Biology Lab.

Figure 15 BSEP Environmental Sampling Locations – Wells (Continued)

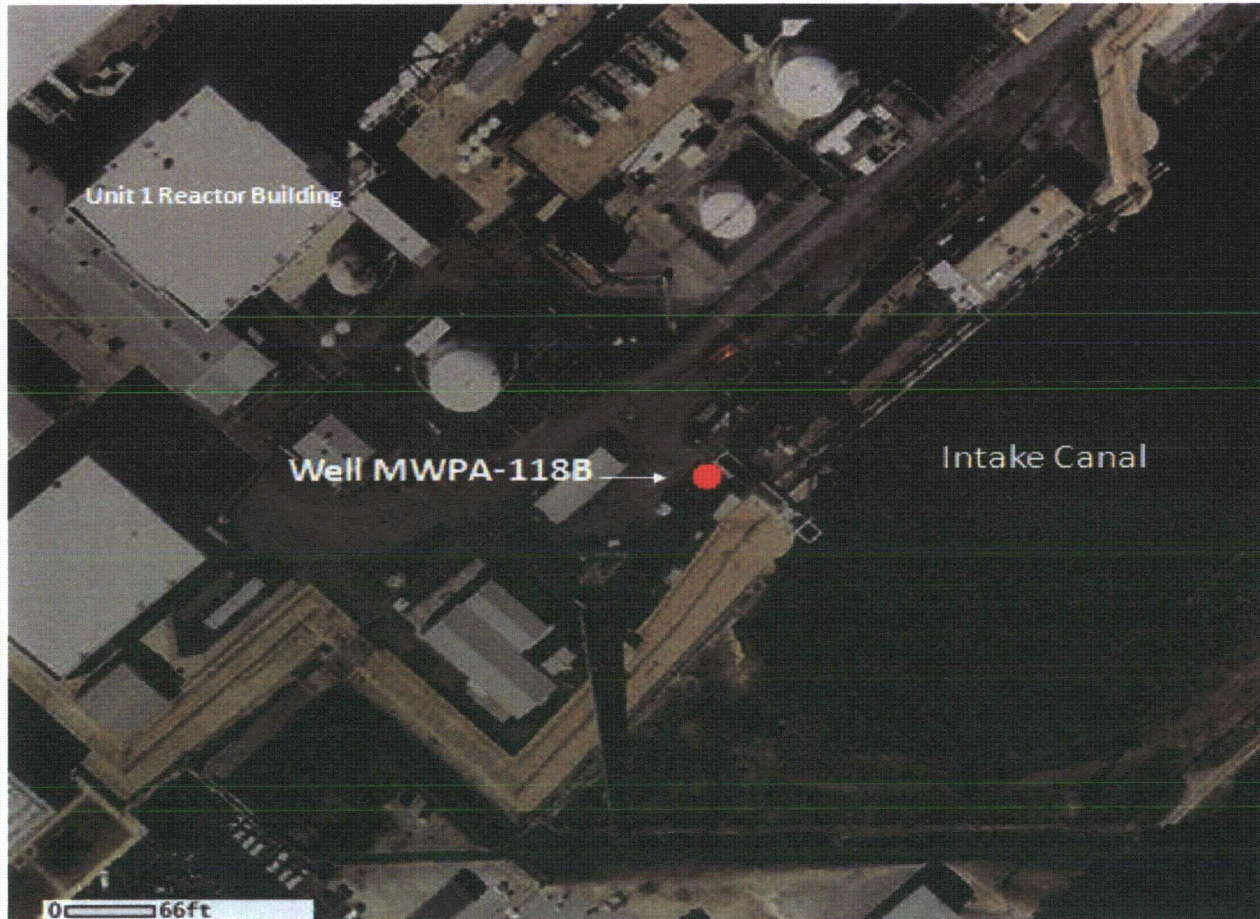


Table 2
Brunswick Steam Electric Plant
Radiological Monitoring Sampling Locations

Sample Type	Location & Description	Frequency	Sample Size	Analysis
Air Cartridge (AC)	200--1.0 miles WSW Visitors Center 201--0.5 miles NE Bio Lab Rd. – Projected Maximum Annual Concentration (PMAC) 202--1.0 miles S Substation on Construction Rd. 203--2.0 miles SSW Southport substation 204--22.4 miles NNE Sutton Plant (Historical Control)* 205--0.6 miles SSE Spoil Pond 206--11.3 miles NW Brunswick County Complex*	Weekly (Continuous Sampling)	(270 m ³)	Iodine-131
Air Particulate (AP)	200--1.0 miles WSW Visitors Center 201--0.5 miles NE Bio Lab Rd. – Projected Maximum Annual Concentration (PMAC) 202--1.0 miles S Substation on Construction Rd. 203--2.0 miles SSW Southport substation 204--22.4 miles NNE Sutton Plant (Historical Control)* 205--0.6 miles SSE Spoil Pond 206--11.3 miles NW Brunswick County Complex*	Weekly (Continuous Sampling) Quarterly	(270 m ³)	Gross Beta (Weekly) Composite Gamma (Quarterly)
Fish (F1) and Invertebrates (shrimp)	700--5.5 miles SSW Atlantic Ocean @ discharge (free swimmers) 701--5.5 miles SSW Atlantic Ocean @ discharge (bottom feeders) 702--5.5 miles SSW Atlantic Ocean @ discharge (invertebrates) 703--Atlantic Ocean; location not specified* (free swimmers) 704--Atlantic Ocean; location not specified* (bottom feeders) 705--Atlantic Ocean; location not specified* (invertebrates) 706--Nancy's Creek; location not specified (free swimmers) 707--Nancy's Creek; location not specified (bottom feeders) 708--Nancy's Creek; location not specified (invertebrates)	Semiannual (In Season) Annual	500 grams (wet)	Gamma (Edible portions) Gamma Tritium (Edible portions)
Broadleaf Vegetation (BL)	800--0.7 miles NE Intake Canal 801--0.8 miles SW Discharge Canal 802--10.1 miles; location not specified* 803--0.6 miles SSE Spoil Pond 804--0.7 miles S Leonard Street plant exit adjacent to RR tracks	Monthly (As available)	360 grams (wet)	Gamma Iodine-131
Shoreline Sediment (SS)	500--5.0 miles SSW Discharge; Beach near OD pumps 501--Nancy's Creek, Adjacent to WP-55, Near Storm Drain Stabilization Pond	Semiannual Annual	575 grams	Gamma

* Control Stations ^AAdded per Revision 35 of BSEP ODCM

^DDeleted per Revision 35 of BSEP ODCM.

Table 2 (Continued)
Brunswick Steam Electric Plant
Radiological Monitoring Sampling Locations

Sample Type	Location & Description	Frequency	Sample Size	Analysis
Surface Water (SW)	400--0.6 miles NE Intake Canal*	Composite Monthly	4 liters	Gamma (Monthly) Tritium (Quarterly)
	401--4.9 miles SSW Discharge Canal @ OD Pumps			
	494--Nancy's Creek – WP-106	Grab Sample, Weekly Monthly	N/A	Tritium (Weekly) Gamma (Monthly)
	495--Nancy's Creek – WP-52			
	496--Nancy's Creek – WP-53			
	497--Nancy's Creek – WP-55			
	498--Nancy's Creek – WP-57			
	499--Cape Fear River – WP-61*			
	604--Nancy's Creek Marsh Area – WP-92 ^A	Grab Sample, Weekly ^A	N/A	Tritium, Gamma (Weekly) ^A
	605--Nancy's Creek Marsh Area – WP-72 ^A			
	606--Nancy's Creek Marsh Area – WP-74 ^A			
	607--Nancy's Creek Marsh Area – WP-76 ^A			
	608--Nancy's Creek Marsh Area – WP-82 ^A			
	609--Nancy's Creek Marsh Area – WP-84 ^A			
	610--Nancy's Creek Marsh Area – WP-88 ^A			
Groundwater (GW)	402--Monitoring Well ESS-2C, 0.17 miles W ^D	Grab Sample, Quarterly, Semiannual	N/A	Tritium (Quarterly) Gamma (Semiannual)
	403--Monitoring Well ESS-16, 0.16 miles W ^D			
	404--Monitoring Well ESS-1B, 0.16 miles SW			
	405--Monitoring Well ESS-2B, 0.17 miles W ^D			
	406--Monitoring Well ESS-3B, 0.08 miles N ^D			
	407--Monitoring Well ESS-13B, 0.06 miles ENE			
	408--Monitoring Well ESS-13C, 0.06 miles ENE ^D			
	409--Monitoring Well ESS-17A, 0.65 miles NE			
	410--Monitoring Well ESS-17B, 0.65 miles NE			
	411--Monitoring Well ESS-17C, 0.65 miles NE ^D			
	412--Monitoring Well ESS-18B, Near SDSP ^D			
	413--Monitoring Well ESS-18C, Near SDSP ^D			
	414--Monitoring Well ESS-19B, Near SDSP ^D			
	415--Monitoring Well ESS-19C, Near SDSP ^D			
	416--Monitoring Well ESS-20B, Near SDSP ^D			
	417--Monitoring Well ESS-20C, Near SDSP ^D			
	418--Monitoring Well ESS-21B, Near SDSP			
	419--Monitoring Well ESS-21C, Near SDSP ^D			
	420--Monitoring Well ESS-22B, Near SDSP ^D			
	421--Monitoring Well ESS-22C, Near SDSP ^D			
	422--Monitoring Well ESS-23C, Near SDSP ^D			
	423--Monitoring Well ESS-24A, Near SDSP			
	424--Monitoring Well ESS-24B, Near SDSP			
	425--Monitoring Well ESS-24C, Near SDSP ^D			
	426--Monitoring Well ESS-25B, Near SDSP			
	427--Monitoring Well ESS-25C, Near SDSP ^D			
	428--Monitoring Well ESS-26C, Near SDSP ^D			
	429--Monitoring Well ESS-27A, Near SDSP			
	430--Monitoring Well ESS-27C, Near SDSP ^D			
	431--Monitoring Well ESS-30C, Near SDSP ^D			
	432--Monitoring Well ESS-31C, Near SDSP ^D			
	433--Monitoring Well MW-2, 0.02 miles S ^D			
	434--Monitoring Well MW-3, 0.03 miles S ^D			
	435--Monitoring Well ESS-Nancy Creek-1 (NC-1) ^D			
	436--Monitoring Well ESS-Nancy Creek-2 (NC-2) ^D			

* Control Stations

^AAdded per Revision 35 of BSEP ODCM

^DDeleted per Revision 35 of BSEP ODCM.

Table 2 (Continued)
Brunswick Steam Electric Plant
Radiological Monitoring Sampling Locations

Sample Type	Location & Description	Frequency	Sample Size	Analysis
Groundwater (GW)	437--Monitoring Well ESS-Nancy Creek-3 (NC-3) ^D 438--Monitoring Well ESS-Nancy Creek-4 (NC-4) ^D 439--Monitoring Well ESS-Nancy Creek-5 (NC-5) ^D 440--Monitoring Well ESS-Gum Log Branch-1, (GLB-1) ^D 447--Monitoring Well ESS-28C, Near SDSP ^D 612--Monitoring Well ESS MWPA-118B, Near Intake Canal & Plant Stack ^A	Grab Sample, Quarterly, Semiannual	N/A	Tritium (Quarterly) Gamma (Semiannual)

* Control Stations ^AAdded per Revision 35 of BSEP ODCM

^DDeleted per Revision 35 of BSEP ODCM.

Table 2 (Continued)
Brunswick Steam Electric Plant
Radiological Monitoring Sampling Locations

Sample Type	Location & Description	Frequency	Sample Size	Analysis
Thermoluminescent Dosimetry (TLD) (Direct Radiation)	1 1.1 miles E	Quarterly	Not Applicable	TLD Reading (Gamma Dose)
	2 0.9 miles ESE			
	3 0.9 miles SE			
	4 1.1 miles SSE			
	5 1.1 miles S			
	6 1.6 miles SSW			
	7 1.1 miles SW			
	8 1.2 miles W			
	9 1.0 miles WNW			
	10 0.8 miles NW			
	11 0.9 miles NNW			
	12 1.1 miles N			
	13 1.2 miles NNE			
	14 0.5 miles NE			
	15 0.9 miles ENE			
	16 1.0 miles WSW			
	17 1.4 miles ESE			
	18 1.7 miles SE			
	**			
	20 2.1 miles S			
	21 2.9 miles SSW			
	22 5.3 miles SW			
	23 4.6 miles WSW			
	24 3.0 miles W			
	25 8.6 miles WNW			
	26 5.9 miles NW			
	27 5.1 miles NNW			
	28 4.2 miles NW			
	29 2.6 miles SSW			
	30 2.0 miles NE			
	31 2.5 miles ENE			
	32 5.8 miles ENE			
	33 4.1 miles E			
	34 5.4 miles E			
	35 7.3 miles SSE			
	36 8.9 miles NE			
	37 5.5 miles NW			
	38 11.0 miles W			
	39 5.3 miles SW			
	40 6.9 miles WSW			
**				
75 4.7 miles S				
76 4.8 miles SSW				
77 5.4 miles S				
78 9.9 miles NNE				
79 9.5 miles N				
**				
81 9.9 miles WNW*				
82 0.17 miles NNE @ SW corner of ISFSI				
83 0.27 miles NE @ NW corner of ISFSI				
84 0.27 miles NE @ NE corner of ISFSI				
85 0.09 miles ENE @ SE corner of ISFSI				

*Control Station

**TLD sample points 19 and 80 have been retired, while points 41 thru 74 are not ODCM TLD sample points and are not listed.

SUMMARY OF RADIOLOGICAL MONITORING PROGRAM

This report presents the results of the Radiological Environmental Monitoring Program conducted during 2012 for BSEP. The program was conducted in accordance with the ODCM, and applicable procedures.

The 2012 Annual Radiological Environmental Operating Report (REOR) has been prepared and submitted in accordance with Technical Specification 5.6.2 and ODCM 7.4.1. The report applies to both BSEP Unit Nos. 1 and 2 (License Nos. DPR-71 and DPR-62, respectively).

A total of 2342 sample measurements were performed on 1831 collected samples from indicator and control locations from eight environmental media types during 2012. No detectable radioactivity (or radioactivity that differed significantly from the corresponding control) was observed in any of the 2011 measurements performed on the 1524 indicator location samples in 2012, except for Cs-137 in shoreline sediment samples and tritium in ground water and surface water samples. No gamma activity was detected in any of the ground water or surface water samples, except for K-40 and other naturally occurring gamma activity. All samples analyzed met the Lower Limit of Detection (LLD) requirements as established by ODCM Table 7.3.15-3.

The radiological environmental data indicates that BSEP operations in 2012 had no significant impact on the environment or public health and safety. No measurable radiation exposure is attributed to any off-site member of the public due to the operations of BSEP.

A statistical summary of all the data gathered in 2012 has been compiled in Table 3.

Comparison of the current data with preoperational (1973, 1974) information (Tables 4 and 5) indicates that air particulate filter gross beta activity and ambient gamma radiation levels were lower for gross beta and about the same for gamma in 2012.

Comparison of current ISFSI TLD data after loaded fuel with preoperational data (2008 – 3rd Quarter 2010) indicates that the average TLD dose levels were about the same as the average for the 2012 ISFSI TLD data.

TABLE 3
BRUNSWICK STEAM ELECTRIC PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Brunswick Steam Electric Plant
 Brunswick County, North Carolina

Docket Numbers - 50-324 and 325
 Calendar Year 2012

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) ⁽¹⁾	All Indicator Locations ⁽²⁾ Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range ⁽²⁾
				Name, Distance, and Direction	Mean Range ⁽²⁾	
Air Cartridge (pCi/m ³)	I-131 ⁽³⁾ 371	5.0E-2	All less than LLD	-----	-----	All less than LLD
Air Particulate (pCi/m ³)	Gross Beta ⁽³⁾ 371	4.4E-3	1.91E-2 (265/265) ⁽⁷⁾ 8.59E-3 – 3.66E-2	Substation on Construction Rd. 1.0 mile S	1.93E-2 (53/53) ⁽⁷⁾ 8.59E-3 – 3.11E-2	2.03E-2 (106/106) ⁽⁷⁾ 1.05E-2 – 3.71E-2
	Gamma ⁽⁴⁾ 28	See Table 8	All less than LLD	-----	-----	All less than LLD
Broadleaf Vegetation (pCi/g, wet)	Gamma ^{(3) (4)} 60 ⁽³⁾	See Table 8	All less than LLD	-----	-----	All less than LLD
Fish and Invertebrates (pCi/g, wet)	Tritium 3	6.0E+0 ⁽⁸⁾	All less than LLD	-----	-----	No control
	Gamma ⁽⁴⁾ 15	See Table 8	All less than LLD	-----	-----	All less than LLD

TABLE 3 (cont.)
BRUNSWICK STEAM ELECTRIC PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Brunswick Steam Electric Plant
 Brunswick County, North Carolina

Docket Numbers - 50-324 and 325
 Calendar Year 2012

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) ⁽¹⁾	All Indicator Locations ⁽²⁾ Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range ⁽²⁾
				Name, Distance, and Direction	Mean Range ⁽²⁾	
Sediments--Shoreline (pCi/g, dry)	Gamma ⁽⁴⁾ 5 Cs-137	8.9E-2	1.69E-1 (3/5) ⁽⁷⁾ 6.43E-2 - 2.27E-1	Nancy's Creek adjacent to WP-55 near SDSP	1.69E-1 (3/3) ⁽⁷⁾ 6.43E-2 - 2.27E-1	No control ⁽⁹⁾
	Hard-to-detects (Fe-55, Sr-89/90) 6	See Table 8	All less than LLD	-----	-----	No control
Surface Water (pCi/l)	Tritium 713	2.50E+2 ⁽⁶⁾	1.65E+3 (92/648) ⁽⁷⁾ 2.49E+2 - 3.12E+4	Nancy's Creek Marsh Area WP-72	6.47E+3 (5/53) ⁽⁷⁾ 2.55E+2 - 2.61E+4	All less than LLD
	Gamma ⁽⁴⁾ 508	See Table 8	All less than LLD	-----	-----	All less than LLD
Ground Water (pCi/l)	Tritium ⁽³⁾ 48	2.50E+2 ⁽⁶⁾	3.76E+2 (4/48) ⁽⁷⁾ 3.53E+2 - 4.37E+2	GW-407 (Well 13B) 0.06 miles ENE	4.00E+2 (3/5) ⁽⁷⁾ 3.65E+2 - 4.37E+2	No control
	Gamma ^{(3) (4)} 19	See Table 8	All less than LLD	-----	-----	No control
TLD (mR per quarter) ⁽⁵⁾	TLD Readout 180	-----	9.78E+0 (176/176) ⁽⁷⁾ 7.50E+0 - 1.36E+1	5.3 miles SW	1.19E+1 (4/4) ⁽⁷⁾ 1.16E+1 - 1.24E+1	1.09E+1 (4/4) ⁽⁷⁾ 9.70E+0 - 1.27E+1
TLD ISFSI (mR per quarter) ⁽⁵⁾	TLD Readout 15 ⁽³⁾	-----	2.80E+1 (15/15) ⁽⁷⁾ 1.57E+1 - 5.53E+1	SE Corner of ISFSI 0.09 miles ENE	4.88E+1 (3/3) ⁽⁷⁾ 4.53E+1 - 5.53E+1	No control

FOOTNOTES TO TABLE 3

1. LLD is calculated based on 4.66 standard deviations above background using typical sample sizes and counting times. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. See Table 8 for typical/worst case LLDs.
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 Surveillance Section.
4. Summary of gamma analysis results in this report does not include the following naturally occurring isotopes since most environmental samples contained some or all of these: Be-7, K-40, Tl-208, Pb-212, Bi-214, Pb-214, and Ra-226.
5. TLD dose is reported in milliroentgen (mR) per 90-day period (quarter) beginning in 1995. This is the exposure standard used to compare data to the NRC. This does not include the ISFSI data.
6. The tritium LLD was approximately $2.50E+2$ pCi/L. The LLD was lowered at the request of Duke Energy Progress, Inc., formerly known as Carolina Power & Light Company (CP&L), in order to maintain comparable LLD values with the North Carolina Division of Radiation Protection (NCDRP) laboratory.
7. The numbers in parentheses [e.g., Surface Water Tritium $3.23E+2$ (39/268) for Indicator Location Mean (Average)] indicate how many samples that specific value and column apply to in relation to the total number of samples for that column heading.
8. The tritium reporting limit for Fish per General Engineering Laboratories (GEL) is 6.0 pCi/gram,
9. A Shoreline Sediment background sample was collected in 2012, but it is not an ODCM sample; therefore, it is not recorded in the database.

INTERPRETATIONS AND CONCLUSIONS

Air Monitoring

The average gross beta concentration measured in 265 air particulate (AP) samples collected at indicator stations during 2012 was $1.91\text{E-}2$ picocuries per cubic meter (pCi/m^3) and the average gross beta concentration measured in 106 AP samples collected at control stations during 2012 was $2.03\text{E-}2$ pCi/m^3 . The preoperational (1973-1974) average concentration was $8.2\text{E-}2$ pCi/m^3 , while the average activity in the recent past (2007-2011) was $1.97\text{E-}2$ pCi/m^3 (Table 4). The airborne concentrations of gross beta activity in 2012 are indicative of natural background and do not indicate any abnormal activities originating from the nuclear operations at BSEP. Figures 16 through 21 provide a graphic representation of the gross beta activity at the indicator locations compared to the control location for the year 2012. AP weekly samples that exhibit an elevated gross beta activity typically have a gamma isotopic analysis performed and the results indicate all natural gamma activity. No plant-related gamma activity was observed for any weekly air particulates during 2012. The air samplers operated for a total of greater than 99% availability for 2012.

No plant-related gamma activity was detected in quarterly composite air particulate filter samples from either the indicator or control locations in 2012. Typical/Worst Case LLDs for air particulates are contained in Table 8.

Analyses of the 265 air cartridge (AC) samples from the indicator station and 106 AC samples from the control stations for radioiodines indicated that concentrations of those radionuclides, and particularly I-131, were less than the LLD. No I-131 activity was identified in any indicator or control samples in 2012.

Milk

No milk (milch) sampling locations are currently identified in BSEP environs; therefore, no sampling of this media was available.

Vegetation

Food crops were not grown in the vicinity of the plant in 2012 and this media was represented by indigenous vegetation samples consisting primarily of wax myrtle leaves. Forty-eight (48) samples were collected from indicator locations and twelve (12) samples from the control location. No detectable activities relating to plant effluents were detected in this sampling media in 2012. No other gamma activity was detected in any sample, except for K-40 (potassium-40) and other naturally occurring gamma activity.

Fish and Invertebrates

Fish (free swimmers and bottom feeders), invertebrate (SH), and benthic organism (BO) samples are collected semiannually from two locations: (1) near the Atlantic Ocean discharge pipe at Caswell Beach and (2) a control location in the Atlantic Ocean not influenced by plant operations and annually from three locations on Nancy's Creek (Figure 5). In all fifteen (15) samples (indicator and control), no detectable activities relating to plant effluents were detected in 2012. All radionuclides positively identified by the radionuclide analyses were naturally occurring nuclides. The fish locations on Nancy's Creek sampled in 2012 were also analyzed for tritium, with all the tritium results being less than LLD.

Groundwater

Groundwater (GW) is sampled quarterly and semiannually from 10 indicator sample sites. These samples are analyzed for gamma-emitting radionuclides (at least semiannually) and for tritium (at least quarterly). The analyses indicated that no detectable concentrations of gamma emitting radionuclides relating to plant effluents appeared in any of the indicator samples. Analyses indicated detectable concentrations of tritium in four out of 48 samples analyzed in 2012. Two GW wells (GW-423 [Well ESS-24A] and GW-424 [Well ESS-24B]) were not collected first quarter 2012 due to the well being inaccessible during construction of the new Storm Drain Stabilization Facility (SDSF).

Shoreline Sediments

Five shoreline sediments in 2012 were drawn from the beach area near the pumping station location at Caswell Beach. In both samples, all of the radionuclides indicative of plant effluents were determined to be less than the respective LLDs for gamma-emitting radionuclides. Three shoreline sediment in 2012 were drawn from Nancy's Creek adjacent to WP-55 near the Storm Drain Stabilization Pond (SDSP), where all three of the indicator samples contained Cesium (Cs)-137 activity (Average: 1.69E-1 pCi/gm dry). The two of the three samples were analyzed for Iron (Fe)-55, Strontium (Sr)-89, and Strontium (Sr)-90 by General Engineering Laboratories (GEL), all were less than the respective LLDs. Per BSEP ODCM revision 35, the frequency of sampling for the shoreline sediment sample from Nancy's Creek will increase to semi-annually for the next sampling year. A shoreline sediment background sample, non-ODCM, was collected and analyzed in 2012, with no detectable activity relating to plant effluents being identified. The only nuclides identified were naturally occurring nuclides.

Surface Water

Surface water (SW) is sampled monthly from the intake and discharge canal and Nancy's Creek is sampled weekly. These samples are analyzed for gamma-emitting radionuclides and for tritium. Tritium analysis is performed weekly on the Nancy Creek samples. Sampling and compositing for gamma emitters is weekly and the gamma analysis is performed monthly on the samples composited weekly. The current BSEP ODCM (Revision 35) effective date of November 15, 2011, states gamma analyses are to be performed weekly on the composite samples. The analyses indicated that no detectable concentrations of gamma emitting

radionuclides relating to plant effluents appeared in any of the indicator and control samples. None of the control samples indicated the presence of tritium. However, 92 out of 648 indicator samples indicated the presence of tritium in 2012. The predominate location(s) indicating tritium were at Nancy's Creek and the discharge canal indicator locations. Five (5) of the twelve samples from the historical discharge canal indicated the presence of tritium, while 87 out of 636 samples from Nancy's Creek indicated the presence of tritium. The tritium activity detected in SW-401 (the discharge canal composite sample) had an average tritium concentration of 3.54E+2 pCi/L, which was expected due to plant operations at the time of sampling. The indicator samples from Nancy's Creek had a maximum concentration of 3.12E+4 pCi/L of tritium activity. The reporting limit for tritium in environmental samples is 3.00E+4 pCi/L (30,000 pCi/L); therefore, per BSEP's ODCM requirements (7.13.15 c and d), all of the detected values are below the reportable limit. The total level of radioactivity as the result of plant effluents in each environmental sampling medium at a required location shall be less than the limit specified when averaged over the calendar quarter. Figure 22 depicts the observed tritium concentrations for SW-400 (control) and SW-401 (indicator) in 2012.

External Radiation Exposure

The environmental data on external radiation exposure for 2012 was essentially unchanged from 1989-2011 with an average exposure for all of 2012 indicator locations of 9.78 mR per quarter. The average exposure observed over the preoperational period was 1.02 mR per week observed from the fourth quarter of 1972 through the second quarter of 1975. Table 5 provides a comparison of recent data with the preoperational and historical data.

The highest average exposure occurred at one TLD location at 5.3 miles SW. The exposure was 11.9 mR per quarter. Figure 23 depicts average inner and outer ring TLD data for each quarter of 2012. This depiction does not indicate a significant higher exposure rate for the inner versus the outer ring. This is interpreted as demonstrating that no discernible off-site exposure has occurred from plant operations.

TLD averages per Table 3 do include a separate line for the four (4) ISFSI TLDs that were added to the program as of 3rd Quarter 2010. These TLDs are not indicative of the plant's environmental monitoring program's TLDs, so they will be handled separately. The ISFSI TLD data is included with the environmental data results as a separate section. Comparison of the 2012 ISFSI TLD data after loaded fuel with preoperational data (2008 – 3rd Quarter 2010) indicates that the average pre-op TLD dose levels were about the same as the average after Fuel was loaded. See chart below. Dry fuel storage radiation measurements have been monitored since 2008 and additional information can be found in the BSEP 2012 Annual Release Report.

ISFSI TLD Dose (mR/std. qtr.)

	TLD # 82	TLD # 83	TLD # 84	TLD # 85
Average Pre-Op (1st Qtr. 2008 to 3rd Qtr. 2010)	30.1 ± 3.1	22.4 ± 2.1	16.7 ± 1.6	53.2 ± 7.6
Average after Fuel Loaded (4th Qtr. 2010 to 4th Qtr. 2012)	25.8 ± 2.3	22.7 ± 2.3	17.5 ± 3.0	50.9 ± 4.7

TABLE 4
Brunswick Steam Electric Plant
GROSS BETA AIR PARTICULATE ACTIVITY AVERAGES

<u>Location</u>	<u>Gross Beta Activity (pCi/m³)</u>							
	<u>Preoperational</u>		<u>Recent Operational</u>					
	<u>1973</u>	<u>1974</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
AP-200	2.2E-2	1.4E-1	1.9E-2	1.9E-2	1.9E-2	2.0E-2	2.0E-2	1.9E-2
AP-201	3.1E-2	1.4E-1	2.0E-2	1.8E-2	1.9E-2	2.1E-2	2.0E-2	1.9E-2
AP-202	3.4E-2	1.4E-1	1.9E-2	1.9E-2	1.9E-2	2.1E-2	2.1E-2	1.9E-2
AP-203	2.4E-2	1.3E-1	2.0E-2	1.9E-2	1.9E-2	2.1E-2	2.0E-2	1.9E-2
AP-204*	2.5E-2	1.3E-1	2.1E-2	1.8E-2	1.8E-2	2.1E-2	2.1E-2	2.0E-2
AP-205	**	**	1.9E-2	1.9E-2	1.9E-2	2.0E-2	2.0E-2	1.9E-2
AP-206*	**	**	**	**	2.0E-2	2.2E-2	2.0E-2	2.0E-2

* Control location

** This sample point added post-operational.

TABLE 5
Brunswick Steam Electric Plant
HISTORICAL TLD RESULTS (1972-2012)

Year	Average Exposure of All TLD Monitoring Locations (mR per week)
1972 (4th Qtr.)	0.80
1973	1.25
1974	0.97
1975 (1st, 2nd Qtr)	0.80
1976	0.98
1977	1.32
1978	1.24
1979	0.93
1980	0.90
1981	0.96
1982	1.18
1983	1.21
1984	0.98
1985	1.03
1986	0.89
1987	0.92
1988	0.86
1989	0.75
1990	0.76
1991	0.76
1992	0.75
1993	0.78
1994	0.77
1995	10.1 (mR per quarter)*
1996	10.1 (mR per quarter)
1997	10.1 (mR per quarter)
1998	9.7 (mR per quarter)
1999	9.7 (mR per quarter)
2000	9.7 (mR per quarter)
2001	10.0 (mR per quarter)
2002	9.6 (mR per quarter)
2003	9.6 (mR per quarter)
2004	9.7 (mR per quarter)
2005	9.8 (mR per quarter)
2006	10.0 (mR per quarter)
2007	9.8 (mR per quarter)
2008	9.9 (mR per quarter)
2009	10.0 (mR per quarter)
2010	10.1 (mR per quarter)
2011	9.9 (mR per quarter)
2012	9.8 (mR per quarter)

*TLD exposure in mR per quarter beginning in 1995. The equivalent weekly exposure is 0.78 mR.

MISSED SURVEILLANCES

Air Cartridge and Air Particulates

Any REMP weekly air samples (Air Cartridge – AC or Air Particulate – AP) 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” will have no data reported. The air samplers operated for a total of greater than 99% availability in 2012.

Missed Samples:

- None

Missed Surveillances:

- None

Food Crops / Vegetation

No food crops were grown in the vicinity of the plant in 2012; therefore, none were collected. The media were represented by indigenous vegetation samples (broadleaf vegetation) consisting of wax myrtle leaves.

Groundwater

Groundwater well samples, GW-423 (Well ESS-24A) and GW-424 (Well ESS-24B), were not collected first quarter 2012 due to the wells being inaccessible during construction of the new Storm Drain Stabilization Facility (SDSF).

ANALYTICAL PROCEDURES

Gross Beta

Gross beta radioactivity measurements are made utilizing a Tennelec Low-Background Alpha/Beta Counting System. The LLD for air particulates is approximately $4.4\text{E-}3$ pCi/m³ for BSEP samples. Air particulate samples are mounted in two-inch stainless steel planchets and are 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. The distillate is mixed with a liquid scintillation cocktail and counted for the appropriate time to reach the desired LLD in a liquid scintillation analyzer. The desired LLD was approximately $2.50\text{E+}2$ pCi/L. This lower LLD was established to compare BSEP tritium LLDs and North Carolina Department of Radiation Protection's reportable concentrations, in the Split Sample Program's Annual Report. The fish samples requiring tritium analysis are analyzed by a vendor laboratory. The ground water samples and most of the surface water samples requiring tritium analysis are analyzed by the BSEP laboratory.

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 counted individually for 2,500 seconds with a worst case LLD of $5.0\text{E-}2$ pCi/m³.

Gamma Spectrometry

Gamma spectrum analysis utilizes intrinsic germanium detectors with thin aluminum windows housed in steel and lead shields. The analyzer system is the Canberra APEX Gamma Spectroscopy System. Table 8 summarizes worst case 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 filter quarterly composites are placed in a Petri dish and analyzed directly for a typical count time of 1,500 seconds.

Liquid samples are transferred to Marinelli beakers and analyzed by gamma counting. One-liter Surface Water samples are gamma scanned directly in a 1-Liter Marinelli beaker for 73,000 seconds.

Shoreline sediments are dried, ground, weighed, and then analyzed in a 1-Liter Marinelli beaker for 480 seconds (>1000 grams, dry) or 720 seconds (≤ 1000 grams, dry).

Broadleaf vegetation is weighed as sampled and analyzed in a Marinelli beaker for a typical count time of 7,500 seconds.

Fish samples are prepared by placing small raw, edible portions of the fish in a 1 Liter Marinelli beaker and edible portions of invertebrate organisms are cleaned and placed in a 1 Liter Marinelli beaker for analysis for a typical count time of 1,500 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 Duke Energy Progress, Inc., formerly known as Carolina Power & Light Company's (CP&L) nuclear plant radiological environmental surveillance programs. In fulfillment of ODCM Operational Requirements, the laboratory is a participant in the Eckert & Ziegler Analytics Environmental Cross-Check Program and uses its performance in this program as a major determinant of the accuracy and precision of its analytical results.

The Interlaboratory Comparison Program entails measurements on each instrument that is used to determine concentrations of radioactive material in the various media that are analyzed as part of the REMP. During 2012, 64 results were reported for the year on 14 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 64 results have been received from Eckert & Ziegler Analytics. The results were compared to the criteria established in the NRC Inspection Manual (Procedure 84750) for Radioactive Waste Treatment, Effluent, and Environmental monitoring (see Table 6 and 7).

All of the 64 results were within the acceptance criteria for 2012, except for one (second quarter gamma filter sample E10146). During 2012, there were 300 individual measurements of which 295 (98.3%) were passing. The individual measurements were evaluated and results falling outside the acceptable ratio criteria had an evaluation performed to identify any recommended remedial actions and to reduce anomalous errors (CR # 566790). Complete documentation of any evaluation will be available and provided to the NRC upon request.

Also, included at the end of the report in the Appendix is a partial summary of General

Engineering Laboratories' (GEL's) Interlaboratory Comparison Program results for 2012. The summary provides an overall discussion on the 2012 results. The entire 2012 GEL Interlaboratory Comparison Program results will be provided upon request to provide individual analysis results which contain the Sample Number or Study ID; Analysis quarter and year; sample media; specific radionuclide; its unit; its result; the known values supplied by the providers; GEL's ratio to the known value or acceptance criteria provided by the provider; and evaluation criteria. BSEP's Interlaboratory Comparison Program results are also listed below. Other BSEP Interlaboratory Cross Check Program Results from 2012 will be supplied upon request.

TABLE 6
Environmental Cross Check Performance Summary for 2012

Sample	Nuclide	Quarter	Units	HEEC Value	EZA Value	HEEC/EZA Ratio	Evaluation
Gross beta water 1 st Qtr E10030 3 rd Qtr E10170	Gross beta	1 st	pCi/L	312	285	1.09	Agreement
		3 rd	pCi/L	274	251	1.09	Agreement
Gross beta filter 2 nd Qtr E10147 4 th Qtr E10173	Gross beta	2 nd	pCi	67.4	62.9	1.07	Agreement
		4 th	pCi	44.0	42.3	1.04	Agreement
Tritium in water 1 st Qtr E10033 4 th Qtr E10174	H-3	1 st	pCi/L	4360	4470	0.97	Agreement
		4 th	pCi/L	11672	12100	0.96	Agreement
Iodine Cartridge 2 nd Qtr E10145 4 th Qtr E10172	I-131	2 nd	pCi	94.0	96.9	0.97	Agreement
		4 th	pCi	71.5	72.4	0.99	Agreement
Gamma Milk 1 st Qtr E10031	Cr-51	1 st	pCi/L	436	436	1.00	Agreement
	Mn-54	1 st	pCi/L	213	195	1.09	Agreement
	Co-58	1 st	pCi/L	136	132	1.03	Agreement
	Fe-59	1 st	pCi/L	185	168	1.10	Agreement
	Co-60	1 st	pCi/L	293	279	1.05	Agreement
	Zn-65	1 st	pCi/L	357	333	1.07	Agreement
	I-131	1 st	pCi/L	91	92.5	0.99	Agreement
	Cs-134	1 st	pCi/L	142	149	0.95	Agreement
	Cs-137	1 st	pCi/L	166	159	1.04	Agreement
Gamma Soil 1 st Qtr E10032	Cr-51	1 st	pCi/g	0.620	0.618	1.00	Agreement
	Mn-54	1 st	pCi/g	0.300	0.277	1.08	Agreement
	Co-58	1 st	pCi/g	0.190	0.187	1.02	Agreement
	Fe-59	1 st	pCi/g	0.271	0.238	1.14	Agreement
	Co-60	1 st	pCi/g	0.422	0.395	1.07	Agreement
	Zn-65	1 st	pCi/g	0.505	0.471	1.07	Agreement
	I-131	1 st	pCi/g	0.218	0.212	1.03	Agreement
	Cs-134	1 st	pCi/g	0.337	0.313	1.08	Agreement
	Cs-137	1 st	pCi/g	0.389	0.369	1.06	Agreement
Gamma Vegetation 3 rd Qtr E10171	Cr-51	3 rd	pCi/g	0.561	0.583	0.96	Agreement
	Mn-54	3 rd	pCi/g	0.460	0.460	1.00	Agreement
	Co-58	3 rd	pCi/g	0.234	0.236	0.99	Agreement
	Fe-59	3 rd	pCi/g	0.373	0.357	1.04	Agreement
	Co-60	3 rd	pCi/g	0.358	0.357	1.00	Agreement
	Zn-65	3 rd	pCi/g	0.465	0.452	1.03	Agreement
	I-131	3 rd	pCi/g	0.238	0.255	0.94	Agreement
	Cs-134	3 rd	pCi/g	0.467	0.410	1.14	Agreement
Cs-137	3 rd	pCi/g	0.364	0.385	0.95	Agreement	

TABLE 6
Environmental Cross Check Performance Summary for 2012 (Continued)

Sample	Nuclide	Quarter	Units	HEEC Value	EZA Value	HEEC/EZA Ratio	Evaluation
Gamma Filter 2 nd Qtr E10146	Cr-51	2 nd	pCi	266	250	1.06	Agreement
	Mn-54	2 nd	pCi	94	82.3	1.14	Agreement
	Co-58	2 nd	pCi	61	57.5	1.06	Agreement
	Fe-59	2 nd	pCi	94	79.5	1.19	Agreement
	Co-60	2 nd	pCi	234	221	1.06	Agreement
	Zn-65	2 nd	pCi	158	124	1.28	Disagreement
	Cs-134	2 nd	pCi	110	109	1.01	Agreement
	Cs-137	2 nd	pCi	142	132	1.08	Agreement
	Ce-141	2 nd	pCi	52	51.2	1.02	Agreement
Gamma 13 Filter Composite 2 nd Qtr E10144	Cr-51	2 nd	pCi	332	312	1.07	Agreement
	Mn-54	2 nd	pCi	114	103	1.10	Agreement
	Co-58	2 nd	pCi	75	71.8	1.04	Agreement
	Fe-59	2 nd	pCi	117	99.4	1.18	Agreement
	Co-60	2 nd	pCi	288	276	1.04	Agreement
	Zn-65	2 nd	pCi	184	155	1.19	Agreement
	Cs-134	2 nd	pCi	123	136	0.91	Agreement
	Cs-137	2 nd	pCi	175	165	1.06	Agreement
	Ce-141	2 nd	pCi	65	63.9	1.01	Agreement
Gamma Water 2 nd Qtr E10169	Cr-51	3 rd	pCi/L	398	380	1.05	Agreement
	Mn-54	3 rd	pCi/L	319	300	1.06	Agreement
	Co-58	3 rd	pCi/L	163	154	1.06	Agreement
	Fe-59	3 rd	pCi/L	258	233	1.11	Agreement
	Co-60	3 rd	pCi/L	249	233	1.07	Agreement
	Zn-65	3 rd	pCi/L	317	295	1.08	Agreement
	I-131	3 rd	pCi/L	101	99.9	1.01	Agreement
	Cs-134	3 rd	pCi/L	164	166	0.99	Agreement
	Cs-137	3 rd	pCi/L	276	267	1.03	Agreement
Ce-141	3 rd	pCi/L	253	251	1.01	Agreement	

TABLE 7

**BSEP 2012 Interlaboratory Cross Check Performance Summary
for Environmental Sample Media Types Analyzed**

Sample	Nuclide	Quarter	Units	BSEP Value	EZA Value	BSEP/EZA Ratio	Evaluation
Tritium in Water A27065 1Q A27775 3Q	H-3	1 st	μCi/cc	1.48E-3	1.51E-3	0.98	Agreement
		3 rd	μCi/cc	9.65E-4	1.00E-4	0.96	Agreement
Solid A27774 3Q A27976 (4L) 4Q A27977 (LSV) 4Q	Ce-141	3 rd	μCi	5.15E-2	5.24E-2	0.98	Agreement
		4 th	μCi	1.99E-2	2.01E-2	0.99	Agreement
		4 th	μCi	4.48E-3	4.53E-3	0.99	Agreement
	Cr-51	3 rd	μCi	8.87E-2	8.77E-2	1.01	Agreement
		4 th	μCi	1.53E-1	1.51E-1	1.01	Agreement
		4 th	μCi	3.20E-2	3.41E-2	0.94	Agreement
	Cs-134	3 rd	μCi	2.01E-2	2.00E-2	1.01	Agreement
		4 th	μCi	3.74E-2	3.75E-2	0.99	Agreement
		4 th	μCi	8.56E-3	8.48E-3	1.01	Agreement
	Cs-137	3 rd	μCi	3.25E-2	3.14E-2	1.03	Agreement
		4 th	μCi	2.51E-2	2.59E-2	0.97	Agreement
		4 th	μCi	5.79E-3	5.85E-3	0.99	Agreement
	Co-58	3 rd	μCi	2.47E-2	2.36E-2	1.05	Agreement
		4 th	μCi	2.95E-2	2.84E-2	1.04	Agreement
		4 th	μCi	6.71E-3	6.41E-3	1.05	Agreement
	Mn-54	3 rd	μCi	3.93E-2	3.74E-2	1.05	Agreement
		4 th	μCi	2.74E-2	2.72E-2	1.01	Agreement
		4 th	μCi	6.67E-3	6.14E-3	1.09	Agreement
	Fe-59	3 rd	μCi	4.50E-2	4.17E-2	1.08	Agreement
		4 th	μCi	4.09E-2	3.89E-2	1.05	Agreement
		4 th	μCi	9.43E-3	8.80E-3	1.07	Agreement
	Zn-65	3 rd	μCi	4.01E-2	3.74E-2	1.07	Agreement
		4 th	μCi	4.83E-2	4.44E-2	1.09	Agreement
		4 th	μCi	1.06E-2	1.00E-2	1.06	Agreement
	Co-60	3 rd	μCi	2.92E-2	2.76E-2	1.06	Agreement
		4 th	μCi	4.03E-2	3.80E-2	1.06	Agreement
	4 th	μCi	9.21E-3	8.58E-3	0.99	Agreement	

Other BSEP Interlaboratory Cross Check Program Results from 2012 will be supplied upon request.

Lower Limits of Detection

All samples analyzed met the LLD required by the ODCM. Typical/Worst Case "a priori" LLD values for the samples analyzed are listed in Table 8.

TABLE 8
TYPICAL/WORST CASE LOWER LIMITS OF DETECTION (A PRIORI)
GAMMA SPECTROMETRY

Surface Water Samples (Saline Water)	
Isotope	LLD (pCi/l)
Mn-54	3
Co-58	3
Fe-59	6
Co-60	3
Zn-65	5
Zr-Nb-95	5 / 4
I-131	14
Cs-134	3
Cs-137	3
Ba-La-140	24 / 7
Air Particulates (Quarterly Composite)	
Isotope	LLD (pCi/m³)
Cs-134	5.6E-3
Cs-137	4.3E-3
Shoreline Sediment	
Isotope	LLD (pCi/kg, dry)
Cs-134	129
Cs-137	89
Fe-55 (Hard-to-detect [HTD])	20,000
Sr-89/90 {HTD}	2000 / 2000
Fish	
Isotope	LLD (pCi/kg, wet)
Mn-54	46
Co-58	54
Fe-59	116
Co-60	48
Zn-65	102
Cs-134	53
Cs-137	45
Food Products and Vegetation	
Isotope	LLD (pCi/kg, wet)
I-131	49
Cs-134	31
Cs-137	28
Air Cartridge	
Isotope	LLD (pCi/m³)
I-131	5.0E-2

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 each year 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 during the growing season each year. 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 to provide data for the calculation of estimated radiation exposure.

The pathways that are evaluated are:

- Ingestion Pathway - Results from eating food crops that may have radioactive materials deposited on them from the atmosphere or contain radioactive materials from the soil. Another pathway is through drinking milk from local cows or goats if these are 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-mile radius of the plant for each of the 16 meteorological sectors (compass direction from which the winds may blow, for example NNE [North North East]):

- The nearest resident
- The nearest garden of greater than 500 square feet, producing broadleaf vegetation
- The nearest milk animal

The following must also be identified (for elevated releases) within the three-mile radius of the plant for each of the 16 meteorological sectors:

- The location of all milk animals
- The location of all gardens of greater than 500 square feet, producing broadleaf vegetation

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

2012 Land Use Census Results

The 2011 and 2012 results of the survey for the nearest resident, garden, milk and meat animals in each sector are compared in Table 9.

The resident portion of the census conducted in June of 2012 did not identify any changes from 2011. The garden portion of the census identified changes in the distance of the nearest garden in three sectors during the 2012 census.

The nearest garden location changed in the North (N) sector from 0.8 miles to 0.9 miles, the South Southwest (SSW) sector from 1.8 miles to 1.6 miles, and the Southwest (SW) sector from 1.9 miles to 1.4. No milk animals were located within 5 miles of the plant in 2012.

The 2012 Garden Census was conducted within three (3) miles of BSEP and identifies all gardens of greater than 500 square feet that were found in the survey area. Results of the garden census are located in Table 10.

Results of the 2012 Land Use and Garden Census indicate stable use of land, confirming that current control locations are appropriate, and no changes are needed for dose assessment and environmental motoring.

TABLE 9
Brunswick Steam Electric Plant
LAND USE CENSUS COMPARISONS (2011- 2012)
NEAREST PATHWAY (MILES)

SECTOR	RESIDENT		GARDEN		MILK/MEAT ANIMALS	
	2011	2012	2011	2012	2011	2012
N	0.7	0.7	0.8	0.9*	None	None
NNE	0.8	0.8	0.9	0.9	None	None
NE	None	None	None	None	None	None
ENE	None	None	None	None	None	None
E	None	None	None	None	None	None
ESE	1.4	1.4	None	None	None	None
SE	None	None	None	None	None	None
SSE	2.1	2.1	None	None	None	None
S	1.1	1.1	1.1	1.1	None	None
SSW	1.2	1.2	1.8	1.6*	None	None
SW	1.1	1.1	1.9	1.4*	None	None
WSW	1.2	1.2	1.2	1.2	None	None
W	0.9	0.9	0.9	0.9	None	None
WNW	0.9	0.9	1.0	1.0	None	None
NW	0.9	0.9	4.9	4.9	None	None
NNW	0.8	0.8	0.9	0.9	None	None

* Represents a change from the previous year.

TABLE 10
Brunswick Steam Electric Plant
GARDEN CENSUS (2012)

SECTOR	DISTANCE (miles)		SECTOR	DISTANCE (miles)
N	0.9		WSW	1.2
NNE	0.9		WSW	1.3
NNE	1.0		WSW	1.6
NNE	1.1		WSW	1.9
NE	None		WSW	2.1
ENE	None		WSW	2.2
E	None		W	0.9
ESE	None		W	1.2
SE	None		W	1.2
SSE	None		W	2.6
S	1.1		W	2.6
S	1.8		W	2.6
S	2.2		W	2.7
S	2.3		WNW	1.0
S	2.3		WNW	1.4
S	2.4		NW	4.9
S	2.4		NNW	0.9
S	2.6		NNW	0.9
SSW	1.6		NNW	4.3
SSW	1.9		NNW	4.3
SSW	2.0		NNW	4.4
SSW	2.1		NNW	4.5
SSW	2.1		NNW	4.6
SSW	2.2		NNW	4.6
SSW	2.2		NNW	4.6
SSW	2.2		NNW	4.6
SSW	2.2		NNW	4.6
SSW	2.3		NNW	4.6
SSW	2.3		NNW	4.6
SSW	2.3		NNW	4.7
SSW	2.4		NNW	4.7
SSW	2.6		NNW	4.7
SSW	2.7		NNW	4.8
SSW	2.8		NNW	4.8
SSW	2.8		NNW	4.9
SW	1.4		NNW	5.0
SW	2.5		N/A	N/A
SW	3.0		N/A	N/A

Figure 16 For BSEP from 1/1/2012 To 12/31/2012

AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)

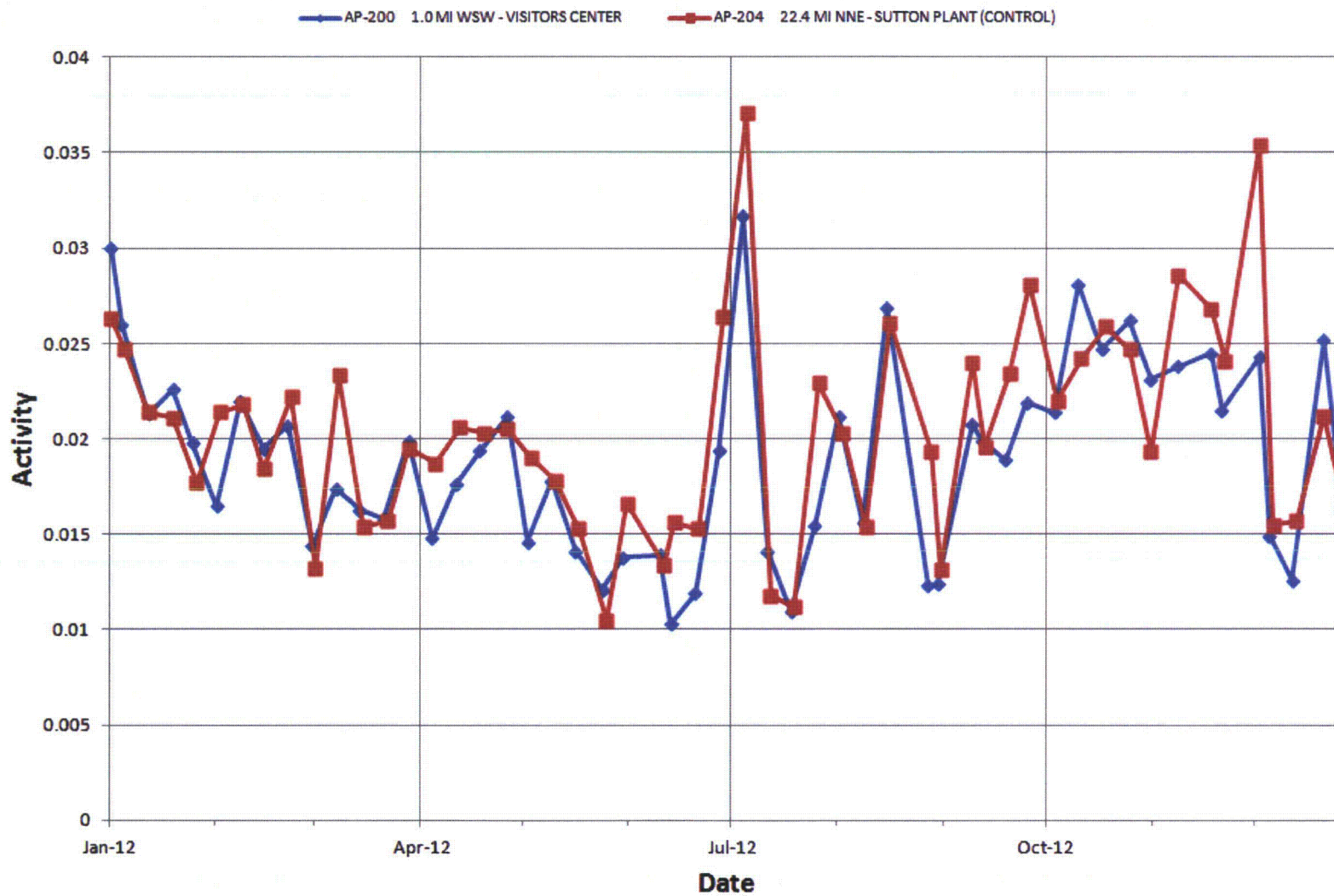


Figure 17 For BSEP from 1/1/2012 To 12/31/2012
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)

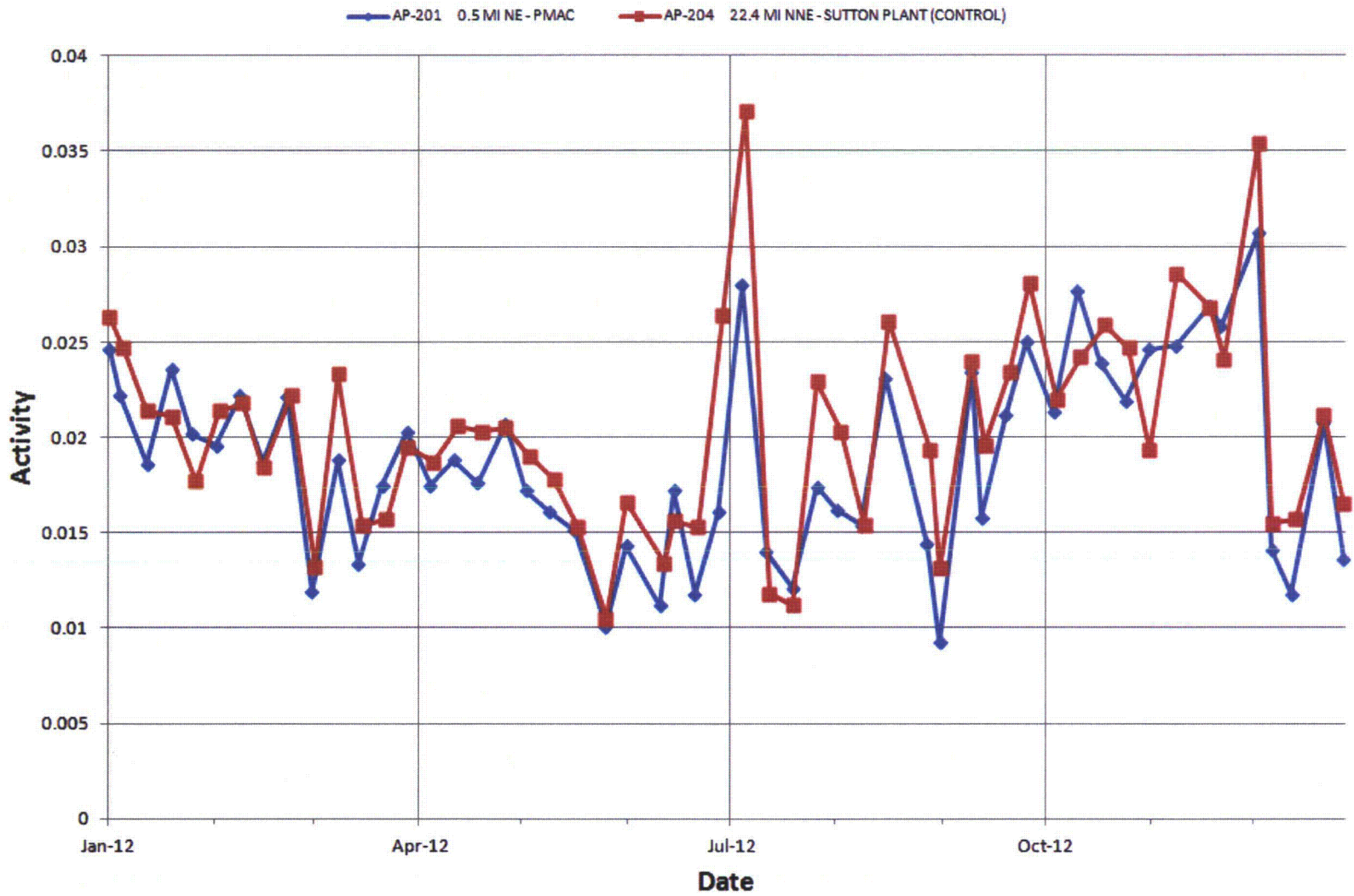


Figure 18 For BSEP from 1/1/2012 To 12/31/2012

AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)

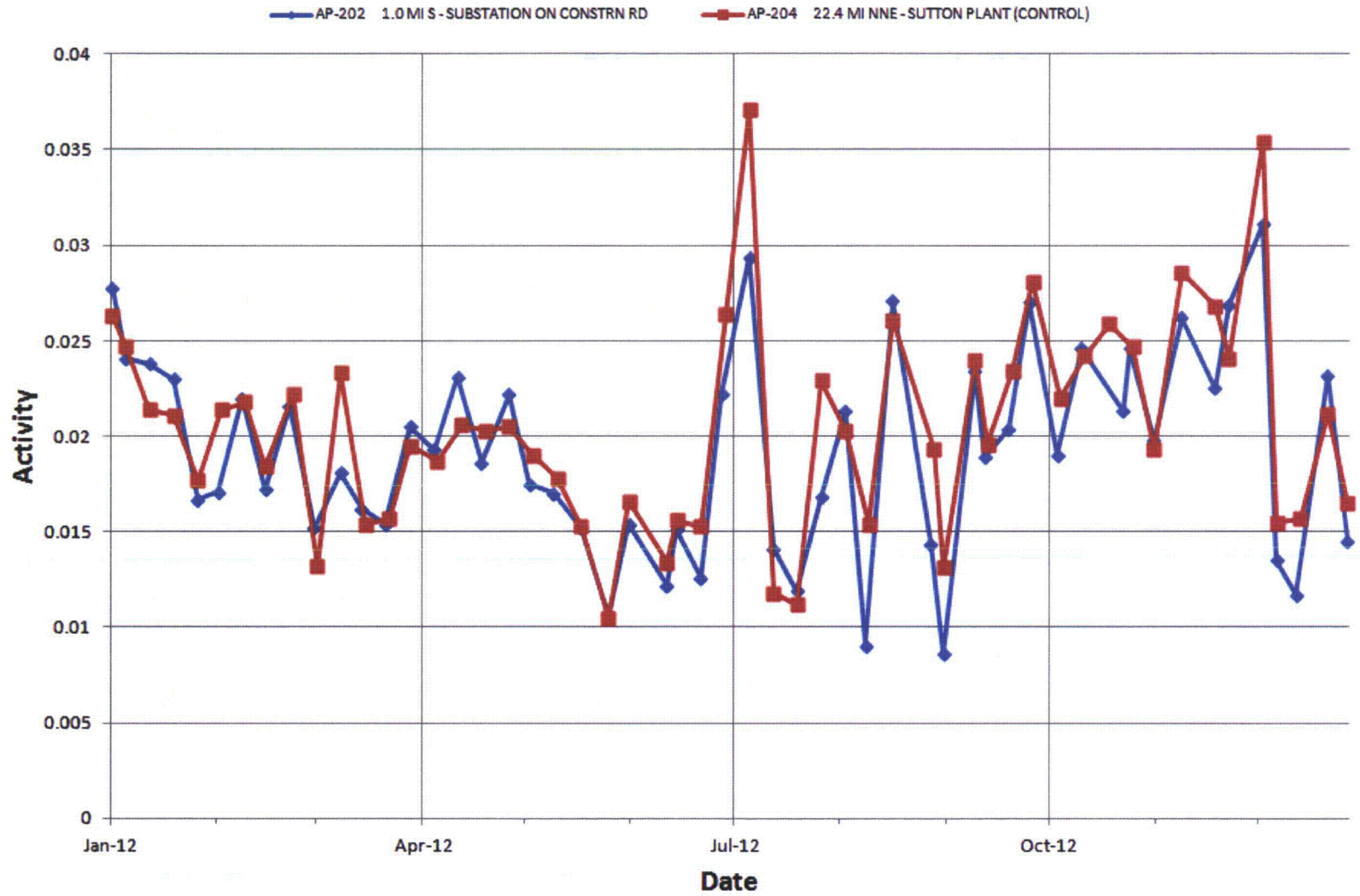


Figure 19 For BSEP from 1/1/2012 To 12/31/2012

AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)

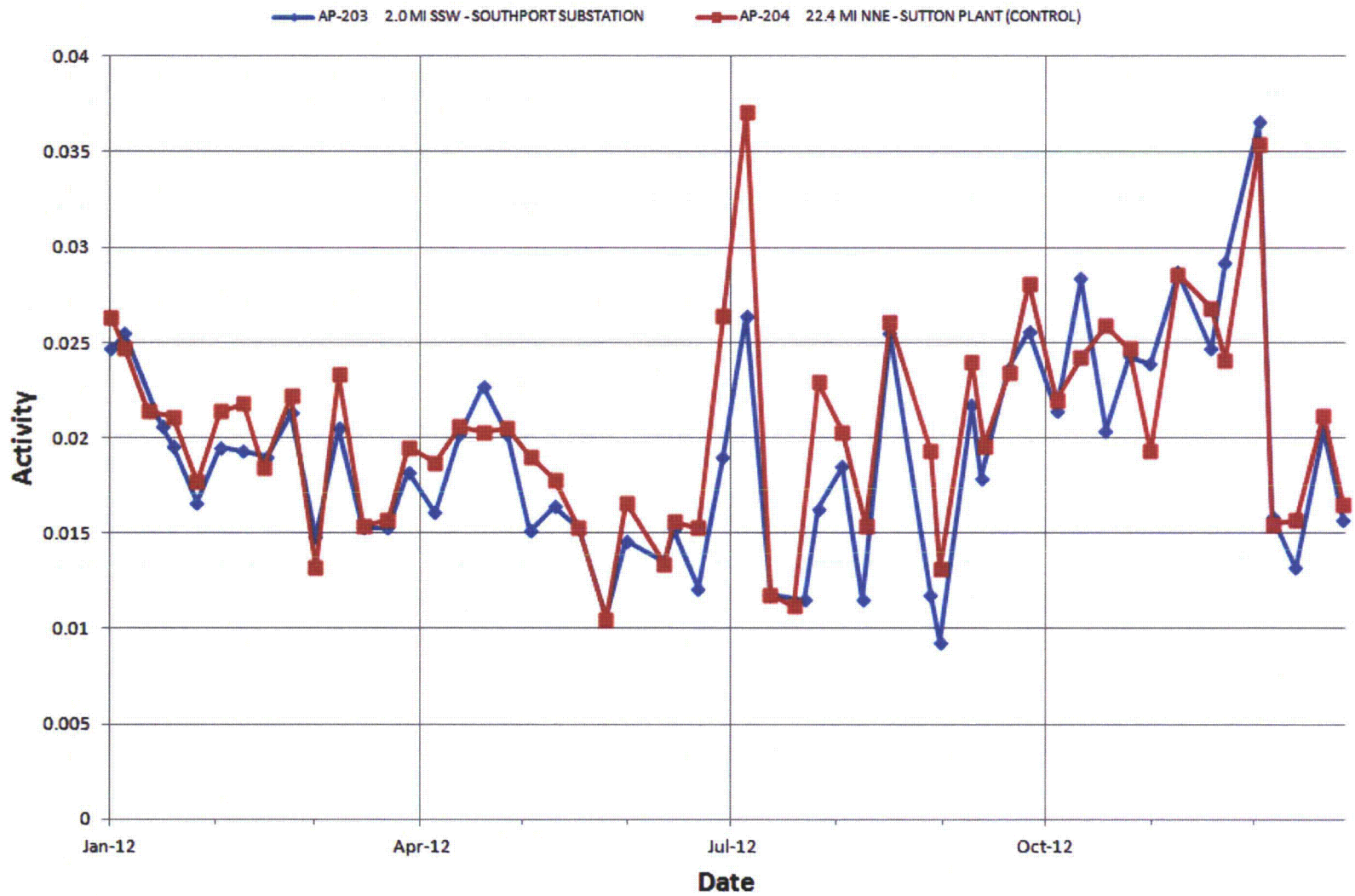


Figure 20 For BSEP from 1/1/2012 To 12/31/2012
AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)

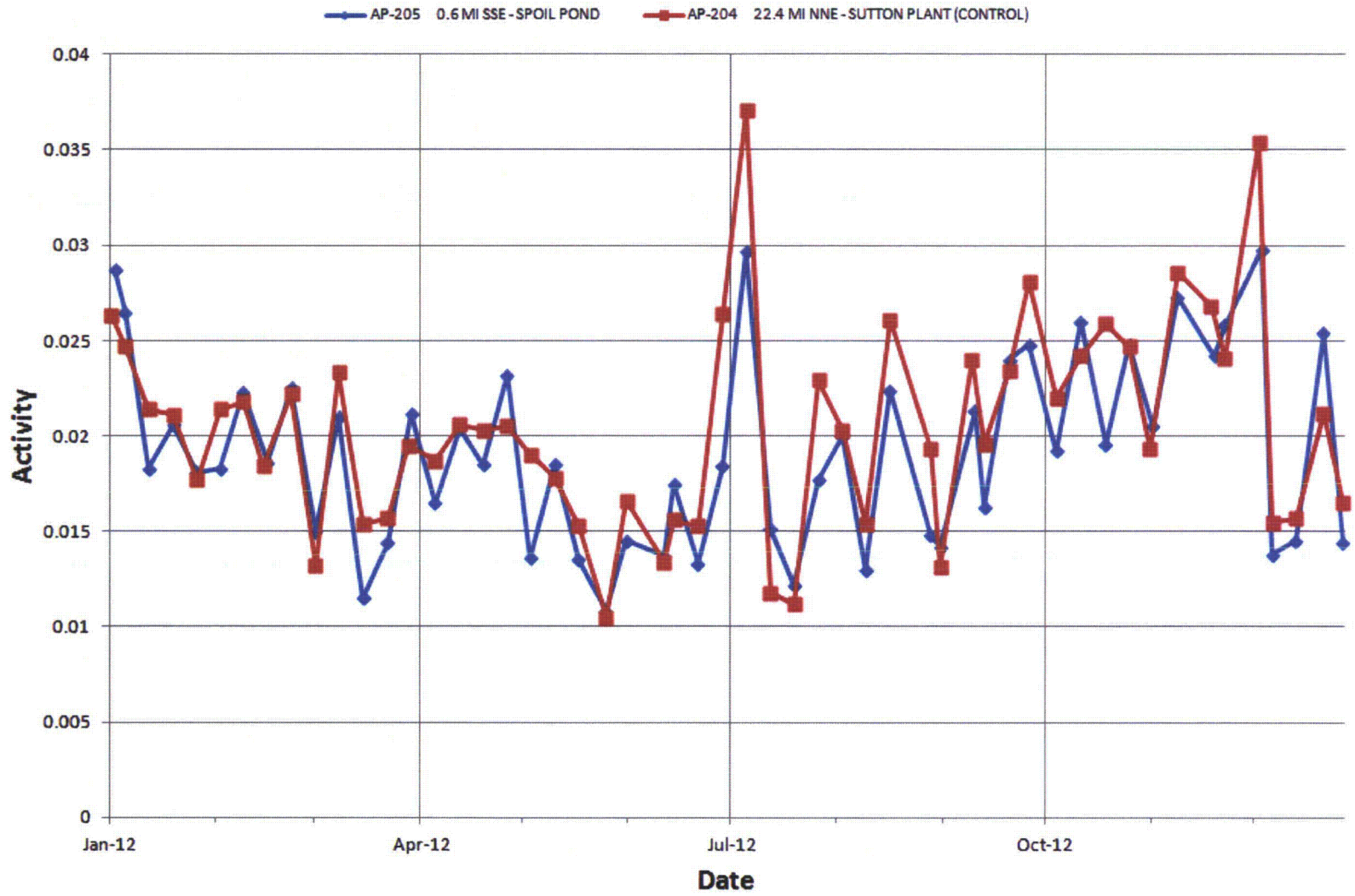


Figure 21 For BSEP from 1/1/2012 To 12/31/2012

AIR PARTICULATE for GROSS BETA - Activity (pCi/cubic meter)

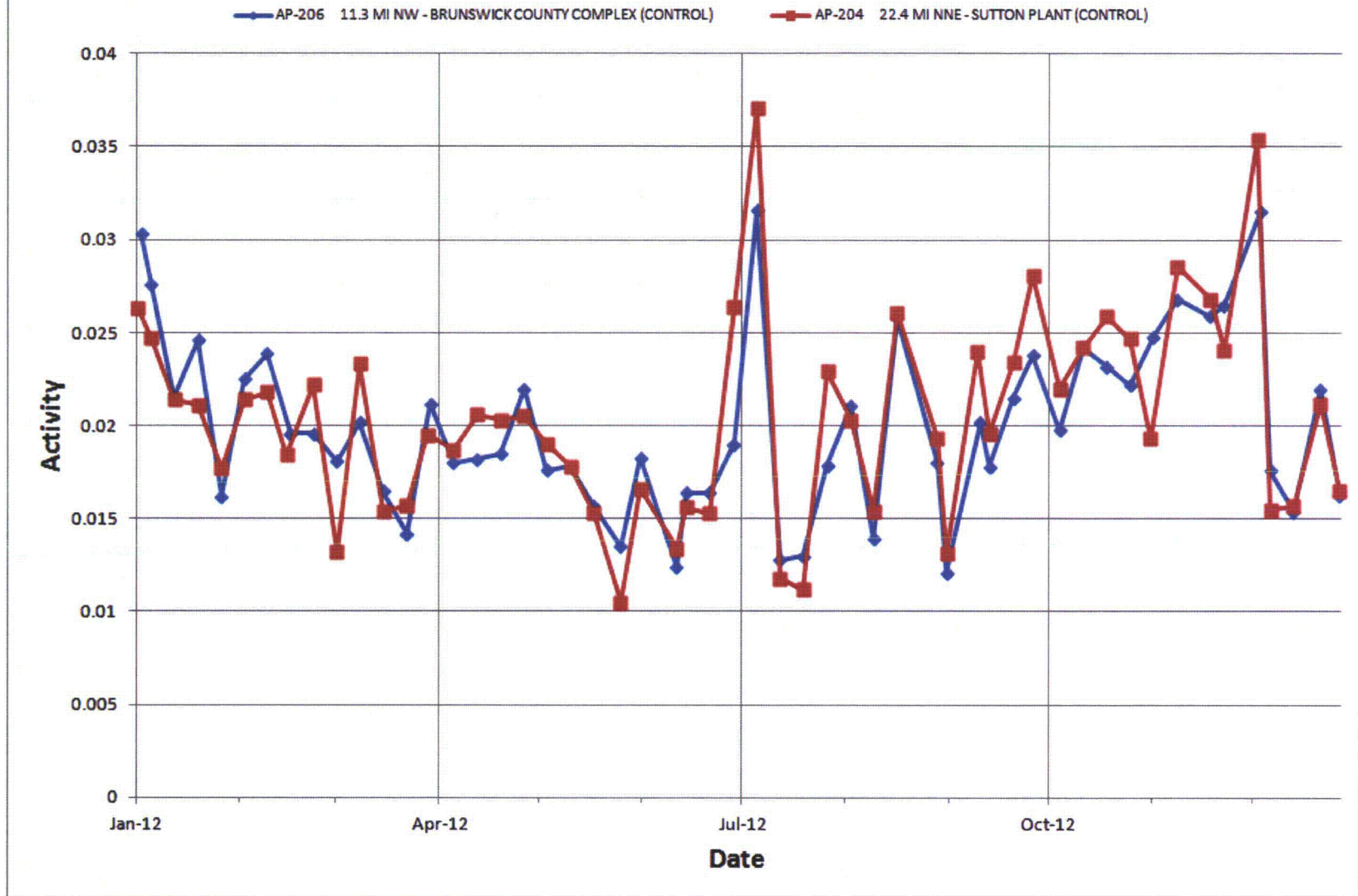


Figure 22 BSEP 2012 Surface Water Tritium

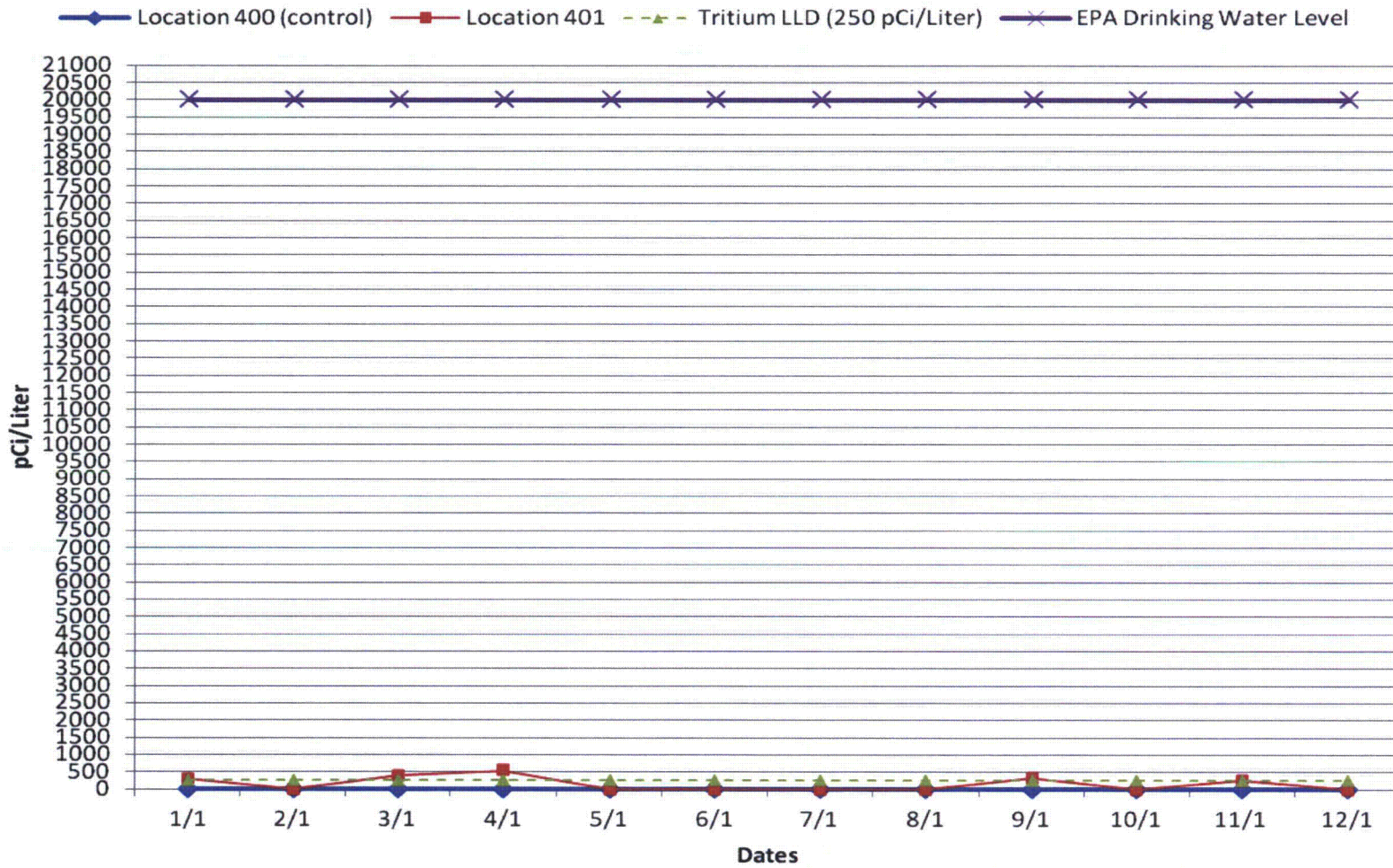
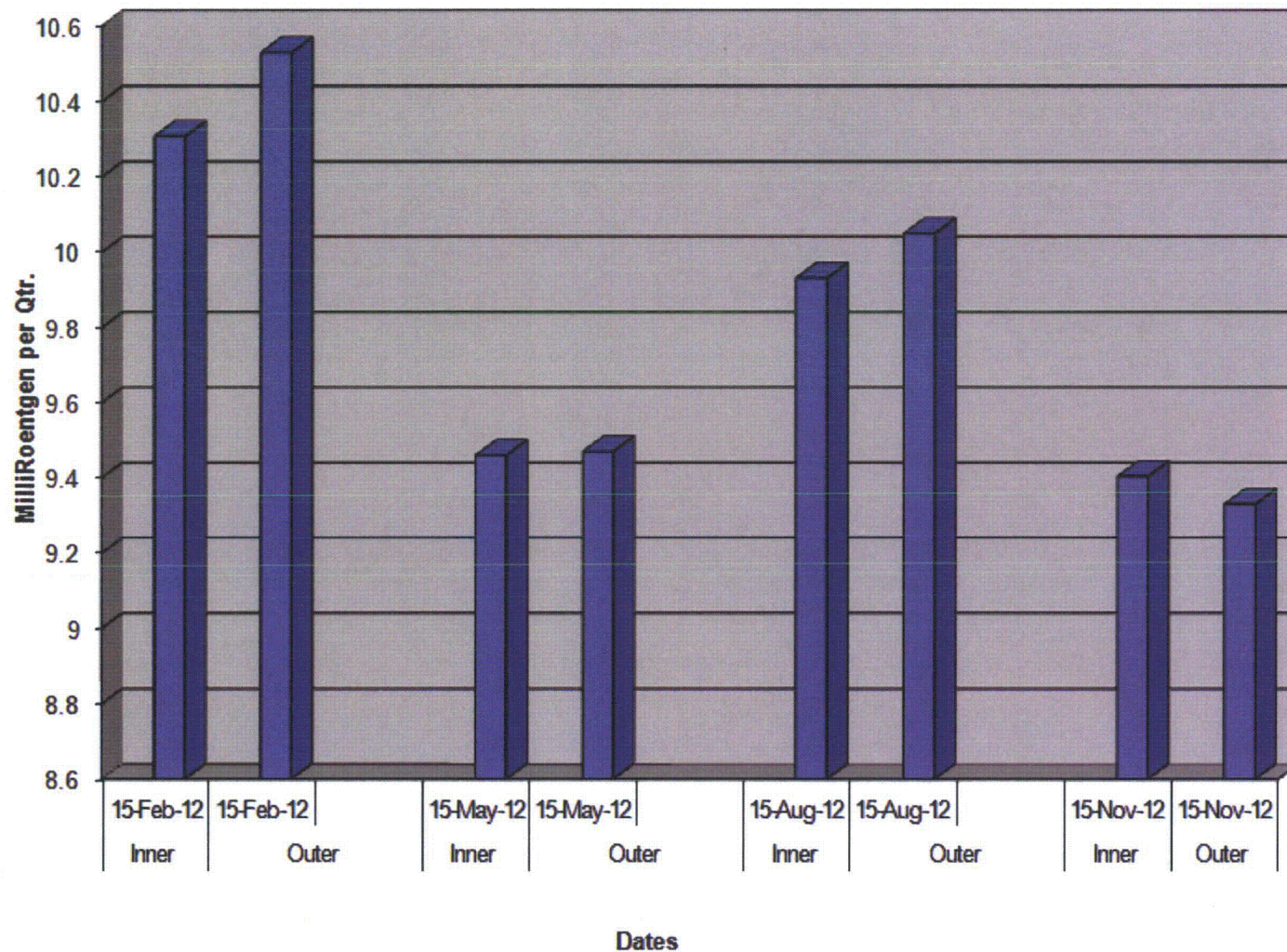
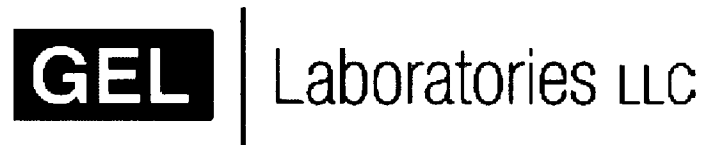


Figure 23 BSEP 2012 TLD Averages for Inner and Outer Ring Locations



APPENDIX

The attached information contains excerpts from the 2012 Interlaboratory Comparison Program Report supplied by GEL Laboratories LLC. Any additional information pertaining to the report will be supplied upon request.



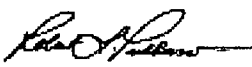
2012 ANNUAL QUALITY ASSURANCE REPORT

FOR THE

**RADIOLOGICAL ENVIRONMENTAL
MONITORING PROGRAM (REMP)**

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2012 ANNUAL QUALITY ASSURANCE REPORT
FOR THE
RADIOLOGICAL ENVIRONMENTAL
MONITORING PROGRAM (REMP)

Approved By: 
Robert L. Puliano
Director, Quality Systems

February 28, 2013
Date

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**2012 ANNUAL QUALITY ASSURANCE REPORT FOR THE
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM (REMP)****1. Introduction**

GEL Laboratories, LLC (GEL) is a privately owned environmental laboratory dedicated to providing personalized client services of the highest quality. GEL was established as an analytical testing laboratory in 1981. Now a full service lab, our analytical divisions use state of the art equipment and methods to provide a comprehensive array of organic, inorganic, and radiochemical analyses to meet the needs of our clients.

At GEL, quality is emphasized at every level of personnel throughout the company. Management's ongoing commitment to good professional practice and to the quality of our testing services to our customers is demonstrated by their dedication of personnel and resources to develop, implement, assess, and improve our technical and management operations.

The purpose of GEL's quality assurance program is to establish policies, procedures, and processes to meet or exceed the expectations of our clients. To achieve this, all personnel that support these services to our clients are introduced to the program and policies during their initial orientation, and annually thereafter during company-wide training sessions.

GEL's primary goals are to ensure that all measurement data generated are scientifically and legally defensible, of known and acceptable quality per the data quality objectives (DQOs), and thoroughly documented to provide sound support for environmental decisions. In addition, GEL continues to ensure compliance with all contractual requirements, environmental standards, and regulations established by local, state and federal authorities.

GEL administers the QA program in accordance with the Quality Assurance Plan, GL-QS-B-001. Our Quality Systems include all quality assurance (QA) policies and quality control (QC) procedures necessary to plan, implement, and assess the work we perform. GEL's QA Program establishes a quality management system (QMS) that governs all of the activities of our organization.

This report entails the quality assurance program for the proficiency testing and environmental monitoring aspects of GEL for 2012. GEL's QA Program is designed to monitor the quality of analytical processing associated with environmental, radiobioassay, effluent (10 CFR Part 50), and waste (10 CFR Part 51) sample analysis.

This report covers the category of Radiological Environmental Monitoring Program (REMP) and includes:

- Intra-laboratory QC results analyzed during 2012.
- Inter-laboratory QC results analyzed during 2012 where known values were available.

2. Quality Assurance Programs for Inter-laboratory, Intra-laboratory and Third Party Cross-Check

In addition to internal and client audits, our laboratory participates in annual performance evaluation studies conducted by independent providers. We routinely participate in the following types of performance audits:

- Proficiency testing and other inter-laboratory comparisons
- Performance requirements necessary to retain Certifications
- Evaluation of recoveries of certified reference and in-house secondary reference materials using statistical process control data.
- Evaluation of relative percent difference between measurements through SPC data.

We also participate in a number of proficiency testing programs for federal and state agencies and as required by contracts. It is our policy that no proficiency evaluation samples be analyzed in any special manner. Our annual performance evaluation participation generally includes a combination of studies that support the following:

- US Environmental Protection Agency Discharge Monitoring Report, Quality Assurance Program (DMR-QA). Annual national program sponsored by EPA for laboratories engaged in the analysis of samples associated with the NPDES monitoring program. Participation is mandatory for all holders of NPDES permits. The permit holder must analyze for all of the parameters listed on the discharge permit. Parameters include general chemistry, metals, BOD/COD, oil and grease, ammonia, nitrates, etc.
- Department of Energy Mixed Analyte Performance Evaluation Program (MAPEP). A semiannual program developed by DOE in support of DOE contractors performing waste analyses. Participation is required for all laboratories that perform environmental analytical measurements in support of environmental management activities. This program includes radioactive isotopes in water, soil, vegetation and air filters.
- ERA's MRAD-Multimedia Radiochemistry Proficiency test program. This program is for labs seeking certification for radionuclides in wastewater and solid waste. The program is conducted in strict compliance with USEPA National Standards for Water Proficiency study.
- ERA's InterLab RadChem Proficiency Testing Program for radiological analyses. This program completes the process of replacing the USEPA EMSL-LV Nuclear Radiation Assessment Division program discontinued in 1998. Laboratories seeking certification for radionuclide analysis in drinking water also use the study. This program is conducted in strict compliance with the USEPA National Standards for Water Proficiency Testing Studies. This program encompasses Uranium by EPA method 200.8 (for drinking water certification in Florida/Primary NELAP), gamma emitters, Gross Alpha/Beta, Iodine-131, naturally occurring radioactive isotopes, Strontium-89/90, and Tritium.

- ERA's Water Pollution (WP) biannual program for waste methodologies includes parameters for both organic and inorganic analytes.
- ERA's Water Supply (WS) biannual program for drinking water methodologies includes parameters for organic and inorganic analytes.
- Environmental Cross-Check Program administered by Eckert & Ziegler Analytics, Inc. This program encompasses radionuclides in water, soil, milk, naturally occurring radioactive isotopes in soil and air filters.

GEL procures single-blind performance evaluation samples from Eckert & Ziegler Analytics to verify the analysis of sample matrices processed at GEL. Samples are received on a quarterly basis. GEL's Third-Party Cross-Check Program provides environmental matrices encountered in a typical nuclear utility REMP. The Third-Party Cross-Check Program is intended to meet or exceed the inter-laboratory comparison program requirements discussed in NRC Regulatory Guide 4.15, revision 1. Once performance evaluation samples have been prepared in accordance with the instructions provided by the PT provider, samples are managed and analyzed in the same manner as environmental samples from GEL's clients.

3. Quality Assurance Program for Internal and External Audits

During each annual reporting period, at least one internal assessment of each area of the laboratory is conducted in accordance with the pre-established schedule from Standard Operating Procedure for the Conduct of Quality Audits, GL-QS-E-001. The annual internal audit plan is reviewed for adequacy and includes the scheduled frequency and scope of quality control actions necessary to GEL's QA program. Internal audits are conducted at least annually in accordance with a schedule approved by the Quality Systems Director. Supplier audits are contingent upon the categorization of the supplier, and may or may not be conducted prior to the use of a supplier or subcontractor. Type I suppliers and subcontractors, regardless of how they were initially qualified, are re-evaluated at least once every three years.

In addition, prospective customers audit GEL during pre-contract audits. GEL hosts several external audits each year for both our clients and other programs. These programs include environmental monitoring, waste characterization, and radiobioassay. The following list of programs may audit GEL at least annually or up to every three years depending on the program.

- NELAC, National Environmental Laboratory Accreditation Program
- DOE/CAP, U.S. Department of Energy Consolidated Audit Program
- DOE/LAP, U.S. Department of Energy Laboratory Accreditation Program
- DOE/QSAS, U.S. Department of Energy, Quality Systems for Analytical Services
- ISO/IEC 17025
- A2LA, American Association for Laboratory Accreditation
- DOD ELAP, US Department of Defense Environmental Accreditation Program
- NUPIC, Nuclear Procurement Issues Committee
- South Carolina Department of Health and Environmental Control (SC DHEC)

The annual radiochemistry laboratory internal audit (12-RAD-001) was conducted in March 2012. Two (2) findings, three (3) observations, and three (3) recommendations resulted from this

assessment. In May, 2012, each finding was closed and appropriate laboratory staff addressed each observation and recommendation.

The Nuclear Procurement Issues Committee (NUPIC) follow up verification audit was conducted on October 16, 2012 through October 17, 2012. This Duke Energy/NUPIC QA audit was performed to verify that the six audit findings identified in the 2011 NUPIC audit had been successfully implemented.

The audit confirmed that the actions taken to the six findings have been adequately addressed by GEL. The Audit Report # 22837-A for Supplier Number 5644 has been posted on the NUPIC website.

4. Performance Evaluation Acceptance Criteria for Environmental Sample Analysis

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

5. Performance Evaluation Samples

Performance Evaluation (PE) results and internal quality control sample results are evaluated in accordance with GEL acceptance criteria. The first criterion concerns bias, which is defined as the deviation of any one result from the known value. The second criterion concerns precision, which deals with the ability of the measurement to be replicated by comparison of an individual result with the mean of all results for a given sample set.

At GEL, we also evaluate our analytical performance on a regular basis through statistical process control (SPC) acceptance criteria. Where feasible, this criterion is applied to both measures of precision and accuracy and is specific to sample matrix. We establish environmental process control limits at least annually.

For Radiochemistry analysis, quality control evaluation is based on static limits rather than those that are statistically derived. Our current process control limits are maintained in GEL's AlphaLIMS. We also measure precision with matrix duplicates and/or matrix spike duplicates. The upper and lower control limits (UCL and LCL respectively) for precision are plus or minus three times the standard deviation from the mean of a series of relative percent differences. The static precision criteria for radiochemical analyses are 0 - 20%, for activity levels exceeding the contract required detection limit (CRDL).

6. Quality Control Program for Environmental Sample Analysis

GEL's Internal QA Program is designed to include QC functions such as instrumentation calibration checks (to insure proper instrument response), blank samples, instrumentation backgrounds, duplicates, as well as overall staff qualification analyses and statistical process controls. Both quality control and qualification analyses samples are used to be as similar as the matrix type of those samples submitted for analysis by the various laboratory clients. These performance test samples (or performance evaluation samples) are either actual sample

submitted in duplicate in order to evaluate the precision of laboratory measurements, or fortified blank samples, which have been given a known quantity of a radioisotope that is in the interest to GEL's clients.

Accuracy (or Bias) is measured through laboratory control samples and/or matrix spikes, as well as surrogates and internal standards. The UCLs and LCLs for accuracy are plus or minus three times the standard deviation from the mean of a series of recoveries. The static limit for radiochemical analyses is 75 - 125%. Specific instructions for out-of-control situations are provided in the applicable analytical SOP.

GEL's Laboratory Control Standard (LCS) is an aliquot of reagent water or other blank matrix to which known quantities of the method analytes are added in the laboratory. The LCS is analyzed exactly like a sample, and its purpose is to determine whether the methodology is in control, and whether the laboratory is capable of making accurate and precise measurements. Some methods may refer to these samples as Laboratory Fortified Blanks (LFB). The requirement for recovery is between 75 and 125% for radiological analyses excluding drinking water matrix.

$$\text{Bias (\%)} = \frac{(\text{observed concentration})}{(\text{known concentration})} * 100 \%$$

Precision is a data quality indicator of the agreement between measurements of the same property, obtained under similar conditions, and how well they conform to themselves. Precision is usually expressed as standard deviation, variance or range in either absolute or relative (percentage) terms.

GEL's laboratory duplicate (DUP or LCSO) is an aliquot of a sample taken from the same container and processed in the same manner under identical laboratory conditions. The aliquot is analyzed independently from the parent sample and the results are compared to measure precision and accuracy.

If a sample duplicate is analyzed, it will be reported as Relative Percent Difference (RPD). The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

$$\text{Difference (\%)} = \frac{(\text{high duplicate result} - \text{low duplicate result})}{(\text{average of results})} * 100 \%$$

7. Summary of Data Results

During 2012, forty-three (43) radioisotopes associated with seven (7) matrix types were analyzed under GEL's Performance Evaluation program in participation with ERA, MAPEP, and Eckert & Ziegler Analytics. Matrix types were representative of client analyses performed during 2012. Of the four hundred forty-four (444) total results reported, 98% (433 of 444) were found to be acceptable. The list below contains the type of matrix evaluated by GEL.



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

Graphs are provided in Figures 1-9 of this report to allow for the evaluation of trends or biases. These graphs include radioisotopes Cobalt-60, Cesium-137, Tritium, Strontium-90, Gross Alpha, Gross Beta, Iodine-131, Americium-241, and Plutonium-238.

8. Summary of Participation in the Eckert & Ziegler Analytics Environmental Cross-Check Program

Eckert & Ziegler Analytics provided samples for ninety-two (92) individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. All results fell within GEL's acceptance criteria (100%).

9. Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 25, 26 and 27 were analyzed by the laboratory. Of the one hundred twenty-nine (129) analyses, 94% (121 out of 129) of all results fell within the PT provider's acceptance criteria. Eight analytical failures occurred: Cobalt-57 in soil, Uranium-234/235 in filter, Strontium-90 in vegetation, Uranium-234/235 in vegetation, Strontium-90 in soil, Uranium-234/235 in filter, Uranium-238 in filter and Gross Alpha in Filter.

For the corrective actions associated with MAPEP Series 26 and 27, refer to CARR120711-694, CARR120711-698, CARR121127-742, CARR121127-743, and CARR121127-744 please see Table 8.

10. Summary of Participation in the ERA MRaD PT Program

The ERA MRaD program provided samples (MRAD-16 and MRAD-17) for one hundred seventy-nine individual environmental analyses. All results (100%) fell within the PT provider's acceptance criteria.

11. Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-88, RAD-89, RAD-90 and RAD-91) for forty-four (44) individual environmental analyses. Of the 44 analyses, 93% (41 out of 44) of all results fell within the PT provider's acceptance criteria. Three analytical failures occurred: Barium-133 in water, Zinc-65 in soil, and I-131 in water.

For the corrective actions associated with RAD-88, and RAD-90, refer to corrective actions CARR120306-667 and CARR120831-715 (Table 8).

12. Corrective Action Request and Report (CARR)

There are two categories of corrective action at GEL. One is corrective action implemented at the analytical and data review level in accordance with the analytical SOP. The other is formal corrective action documented by the Quality Systems Team in accordance with GL-QS-E-002. A formal corrective action is initiated when a nonconformance reoccurs or is so significant that permanent elimination or prevention of the problem is required. Formal corrective action investigations include root cause analysis.

GEL includes quality requirements in most analytical standard operating procedures to ensure that data are reported only if the quality control criteria are met or the quality control measures that did not meet the acceptance criteria are documented. A formal corrective action is implemented according to GL-QS-E-002 for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement. Recording and documentation is performed following guidelines stated in GL-QS-E-012 for Client NCR Database Operation.

Any employee at GEL can identify and report a nonconformance and request that corrective action be taken. Any GEL employee can participate on a corrective action team as requested by the QS team or Group Leaders. The steps for conducting corrective action are detailed in GL-QS-E-002. In the event that correctness or validity of the laboratory's test results in doubt, the laboratory will take corrective action. If investigations show that the results have been impacted, affected clients will be informed of the issue in writing within five (5) calendar days of the discovery.

Table 8 provides the status of CARRs for radiological performance testing during 2012. It has been determined that causes of the failures did not impact any data reported to our clients.

13. References

1. GEL Quality Assurance Plan, GL-QS-B-001
2. GEL Standard Operating Procedure for the Conduct of Quality Audits, GL-QS-E-001
3. GEL Standard Operating Procedure for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement, GL-QS-E-002
4. GEL Standard Operating Procedure for AlphaLIMS Documentation of Nonconformance Reporting and Dispositioning and Control of Nonconforming Items, GL-QS-E-004
5. GEL Standard Operating Procedure for Handling Proficiency Evaluation Samples, GL-QS-E-013
6. GEL Standard Operating Procedure for Quality Assurance Measurement Calculations and Processes, GL-QS-E-014
7. 40 CFR Part 136 Guidelines Establishing Test Procedures for the Analysis of Pollutants
8. ISO/IEC 17025-2005, General Requirements for the Competence of Testing and Calibration Laboratories
9. ANSIASQC E4-1994, Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs, American National Standard
10. 2003 NELAC Standard, National Environmental Laboratory Accreditation Program
11. MARLAP, Multi-Agency Radiological Laboratory Analytical Protocols
12. 10 CFR Part 21, Reporting of Defects and Noncompliance
13. 10 CFR Part 50 Appendix B, Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants
14. 10 CFR Part 61, Licensing Requirements for Land Disposal and Radioactive Waste
15. NRC REG Guide 4.15 and NRC REG Guide 4.8

2012 BSEP Radiological Environmental Monitoring TLD Report

Comments

- All BSEP Environmental TLDs were present in 2012.
- TLD points 41 thru 74 are not ODCM TLD sample points and are not listed.
- TLD sample points 19 and 80 have been retired and are not used.
- TLD sample points 82 thru 85 for Independent Spent Fuel Storage Installation (ISFSI) are listed in a separate report.
 - The ISFSI TLDs are not included in the Environmental TLD statistical calculations.
 - The ISFSI TLDs have their own statistical calculations.
 - All the BSEP ISFSI TLDs were present in 2012, except for the following TLD:
 - ISFSI TLD #85 Third Quarter of 2012

BNP Radiological Environmental Monitoring TLD Report

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
1	1.1 MI E	2/15/2012	9.3	1.9
1	1.1 MI E	5/15/2012	9	1.1
1	1.1 MI E	8/15/2012	9.7	1.9
1	1.1 MI E	11/15/2012	9.1	2.3
2	0.9 MI ESE	2/15/2012	10.1	1.9
2	0.9 MI ESE	5/15/2012	9.7	1.6
2	0.9 MI ESE	8/15/2012	11.4	1.1
2	0.9 MI ESE	11/15/2012	9.4	2.1
3	0.9 MI SE	2/15/2012	9.7	0.6
3	0.9 MI SE	5/15/2012	10.6	1.1
3	0.9 MI SE	8/15/2012	9.4	1.2
3	0.9 MI SE	11/15/2012	9.7	2.4
4	1.1 MI SSE	2/15/2012	10.7	2.2
4	1.1 MI SSE	5/15/2012	9.8	1.2
4	1.1 MI SSE	8/15/2012	9.7	1.1
4	1.1 MI SSE	11/15/2012	9.2	2.2
5	1.1 MI S	2/15/2012	9.4	1.2
5	1.1 MI S	5/15/2012	9.2	1.1
5	1.1 MI S	8/15/2012	9.7	1.3
5	1.1 MI S	11/15/2012	9.1	2.2
6	1.1 MI SSW	2/15/2012	9.4	0.7
6	1.1 MI SSW	5/15/2012	8.5	1.3

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
6	1.1 MI SSW	8/15/2012	9.2	2.2
6	1.1 MI SSW	11/15/2012	8.4	2.4
7	1.1 MI SW	2/15/2012	9.9	1.2
7	1.1 MI SW	5/15/2012	9.6	0.9
7	1.1 MI SW	8/15/2012	9.7	1.5
7	1.1 MI SW	11/15/2012	9.8	2
8	1.2 MI W	2/15/2012	10	0.9
8	1.2 MI W	5/15/2012	8.7	0.9
8	1.2 MI W	8/15/2012	9.4	1.2
8	1.2 MI W	11/15/2012	9	2.1
9	1.0 MI WNW	2/15/2012	9	1.2
9	1.0 MI WNW	5/15/2012	8.4	1.3
9	1.0 MI WNW	8/15/2012	8.8	1.5
9	1.0 MI WNW	11/15/2012	8.4	2.3
10	0.8 MI NW	2/15/2012	9.7	1.3
10	0.8 MI NW	5/15/2012	8.6	1.1
10	0.8 MI NW	8/15/2012	9	1.3
10	0.8 MI NW	11/15/2012	8.5	2
11	0.9 MI NNW	2/15/2012	10	0.7
11	0.9 MI NNW	5/15/2012	9.4	1
11	0.9 MI NNW	8/15/2012	9	1
11	0.9 MI NNW	11/15/2012	9.2	2.3
12	1.1 MI N	2/15/2012	9.8	1.6
12	1.1 MI N	5/15/2012	9.8	1.7

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
12	1.1 MI N	8/15/2012	9.6	1.2
12	1.1 MI N	11/15/2012	9.3	2.6
13	1.2 MI NNE	2/15/2012	9.6	1.5
13	1.2 MI NNE	5/15/2012	8.6	1.1
13	1.2 MI NNE	8/15/2012	8.8	1.5
13	1.2 MI NNE	11/15/2012	8.2	2.6
14	0.5 MI NE	2/15/2012	10.8	1.4
14	0.5 MI NE	5/15/2012	9.9	1.6
14	0.5 MI NE	8/15/2012	10	1.3
14	0.5 MI NE	11/15/2012	10.4	3.4
15	0.9 MI ENE	2/15/2012	10.8	1.2
15	0.9 MI ENE	5/15/2012	10	1
15	0.9 MI ENE	8/15/2012	10.2	1.7
15	0.9 MI ENE	11/15/2012	10.3	2.3
16	1.0 MI WSW	2/15/2012	9.2	1.1
16	1.0 MI WSW	5/15/2012	8.7	1
16	1.0 MI WSW	8/15/2012	9	1.1
16	1.0 MI WSW	11/15/2012	8.8	2.6
17	1.4 MI ESE	2/15/2012	12.8	1.5
17	1.4 MI ESE	5/15/2012	10.9	1.5
17	1.4 MI ESE	8/15/2012	11.5	2.3
17	1.4 MI ESE	11/15/2012	10.4	2.5
18	1.7 MI SE	2/15/2012	11.8	1
18	1.7 MI SE	5/15/2012	9	2.2

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
18	1.7 MI SE	8/15/2012	11.2	1
18	1.7 MI SE	11/15/2012	9.1	2.1
20	2.1 MI S	2/15/2012	11.2	2
20	2.1 MI S	5/15/2012	8.7	1.2
20	2.1 MI S	8/15/2012	10.9	1
20	2.1 MI S	11/15/2012	9	2
21	2.9 MI SSW	2/15/2012	12.2	0.8
21	2.9 MI SSW	5/15/2012	11.2	1.3
21	2.9 MI SSW	8/15/2012	12	1.7
21	2.9 MI SSW	11/15/2012	11.4	2.4
22	5.3 MI SW	2/15/2012	9.4	1.7
22	5.3 MI SW	5/15/2012	9.6	0.9
22	5.3 MI SW	8/15/2012	9.1	1.5
22	5.3 MI SW	11/15/2012	9.4	2.4
23	4.6 MI WSW	2/15/2012	7.6	0.7
23	4.6 MI WSW	5/15/2012	7.8	0.8
23	4.6 MI WSW	8/15/2012	7.9	1
23	4.6 MI WSW	11/15/2012	7.7	2.1
24	3.0 MI W	2/15/2012	10.3	2.1
24	3.0 MI W	5/15/2012	10.2	1.2
24	3.0 MI W	8/15/2012	10.5	1
24	3.0 MI W	11/15/2012	9.5	2.1
25	8.6 MI WNW	2/15/2012	10.7	0.8
25	8.6 MI WNW	5/15/2012	9.3	1.7

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
25	8.6 MI WNW	8/15/2012	10.1	1.1
25	8.6 MI WNW	11/15/2012	9.3	2.2
26	5.9 MI NW	2/15/2012	12.8	0.8
26	5.9 MI NW	5/15/2012	10.9	1.2
26	5.9 MI NW	8/15/2012	11.9	1.5
26	5.9 MI NW	11/15/2012	10.9	2.2
27	5.1 MI NNW	2/15/2012	10.2	0.7
27	5.1 MI NNW	5/15/2012	8.4	1.5
27	5.1 MI NNW	8/15/2012	9.9	2.8
27	5.1 MI NNW	11/15/2012	8.1	2.3
28	4.2 MI NW	2/15/2012	10.8	1.4
28	4.2 MI NW	5/15/2012	9.6	0.9
28	4.2 MI NW	8/15/2012	9.7	1.2
28	4.2 MI NW	11/15/2012	9	2.3
29	2.6 MI SSW	2/15/2012	9.5	0.8
29	2.6 MI SSW	5/15/2012	8.3	1.2
29	2.6 MI SSW	8/15/2012	8.7	1.1
29	2.6 MI SSW	11/15/2012	8.7	2.1
30	2.0 MI NE	2/15/2012	12	1.2
30	2.0 MI NE	5/15/2012	9.8	1.3
30	2.0 MI NE	8/15/2012	11.9	1.9
30	2.0 MI NE	11/15/2012	9.9	2.8
31	2.5 MI ENE	2/15/2012	9.7	0.9
31	2.5 MI ENE	5/15/2012	10.3	0.8

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
31	2.5 MI ENE	8/15/2012	9.3	1
31	2.5 MI ENE	11/15/2012	11.3	2.2
32	5.8 MI ENE	2/15/2012	12.6	0.6
32	5.8 MI ENE	5/15/2012	11.2	1.7
32	5.8 MI ENE	8/15/2012	11.7	1.1
32	5.8 MI ENE	11/15/2012	10.5	2.1
33	4.1 MI E	2/15/2012	9.3	0.7
33	4.1 MI E	5/15/2012	8.2	0.8
33	4.1 MI E	8/15/2012	8.9	1.1
33	4.1 MI E	11/15/2012	8.1	2.3
34	5.4 MI E	2/15/2012	10.3	0.9
34	5.4 MI E	5/15/2012	8.6	1
34	5.4 MI E	8/15/2012	9.6	1.6
34	5.4 MI E	11/15/2012	8.5	2.8
35	7.3 MI SSE	2/15/2012	8	1.3
35	7.3 MI SSE	5/15/2012	8.3	1.5
35	7.3 MI SSE	8/15/2012	7.8	1.6
35	7.3 MI SSE	11/15/2012	8.1	2.6
36	8.9 MI NE	2/15/2012	9.5	1.3
36	8.9 MI NE	5/15/2012	9.4	1.3
36	8.9 MI NE	8/15/2012	9.9	1
36	8.9 MI NE	11/15/2012	8.6	2.1
37	5.5 MI NW	2/15/2012	8.8	1.5
37	5.5 MI NW	5/15/2012	8.2	1.5

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
37	5.5 MI NW	8/15/2012	8.2	1
37	5.5 MI NW	11/15/2012	7.7	2.3
38	11.0 MI W	2/15/2012	9.7	0.6
38	11.0 MI W	5/15/2012	8.9	2.2
38	11.0 MI W	8/15/2012	9.6	1.1
38	11.0 MI W	11/15/2012	9.2	2.5
39	5.3 MI SW	2/15/2012	11.6	1.1
39	5.3 MI SW	5/15/2012	11.9	0.8
39	5.3 MI SW	8/15/2012	11.7	1.5
39	5.3 MI SW	11/15/2012	12.4	2.6
40	6.9 MI WSW	2/15/2012	12.2	1
40	6.9 MI WSW	5/15/2012	12.2	2.2
40	6.9 MI WSW	8/15/2012	11.6	1.8
40	6.9 MI WSW	11/15/2012	11.5	2.2
75	4.7 MI S	2/15/2012	11	1.3
75	4.7 MI S	5/15/2012	9.7	1.3
75	4.7 MI S	8/15/2012	10.1	1.3
75	4.7 MI S	11/15/2012	9.9	2.6
76	4.8 MI SSW	2/15/2012	13.6	0.7
76	4.8 MI SSW	5/15/2012	10.3	1
76	4.8 MI SSW	8/15/2012	12.2	1.2
76	4.8 MI SSW	11/15/2012	11.1	2.8
77	5.4 MI S	2/15/2012	9.7	2.1
77	5.4 MI S	5/15/2012	7.5	1.6

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
77	5.4 MI S	8/15/2012	9.2	1.1
77	5.4 MI S	11/15/2012	7.7	2
78	9.9 MI NNE	2/15/2012	9.5	0.6
78	9.9 MI NNE	5/15/2012	10	1
78	9.9 MI NNE	8/15/2012	9	1.2
78	9.9 MI NNE	11/15/2012	9	2.3
79	9.5 MI N	2/15/2012	11.4	2.3
79	9.5 MI N	5/15/2012	9.1	1.2
79	9.5 MI N	8/15/2012	11.1	1.4
79	9.5 MI N	11/15/2012	9.2	2.2
81	9.9 MI WNW - CONTROL	2/15/2012	12.7	1.1
81	9.9 MI WNW - CONTROL	5/15/2012	9.9	1.8
81	9.9 MI WNW - CONTROL	8/15/2012	11.5	1.1
81	9.9 MI WNW - CONTROL	11/15/2012	9.7	2

BNP Radiological ISFSI TLD Report

Dose: mR/std. qtr.

<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
82	0.17 MI NNE - @ SW CORNER OF ISFSI	2/15/2012	23.6	1
82	0.17 MI NNE - @ SW CORNER OF ISFSI	5/15/2012	22.6	2.5
82	0.17 MI NNE - @ SW CORNER OF ISFSI	8/15/2012	28.1	3.6
82	0.17 MI NNE - @ SW CORNER OF ISFSI	11/15/2012	23.8	0.9
83	0.27 MI NE - @ NW CORNER OF ISFSI	2/15/2012	20.4	1.9
83	0.27 MI NE - @ NW CORNER OF ISFSI	5/15/2012	20.9	2.4
83	0.27 MI NE - @ NW CORNER OF ISFSI	8/15/2012	21.9	2.2
83	0.27 MI NE - @ NW CORNER OF ISFSI	11/15/2012	22	1.8
84	0.27 MI NE - @ NE CORNER OF ISFSI	2/15/2012	15.7	2.7
84	0.27 MI NE - @ NE CORNER OF ISFSI	5/15/2012	17.8	2.4
84	0.27 MI NE - @ NE CORNER OF ISFSI	8/15/2012	17.8	2.7
84	0.27 MI NE - @ NE CORNER OF ISFSI	11/15/2012	18.2	3
85	0.09 MI ENE - @ SE CORNER OF ISFSI	2/15/2012	45.3	0.7
85	0.09 MI ENE - @ SE CORNER OF ISFSI	5/15/2012	45.7	0.8
85	0.09 MI ENE - @ SE CORNER OF ISFSI	11/15/2012	55.3	5.7

2012 BSEP 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.
- Tritium samples that exhibit activity will not indicate LLD values for the following samples:
 - Groundwater samples
 - Surface Water samples (494 – 499 and 604 - 610)

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
200 1.0 MI WSW - VISITORS CENTER	1/2/2012	237.2	<LLD	2.65E-02
200 1.0 MI WSW - VISITORS CENTER	1/9/2012	272.6	<LLD	2.05E-02
200 1.0 MI WSW - VISITORS CENTER	1/16/2012	274.4	<LLD	2.16E-02
200 1.0 MI WSW - VISITORS CENTER	1/23/2012	275.2	<LLD	2.12E-02
200 1.0 MI WSW - VISITORS CENTER	1/30/2012	273.6	<LLD	1.72E-02
200 1.0 MI WSW - VISITORS CENTER	2/6/2012	275.3	<LLD	2.39E-02
200 1.0 MI WSW - VISITORS CENTER	2/13/2012	273.0	<LLD	1.91E-02
200 1.0 MI WSW - VISITORS CENTER	2/20/2012	273.1	<LLD	2.26E-02
200 1.0 MI WSW - VISITORS CENTER	2/27/2012	274.9	<LLD	1.70E-02
200 1.0 MI WSW - VISITORS CENTER	3/5/2012	273.5	<LLD	2.10E-02
200 1.0 MI WSW - VISITORS CENTER	3/12/2012	277.1	<LLD	1.65E-02
200 1.0 MI WSW - VISITORS CENTER	3/19/2012	276.3	<LLD	2.13E-02
200 1.0 MI WSW - VISITORS CENTER	3/26/2012	264.9	<LLD	1.78E-02
200 1.0 MI WSW - VISITORS CENTER	4/2/2012	279.6	<LLD	1.87E-02
200 1.0 MI WSW - VISITORS CENTER	4/9/2012	277.0	<LLD	1.89E-02
200 1.0 MI WSW - VISITORS CENTER	4/16/2012	276.2	<LLD	2.06E-02
200 1.0 MI WSW - VISITORS CENTER	4/23/2012	279.6	<LLD	1.83E-02
200 1.0 MI WSW - VISITORS CENTER	4/30/2012	278.6	<LLD	1.98E-02
200 1.0 MI WSW - VISITORS CENTER	5/7/2012	280.2	<LLD	2.09E-02
200 1.0 MI WSW - VISITORS CENTER	5/14/2012	287.6	<LLD	1.81E-02
200 1.0 MI WSW - VISITORS CENTER	5/21/2012	261.4	<LLD	2.38E-02
200 1.0 MI WSW - VISITORS CENTER	5/28/2012	282.2	<LLD	1.91E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
200 1.0 MI WSW - VISITORS CENTER	6/4/2012	283.6	<LLD	2.31E-02
200 1.0 MI WSW - VISITORS CENTER	6/11/2012	278.0	<LLD	2.40E-02
200 1.0 MI WSW - VISITORS CENTER	6/18/2012	279.8	<LLD	2.25E-02
200 1.0 MI WSW - VISITORS CENTER	6/25/2012	278.9	<LLD	2.10E-02
200 1.0 MI WSW - VISITORS CENTER	7/2/2012	279.8	<LLD	2.13E-02
200 1.0 MI WSW - VISITORS CENTER	7/9/2012	280.4	<LLD	1.60E-02
200 1.0 MI WSW - VISITORS CENTER	7/16/2012	280.0	<LLD	2.33E-02
200 1.0 MI WSW - VISITORS CENTER	7/23/2012	281.7	<LLD	1.85E-02
200 1.0 MI WSW - VISITORS CENTER	7/30/2012	400.9	<LLD	1.48E-02
200 1.0 MI WSW - VISITORS CENTER	8/6/2012	283.1	<LLD	1.95E-02
200 1.0 MI WSW - VISITORS CENTER	8/13/2012	284.4	<LLD	1.82E-02
200 1.0 MI WSW - VISITORS CENTER	8/20/2012	289.5	<LLD	1.97E-02
200 1.0 MI WSW - VISITORS CENTER	8/27/2012	281.9	<LLD	1.85E-02
200 1.0 MI WSW - VISITORS CENTER	9/3/2012	285.0	<LLD	2.01E-02
200 1.0 MI WSW - VISITORS CENTER	9/10/2012	286.5	<LLD	2.30E-02
200 1.0 MI WSW - VISITORS CENTER	9/17/2012	282.9	<LLD	2.22E-02
200 1.0 MI WSW - VISITORS CENTER	9/24/2012	284.1	<LLD	2.11E-02
200 1.0 MI WSW - VISITORS CENTER	10/1/2012	289.5	<LLD	2.31E-02
200 1.0 MI WSW - VISITORS CENTER	10/8/2012	283.6	<LLD	2.26E-02
200 1.0 MI WSW - VISITORS CENTER	10/15/2012	286.0	<LLD	1.74E-02
200 1.0 MI WSW - VISITORS CENTER	10/22/2012	284.6	<LLD	1.94E-02
200 1.0 MI WSW - VISITORS CENTER	10/29/2012	286.2	<LLD	1.77E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
200 1.0 MI WSW - VISITORS CENTER	11/5/2012	283.2	<LLD	2.62E-02
200 1.0 MI WSW - VISITORS CENTER	11/12/2012	279.9	<LLD	2.97E-02
200 1.0 MI WSW - VISITORS CENTER	11/19/2012	278.6	<LLD	3.04E-02
200 1.0 MI WSW - VISITORS CENTER	11/26/2012	275.0	<LLD	1.88E-02
200 1.0 MI WSW - VISITORS CENTER	12/3/2012	276.8	<LLD	1.97E-02
200 1.0 MI WSW - VISITORS CENTER	12/10/2012	274.1	<LLD	1.90E-02
200 1.0 MI WSW - VISITORS CENTER	12/17/2012	275.2	<LLD	2.10E-02
200 1.0 MI WSW - VISITORS CENTER	12/23/2012	273.5	<LLD	3.30E-02
200 1.0 MI WSW - VISITORS CENTER	12/31/2012	268.9	<LLD	1.86E-02
201 0.5 MI NE - PMAC	1/2/2012	246.5	<LLD	2.92E-02
201 0.5 MI NE - PMAC	1/9/2012	283.5	<LLD	2.14E-02
201 0.5 MI NE - PMAC	1/16/2012	284.7	<LLD	2.06E-02
201 0.5 MI NE - PMAC	1/23/2012	283.7	<LLD	2.69E-02
201 0.5 MI NE - PMAC	1/30/2012	285.6	<LLD	2.33E-02
201 0.5 MI NE - PMAC	2/6/2012	284.1	<LLD	2.02E-02
201 0.5 MI NE - PMAC	2/13/2012	282.1	<LLD	2.30E-02
201 0.5 MI NE - PMAC	2/20/2012	281.7	<LLD	2.41E-02
201 0.5 MI NE - PMAC	2/27/2012	284.3	<LLD	2.41E-02
201 0.5 MI NE - PMAC	3/5/2012	283.6	<LLD	1.93E-02
201 0.5 MI NE - PMAC	3/12/2012	284.9	<LLD	2.16E-02
201 0.5 MI NE - PMAC	3/19/2012	287.8	<LLD	2.34E-02
201 0.5 MI NE - PMAC	3/26/2012	292.7	<LLD	1.87E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
201 0.5 MI NE - PMAC	4/2/2012	291.9	<LLD	2.16E-02
201 0.5 MI NE - PMAC	4/9/2012	288.2	<LLD	2.99E-02
201 0.5 MI NE - PMAC	4/16/2012	288.0	<LLD	2.18E-02
201 0.5 MI NE - PMAC	4/23/2012	290.4	<LLD	2.27E-02
201 0.5 MI NE - PMAC	4/30/2012	289.5	<LLD	1.90E-02
201 0.5 MI NE - PMAC	5/7/2012	293.6	<LLD	1.94E-02
201 0.5 MI NE - PMAC	5/14/2012	301.7	<LLD	2.28E-02
201 0.5 MI NE - PMAC	5/21/2012	284.8	<LLD	3.03E-02
201 0.5 MI NE - PMAC	5/28/2012	296.0	<LLD	2.57E-02
201 0.5 MI NE - PMAC	6/4/2012	298.1	<LLD	2.27E-02
201 0.5 MI NE - PMAC	6/11/2012	287.5	<LLD	2.03E-02
201 0.5 MI NE - PMAC	6/18/2012	292.2	<LLD	1.85E-02
201 0.5 MI NE - PMAC	6/25/2012	296.8	<LLD	1.92E-02
201 0.5 MI NE - PMAC	7/2/2012	291.7	<LLD	1.76E-02
201 0.5 MI NE - PMAC	7/9/2012	294.0	<LLD	1.86E-02
201 0.5 MI NE - PMAC	7/16/2012	289.3	<LLD	1.93E-02
201 0.5 MI NE - PMAC	7/23/2012	298.6	<LLD	2.06E-02
201 0.5 MI NE - PMAC	7/30/2012	292.9	<LLD	1.70E-02
201 0.5 MI NE - PMAC	8/6/2012	293.4	<LLD	2.10E-02
201 0.5 MI NE - PMAC	8/13/2012	291.0	<LLD	2.43E-02
201 0.5 MI NE - PMAC	8/20/2012	294.0	<LLD	2.00E-02
201 0.5 MI NE - PMAC	8/27/2012	283.6	<LLD	2.25E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
201 0.5 MI NE - PMAC	9/3/2012	288.4	<LLD	2.49E-02
201 0.5 MI NE - PMAC	9/10/2012	290.1	<LLD	2.31E-02
201 0.5 MI NE - PMAC	9/17/2012	286.9	<LLD	2.30E-02
201 0.5 MI NE - PMAC	9/24/2012	286.7	<LLD	2.24E-02
201 0.5 MI NE - PMAC	10/1/2012	291.0	<LLD	1.94E-02
201 0.5 MI NE - PMAC	10/8/2012	285.7	<LLD	2.33E-02
201 0.5 MI NE - PMAC	10/15/2012	277.0	<LLD	2.33E-02
201 0.5 MI NE - PMAC	10/22/2012	280.4	<LLD	2.48E-02
201 0.5 MI NE - PMAC	10/29/2012	283.4	<LLD	2.13E-02
201 0.5 MI NE - PMAC	11/5/2012	279.4	<LLD	2.79E-02
201 0.5 MI NE - PMAC	11/12/2012	276.7	<LLD	2.85E-02
201 0.5 MI NE - PMAC	11/19/2012	277.2	<LLD	2.29E-02
201 0.5 MI NE - PMAC	11/26/2012	274.5	<LLD	2.53E-02
201 0.5 MI NE - PMAC	12/3/2012	277.1	<LLD	2.11E-02
201 0.5 MI NE - PMAC	12/10/2012	273.7	<LLD	2.25E-02
201 0.5 MI NE - PMAC	12/17/2012	276.0	<LLD	1.85E-02
201 0.5 MI NE - PMAC	12/23/2012	274.9	<LLD	2.56E-02
201 0.5 MI NE - PMAC	12/31/2012	266.9	<LLD	2.54E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	1/2/2012	241.8	<LLD	2.34E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	1/9/2012	278.5	<LLD	2.37E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	1/16/2012	280.8	<LLD	2.13E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	1/23/2012	281.3	<LLD	1.58E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
202 1.0 MI S - SUBSTATION ON CONSTRN RD	1/30/2012	280.6	<LLD	2.27E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/6/2012	281.9	<LLD	2.15E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	279.8	<LLD	2.17E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/20/2012	279.8	<LLD	1.87E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/27/2012	280.9	<LLD	1.91E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	3/5/2012	279.4	<LLD	1.51E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	3/12/2012	282.2	<LLD	1.54E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	3/19/2012	282.4	<LLD	1.64E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	3/26/2012	286.5	<LLD	2.46E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	4/2/2012	284.8	<LLD	2.25E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	4/9/2012	283.2	<LLD	2.51E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	4/16/2012	281.5	<LLD	1.80E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	4/23/2012	283.9	<LLD	2.14E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	4/30/2012	283.5	<LLD	2.05E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	5/7/2012	284.1	<LLD	1.62E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	5/14/2012	291.0	<LLD	1.58E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	5/21/2012	281.0	<LLD	2.39E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	5/28/2012	287.0	<LLD	2.04E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	6/4/2012	286.3	<LLD	2.81E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	6/11/2012	284.8	<LLD	2.00E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	6/18/2012	285.6	<LLD	2.28E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	6/25/2012	283.9	<LLD	2.45E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
202 1.0 MI S - SUBSTATION ON CONSTRN RD	7/2/2012	287.4	<LLD	2.48E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	7/9/2012	286.5	<LLD	1.93E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	7/16/2012	283.5	<LLD	2.31E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	7/23/2012	289.6	<LLD	1.68E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	7/30/2012	286.0	<LLD	1.93E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	8/6/2012	286.8	<LLD	1.79E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	8/13/2012	281.2	<LLD	1.47E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	8/20/2012	284.9	<LLD	1.89E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	8/27/2012	279.9	<LLD	2.27E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	9/3/2012	278.8	<LLD	2.33E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	9/10/2012	288.6	<LLD	2.14E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	9/17/2012	271.1	<LLD	2.28E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	9/24/2012	278.2	<LLD	2.08E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	10/1/2012	283.2	<LLD	1.72E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	10/8/2012	290.7	<LLD	2.29E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	10/15/2012	286.9	<LLD	2.29E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	10/22/2012	286.9	<LLD	2.11E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	10/29/2012	289.0	<LLD	1.98E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/5/2012	284.0	<LLD	2.75E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/12/2012	280.9	<LLD	2.73E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/19/2012	281.0	<LLD	3.21E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/26/2012	277.8	<LLD	1.94E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
202 1.0 MI S - SUBSTATION ON CONSTRN RD	12/3/2012	282.3	<LLD	2.12E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	12/10/2012	281.5	<LLD	1.70E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	12/17/2012	282.0	<LLD	2.18E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	12/23/2012	275.6	<LLD	2.38E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	12/31/2012	274.0	<LLD	2.36E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	1/2/2012	242.4	<LLD	3.14E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	1/9/2012	278.5	<LLD	2.07E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	1/16/2012	280.6	<LLD	1.86E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	1/23/2012	281.9	<LLD	2.02E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	1/30/2012	281.7	<LLD	1.89E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/6/2012	282.8	<LLD	2.15E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/13/2012	280.9	<LLD	2.16E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/20/2012	280.8	<LLD	2.49E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/27/2012	283.2	<LLD	2.25E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	3/5/2012	279.8	<LLD	1.90E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	3/12/2012	283.6	<LLD	1.38E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	3/19/2012	283.9	<LLD	2.11E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	3/26/2012	288.8	<LLD	1.81E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	4/2/2012	286.0	<LLD	1.71E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	4/9/2012	283.6	<LLD	2.43E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	4/16/2012	282.7	<LLD	1.89E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	4/23/2012	285.8	<LLD	2.12E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
203 2.0 MI SSW - SOUTHPORT SUBSTATION	4/30/2012	285.3	<LLD	1.83E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	5/7/2012	286.4	<LLD	1.68E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	5/14/2012	292.3	<LLD	2.15E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	5/21/2012	282.8	<LLD	2.32E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	5/28/2012	289.3	<LLD	2.63E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	6/4/2012	288.4	<LLD	2.13E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	6/11/2012	287.3	<LLD	1.51E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	6/18/2012	289.6	<LLD	1.89E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	6/25/2012	285.3	<LLD	2.05E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	7/2/2012	291.4	<LLD	2.13E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	7/9/2012	288.4	<LLD	1.81E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	7/16/2012	286.7	<LLD	1.64E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	7/23/2012	293.3	<LLD	2.35E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	7/30/2012	289.7	<LLD	2.21E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/6/2012	290.3	<LLD	2.27E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/13/2012	288.8	<LLD	2.06E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/20/2012	292.9	<LLD	2.14E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/27/2012	286.1	<LLD	2.31E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	9/3/2012	287.1	<LLD	2.35E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	9/10/2012	298.5	<LLD	2.56E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	9/17/2012	278.1	<LLD	2.15E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	9/24/2012	288.0	<LLD	1.91E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
203 2.0 MI SSW - SOUTHPORT SUBSTATION	10/1/2012	292.6	<LLD	1.95E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	10/8/2012	291.9	<LLD	2.32E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	10/15/2012	291.3	<LLD	1.71E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	10/22/2012	291.5	<LLD	2.29E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	10/29/2012	293.4	<LLD	1.81E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/5/2012	289.7	<LLD	2.22E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/12/2012	287.5	<LLD	2.22E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/19/2012	287.1	<LLD	2.47E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/26/2012	285.3	<LLD	2.44E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	12/3/2012	289.6	<LLD	2.00E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	12/10/2012	287.6	<LLD	1.93E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	12/17/2012	289.0	<LLD	1.92E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	12/23/2012	284.2	<LLD	2.66E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	12/31/2012	283.5	<LLD	2.25E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	1/2/2012	233.1	<LLD	2.67E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	1/9/2012	266.5	<LLD	2.19E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	1/16/2012	268.4	<LLD	1.95E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	1/23/2012	268.5	<LLD	1.98E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	1/30/2012	273.3	<LLD	1.49E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/6/2012	269.0	<LLD	2.18E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/13/2012	264.6	<LLD	2.22E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/20/2012	267.6	<LLD	2.36E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/27/2012	267.9	<LLD	1.95E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	3/5/2012	271.8	<LLD	2.29E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	3/12/2012	265.1	<LLD	2.08E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	3/19/2012	273.1	<LLD	2.27E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	3/26/2012	279.7	<LLD	2.28E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	4/2/2012	275.9	<LLD	2.25E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	4/9/2012	273.0	<LLD	2.11E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	4/16/2012	276.8	<LLD	2.57E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	4/23/2012	275.5	<LLD	2.25E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	4/30/2012	275.6	<LLD	1.79E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	5/7/2012	278.8	<LLD	1.47E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	5/14/2012	278.0	<LLD	1.84E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	5/21/2012	277.9	<LLD	2.20E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	5/28/2012	280.2	<LLD	2.58E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	6/4/2012	277.1	<LLD	2.83E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	6/11/2012	277.5	<LLD	2.59E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	6/18/2012	275.7	<LLD	2.36E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	6/25/2012	278.7	<LLD	2.42E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	7/2/2012	284.5	<LLD	2.02E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	7/9/2012	273.9	<LLD	2.11E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	7/16/2012	279.8	<LLD	2.11E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	7/23/2012	279.2	<LLD	1.95E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	7/30/2012	279.3	<LLD	2.04E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/6/2012	280.0	<LLD	1.78E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/13/2012	278.8	<LLD	2.22E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/20/2012	278.8	<LLD	1.83E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/27/2012	269.8	<LLD	2.05E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	9/3/2012	279.3	<LLD	1.80E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	9/10/2012	278.2	<LLD	2.55E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	9/17/2012	276.6	<LLD	1.94E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	9/24/2012	274.6	<LLD	2.30E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	10/1/2012	276.0	<LLD	2.50E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	10/8/2012	289.2	<LLD	1.69E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	10/15/2012	281.0	<LLD	2.07E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	10/22/2012	284.1	<LLD	1.91E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	10/29/2012	284.2	<LLD	1.71E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/5/2012	281.5	<LLD	2.48E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/12/2012	280.1	<LLD	3.19E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/19/2012	278.4	<LLD	2.45E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/26/2012	276.5	<LLD	1.73E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	12/3/2012	277.6	<LLD	2.23E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	12/10/2012	281.4	<LLD	2.31E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	12/17/2012	279.1	<LLD	2.04E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	12/23/2012	282.3	<LLD	2.49E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	12/31/2012	271.4	<LLD	2.29E-02
205 0.6 MI SSE - SPOIL POND	1/2/2012	234.1	<LLD	2.64E-02
205 0.6 MI SSE - SPOIL POND	1/9/2012	267.6	<LLD	1.98E-02
205 0.6 MI SSE - SPOIL POND	1/16/2012	269.4	<LLD	2.18E-02
205 0.6 MI SSE - SPOIL POND	1/23/2012	270.5	<LLD	2.24E-02
205 0.6 MI SSE - SPOIL POND	1/30/2012	271.2	<LLD	2.24E-02
205 0.6 MI SSE - SPOIL POND	2/6/2012	270.3	<LLD	2.21E-02
205 0.6 MI SSE - SPOIL POND	2/13/2012	263.2	<LLD	1.81E-02
205 0.6 MI SSE - SPOIL POND	2/20/2012	265.3	<LLD	2.16E-02
205 0.6 MI SSE - SPOIL POND	2/27/2012	264.7	<LLD	2.84E-02
205 0.6 MI SSE - SPOIL POND	3/5/2012	293.2	<LLD	1.91E-02
205 0.6 MI SSE - SPOIL POND	3/12/2012	293.7	<LLD	2.03E-02
205 0.6 MI SSE - SPOIL POND	3/19/2012	297.9	<LLD	2.06E-02
205 0.6 MI SSE - SPOIL POND	3/26/2012	298.4	<LLD	1.49E-02
205 0.6 MI SSE - SPOIL POND	4/2/2012	295.5	<LLD	2.18E-02
205 0.6 MI SSE - SPOIL POND	4/9/2012	292.7	<LLD	2.20E-02
205 0.6 MI SSE - SPOIL POND	4/16/2012	291.3	<LLD	1.86E-02
205 0.6 MI SSE - SPOIL POND	4/23/2012	293.4	<LLD	1.54E-02
205 0.6 MI SSE - SPOIL POND	4/30/2012	293.4	<LLD	1.88E-02
205 0.6 MI SSE - SPOIL POND	5/7/2012	296.1	<LLD	1.99E-02
205 0.6 MI SSE - SPOIL POND	5/14/2012	306.0	<LLD	2.02E-02
205 0.6 MI SSE - SPOIL POND	5/21/2012	294.5	<LLD	2.46E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
205 0.6 MI SSE - SPOIL POND	5/28/2012	301.6	<LLD	2.65E-02
205 0.6 MI SSE - SPOIL POND	6/4/2012	301.8	<LLD	2.51E-02
205 0.6 MI SSE - SPOIL POND	6/11/2012	281.5	<LLD	1.78E-02
205 0.6 MI SSE - SPOIL POND	6/18/2012	281.1	<LLD	1.69E-02
205 0.6 MI SSE - SPOIL POND	6/25/2012	281.0	<LLD	1.62E-02
205 0.6 MI SSE - SPOIL POND	7/2/2012	283.8	<LLD	1.77E-02
205 0.6 MI SSE - SPOIL POND	7/9/2012	286.5	<LLD	2.20E-02
205 0.6 MI SSE - SPOIL POND	7/16/2012	282.1	<LLD	1.98E-02
205 0.6 MI SSE - SPOIL POND	7/23/2012	289.7	<LLD	1.75E-02
205 0.6 MI SSE - SPOIL POND	7/30/2012	285.4	<LLD	1.56E-02
205 0.6 MI SSE - SPOIL POND	8/6/2012	286.1	<LLD	2.27E-02
205 0.6 MI SSE - SPOIL POND	8/13/2012	283.2	<LLD	1.77E-02
205 0.6 MI SSE - SPOIL POND	8/20/2012	288.1	<LLD	2.76E-02
205 0.6 MI SSE - SPOIL POND	8/27/2012	282.0	<LLD	1.90E-02
205 0.6 MI SSE - SPOIL POND	9/3/2012	282.9	<LLD	2.51E-02
205 0.6 MI SSE - SPOIL POND	9/10/2012	290.5	<LLD	2.20E-02
205 0.6 MI SSE - SPOIL POND	9/17/2012	271.6	<LLD	2.17E-02
205 0.6 MI SSE - SPOIL POND	9/24/2012	281.6	<LLD	2.33E-02
205 0.6 MI SSE - SPOIL POND	10/1/2012	285.1	<LLD	2.06E-02
205 0.6 MI SSE - SPOIL POND	10/8/2012	289.3	<LLD	1.91E-02
205 0.6 MI SSE - SPOIL POND	10/15/2012	287.3	<LLD	1.90E-02
205 0.6 MI SSE - SPOIL POND	10/22/2012	287.4	<LLD	1.60E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
205 0.6 MI SSE - SPOIL POND	10/29/2012	288.2	<LLD	2.25E-02
205 0.6 MI SSE - SPOIL POND	11/5/2012	285.7	<LLD	2.65E-02
205 0.6 MI SSE - SPOIL POND	11/12/2012	281.1	<LLD	2.66E-02
205 0.6 MI SSE - SPOIL POND	11/19/2012	281.0	<LLD	3.04E-02
205 0.6 MI SSE - SPOIL POND	11/26/2012	275.2	<LLD	1.87E-02
205 0.6 MI SSE - SPOIL POND	12/3/2012	281.6	<LLD	1.56E-02
205 0.6 MI SSE - SPOIL POND	12/10/2012	281.6	<LLD	2.08E-02
205 0.6 MI SSE - SPOIL POND	12/17/2012	281.5	<LLD	2.08E-02
205 0.6 MI SSE - SPOIL POND	12/23/2012	277.2	<LLD	2.79E-02
205 0.6 MI SSE - SPOIL POND	12/31/2012	277.1	<LLD	2.46E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	1/2/2012	224.9	<LLD	3.16E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	1/9/2012	259.0	<LLD	2.48E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	1/16/2012	283.8	<LLD	2.18E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	1/23/2012	285.7	<LLD	1.75E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	1/30/2012	287.5	<LLD	1.62E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/6/2012	287.1	<LLD	2.48E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/13/2012	283.2	<LLD	2.11E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/20/2012	286.2	<LLD	2.09E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/27/2012	287.0	<LLD	2.16E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	3/5/2012	289.2	<LLD	2.08E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	3/12/2012	284.6	<LLD	1.97E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	3/19/2012	290.3	<LLD	2.10E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	3/26/2012	293.7	<LLD	1.99E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	4/2/2012	291.5	<LLD	2.13E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	4/9/2012	287.4	<LLD	2.48E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	4/16/2012	291.4	<LLD	2.16E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	4/23/2012	290.2	<LLD	2.11E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	4/30/2012	290.7	<LLD	2.09E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	5/7/2012	293.0	<LLD	1.83E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	5/14/2012	291.6	<LLD	2.16E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	5/21/2012	292.5	<LLD	2.04E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	5/28/2012	295.0	<LLD	2.38E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	6/4/2012	292.1	<LLD	2.16E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	6/11/2012	292.5	<LLD	2.19E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	6/18/2012	291.3	<LLD	1.93E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	6/25/2012	293.4	<LLD	2.31E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	7/2/2012	300.3	<LLD	2.07E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	7/9/2012	287.4	<LLD	2.13E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	7/16/2012	293.7	<LLD	1.98E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	7/23/2012	293.8	<LLD	1.30E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	7/30/2012	293.7	<LLD	1.86E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	8/6/2012	294.1	<LLD	2.03E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	8/13/2012	293.1	<LLD	2.08E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	8/20/2012	292.8	<LLD	2.32E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	8/27/2012	291.3	<LLD	2.05E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	9/3/2012	292.6	<LLD	2.32E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	9/10/2012	291.3	<LLD	2.31E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	9/17/2012	289.2	<LLD	2.19E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	9/24/2012	288.7	<LLD	2.24E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	10/1/2012	288.9	<LLD	1.95E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	10/8/2012	286.8	<LLD	2.33E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	10/15/2012	279.0	<LLD	2.05E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	10/22/2012	281.4	<LLD	1.86E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	10/29/2012	281.7	<LLD	1.94E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/5/2012	280.6	<LLD	2.49E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/12/2012	279.0	<LLD	2.73E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/19/2012	277.8	<LLD	3.34E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/26/2012	277.4	<LLD	1.91E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	12/3/2012	277.3	<LLD	2.64E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	12/10/2012	280.4	<LLD	2.57E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	12/17/2012	278.9	<LLD	1.87E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	12/23/2012	280.9	<LLD	2.95E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	12/31/2012	270.4	<LLD	2.45E-02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

Sample Point	Sample Date	Quantity	Activity	2 Sigma Error	LLD	
200	1.0 MI WSW - VISITORS CENTER	1/2/2012	237.2	3.00E-02	4.18E-03	3.68E-03
200	1.0 MI WSW - VISITORS CENTER	1/9/2012	272.6	2.60E-02	3.69E-03	3.39E-03
200	1.0 MI WSW - VISITORS CENTER	1/16/2012	274.4	2.13E-02	3.38E-03	3.21E-03
200	1.0 MI WSW - VISITORS CENTER	1/23/2012	275.2	2.26E-02	3.51E-03	3.39E-03
200	1.0 MI WSW - VISITORS CENTER	1/30/2012	273.6	1.98E-02	3.37E-03	3.38E-03
200	1.0 MI WSW - VISITORS CENTER	2/6/2012	275.3	1.65E-02	3.10E-03	3.17E-03
200	1.0 MI WSW - VISITORS CENTER	2/13/2012	273	2.20E-02	3.41E-03	3.17E-03
200	1.0 MI WSW - VISITORS CENTER	2/20/2012	273.1	1.95E-02	3.15E-03	2.82E-03
200	1.0 MI WSW - VISITORS CENTER	2/27/2012	274.9	2.07E-02	3.31E-03	3.10E-03
200	1.0 MI WSW - VISITORS CENTER	3/5/2012	273.5	1.44E-02	3.13E-03	3.53E-03
200	1.0 MI WSW - VISITORS CENTER	3/12/2012	277.1	1.74E-02	3.14E-03	3.15E-03
200	1.0 MI WSW - VISITORS CENTER	3/19/2012	276.3	1.63E-02	2.98E-03	2.88E-03
200	1.0 MI WSW - VISITORS CENTER	3/26/2012	264.9	1.58E-02	3.22E-03	3.49E-03
200	1.0 MI WSW - VISITORS CENTER	4/2/2012	279.6	1.99E-02	3.29E-03	3.23E-03
200	1.0 MI WSW - VISITORS CENTER	4/9/2012	277	1.48E-02	2.90E-03	2.93E-03
200	1.0 MI WSW - VISITORS CENTER	4/16/2012	276.2	1.76E-02	3.07E-03	2.94E-03
200	1.0 MI WSW - VISITORS CENTER	4/23/2012	279.6	1.94E-02	3.19E-03	3.02E-03
200	1.0 MI WSW - VISITORS CENTER	4/30/2012	278.6	2.12E-02	3.44E-03	3.42E-03
200	1.0 MI WSW - VISITORS CENTER	5/7/2012	280.2	1.46E-02	3.04E-03	3.35E-03
200	1.0 MI WSW - VISITORS CENTER	5/14/2012	287.6	1.78E-02	3.20E-03	3.36E-03
200	1.0 MI WSW - VISITORS CENTER	5/21/2012	261.4	1.41E-02	3.13E-03	3.48E-03
200	1.0 MI WSW - VISITORS CENTER	5/28/2012	282.2	1.21E-02	2.87E-03	3.30E-03
200	1.0 MI WSW - VISITORS CENTER	6/4/2012	283.6	1.38E-02	2.96E-03	3.27E-03
200	1.0 MI WSW - VISITORS CENTER	6/11/2012	278	1.39E-02	2.97E-03	3.26E-03
200	1.0 MI WSW - VISITORS CENTER	6/18/2012	279.8	1.03E-02	2.82E-03	3.42E-03
200	1.0 MI WSW - VISITORS CENTER	6/25/2012	278.9	1.19E-02	2.91E-03	3.40E-03
200	1.0 MI WSW - VISITORS CENTER	7/2/2012	279.8	1.94E-02	3.37E-03	3.49E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
200	1.0 MI WSW - VISITORS CENTER	7/9/2012	280.4	3.17E-02	3.75E-03	2.81E-03
200	1.0 MI WSW - VISITORS CENTER	7/16/2012	280	1.41E-02	2.95E-03	3.18E-03
200	1.0 MI WSW - VISITORS CENTER	7/23/2012	281.7	1.10E-02	2.59E-03	2.80E-03
200	1.0 MI WSW - VISITORS CENTER	7/30/2012	400.9	1.55E-02	2.33E-03	2.09E-03
200	1.0 MI WSW - VISITORS CENTER	8/6/2012	283.1	2.12E-02	3.32E-03	3.15E-03
200	1.0 MI WSW - VISITORS CENTER	8/13/2012	284.4	1.56E-02	2.97E-03	3.03E-03
200	1.0 MI WSW - VISITORS CENTER	8/20/2012	289.5	2.69E-02	3.62E-03	3.28E-03
200	1.0 MI WSW - VISITORS CENTER	8/27/2012	281.9	1.23E-02	2.86E-03	3.24E-03
200	1.0 MI WSW - VISITORS CENTER	9/3/2012	285	1.24E-02	2.88E-03	3.30E-03
200	1.0 MI WSW - VISITORS CENTER	9/10/2012	286.5	2.08E-02	3.24E-03	3.01E-03
200	1.0 MI WSW - VISITORS CENTER	9/17/2012	282.9	1.99E-02	3.21E-03	3.02E-03
200	1.0 MI WSW - VISITORS CENTER	9/24/2012	284.1	1.89E-02	3.21E-03	3.19E-03
200	1.0 MI WSW - VISITORS CENTER	10/1/2012	289.5	2.19E-02	3.28E-03	2.97E-03
200	1.0 MI WSW - VISITORS CENTER	10/8/2012	283.6	2.14E-02	3.38E-03	3.30E-03
200	1.0 MI WSW - VISITORS CENTER	10/15/2012	286	2.81E-02	3.60E-03	2.96E-03
200	1.0 MI WSW - VISITORS CENTER	10/22/2012	284.6	2.47E-02	3.56E-03	3.33E-03
200	1.0 MI WSW - VISITORS CENTER	10/29/2012	286.2	2.62E-02	3.53E-03	3.03E-03
200	1.0 MI WSW - VISITORS CENTER	11/5/2012	283.2	2.31E-02	3.50E-03	3.37E-03
200	1.0 MI WSW - VISITORS CENTER	11/12/2012	279.9	2.38E-02	3.37E-03	2.85E-03
200	1.0 MI WSW - VISITORS CENTER	11/19/2012	278.6	2.45E-02	3.53E-03	3.20E-03
200	1.0 MI WSW - VISITORS CENTER	11/26/2012	275	2.15E-02	3.48E-03	3.45E-03
200	1.0 MI WSW - VISITORS CENTER	12/3/2012	276.8	2.43E-02	3.55E-03	3.27E-03
200	1.0 MI WSW - VISITORS CENTER	12/10/2012	274.1	1.49E-02	3.07E-03	3.30E-03
200	1.0 MI WSW - VISITORS CENTER	12/17/2012	275.2	1.26E-02	2.88E-03	3.18E-03
200	1.0 MI WSW - VISITORS CENTER	12/24/2012	273.5	2.52E-02	3.62E-03	3.31E-03
200	1.0 MI WSW - VISITORS CENTER	12/31/2012	268.9	1.57E-02	3.22E-03	3.53E-03
201	0.5 MI NE - PMAC	1/2/2012	246.5	2.46E-02	3.80E-03	3.55E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
201	0.5 MI NE - PMAC	1/9/2012	283.5	2.22E-02	3.41E-03	3.26E-03
201	0.5 MI NE - PMAC	1/16/2012	284.7	1.86E-02	3.16E-03	3.10E-03
201	0.5 MI NE - PMAC	1/23/2012	283.7	2.36E-02	3.49E-03	3.29E-03
201	0.5 MI NE - PMAC	1/30/2012	285.6	2.02E-02	3.29E-03	3.24E-03
201	0.5 MI NE - PMAC	2/6/2012	284.1	1.96E-02	3.20E-03	3.08E-03
201	0.5 MI NE - PMAC	2/13/2012	282.1	2.22E-02	3.35E-03	3.07E-03
201	0.5 MI NE - PMAC	2/20/2012	281.7	1.87E-02	3.05E-03	2.73E-03
201	0.5 MI NE - PMAC	2/27/2012	284.3	2.21E-02	3.31E-03	2.99E-03
201	0.5 MI NE - PMAC	3/5/2012	283.6	1.19E-02	2.90E-03	3.41E-03
201	0.5 MI NE - PMAC	3/12/2012	284.9	1.88E-02	3.16E-03	3.07E-03
201	0.5 MI NE - PMAC	3/19/2012	287.8	1.34E-02	2.72E-03	2.76E-03
201	0.5 MI NE - PMAC	3/26/2012	292.7	1.75E-02	3.09E-03	3.16E-03
201	0.5 MI NE - PMAC	4/2/2012	291.9	2.03E-02	3.22E-03	3.09E-03
201	0.5 MI NE - PMAC	4/9/2012	288.2	1.75E-02	2.98E-03	2.81E-03
201	0.5 MI NE - PMAC	4/16/2012	288	1.88E-02	3.06E-03	2.82E-03
201	0.5 MI NE - PMAC	4/23/2012	290.4	1.76E-02	3.01E-03	2.90E-03
201	0.5 MI NE - PMAC	4/30/2012	289.5	2.07E-02	3.32E-03	3.29E-03
201	0.5 MI NE - PMAC	5/7/2012	293.6	1.72E-02	3.09E-03	3.20E-03
201	0.5 MI NE - PMAC	5/14/2012	301.7	1.61E-02	3.00E-03	3.20E-03
201	0.5 MI NE - PMAC	5/21/2012	284.8	1.51E-02	3.00E-03	3.20E-03
201	0.5 MI NE - PMAC	5/28/2012	296	1.01E-02	2.65E-03	3.15E-03
201	0.5 MI NE - PMAC	6/4/2012	298.1	1.43E-02	2.88E-03	3.11E-03
201	0.5 MI NE - PMAC	6/11/2012	287.5	1.12E-02	2.74E-03	3.15E-03
201	0.5 MI NE - PMAC	6/18/2012	292.2	1.72E-02	3.12E-03	3.27E-03
201	0.5 MI NE - PMAC	6/25/2012	296.8	1.18E-02	2.77E-03	3.20E-03
201	0.5 MI NE - PMAC	7/2/2012	291.7	1.61E-02	3.09E-03	3.35E-03
201	0.5 MI NE - PMAC	7/9/2012	294	2.80E-02	3.47E-03	2.68E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

Sample Point	Sample Date	Quantity	Activity	2 Sigma Error	LLD	
201	0.5 MI NE - PMAC	7/16/2012	289.3	1.40E-02	2.88E-03	3.08E-03
201	0.5 MI NE - PMAC	7/23/2012	298.6	1.21E-02	2.56E-03	2.64E-03
201	0.5 MI NE - PMAC	7/30/2012	292.9	1.74E-02	2.98E-03	2.86E-03
201	0.5 MI NE - PMAC	8/6/2012	293.4	1.62E-02	2.98E-03	3.04E-03
201	0.5 MI NE - PMAC	8/13/2012	291	1.54E-02	2.91E-03	2.96E-03
201	0.5 MI NE - PMAC	8/20/2012	294	2.31E-02	3.40E-03	3.23E-03
201	0.5 MI NE - PMAC	8/27/2012	283.6	1.44E-02	2.97E-03	3.22E-03
201	0.5 MI NE - PMAC	9/3/2012	288.4	9.24E-03	2.66E-03	3.27E-03
201	0.5 MI NE - PMAC	9/10/2012	290.1	2.34E-02	3.35E-03	2.97E-03
201	0.5 MI NE - PMAC	9/17/2012	286.9	1.58E-02	2.95E-03	2.97E-03
201	0.5 MI NE - PMAC	9/24/2012	286.7	2.12E-02	3.31E-03	3.16E-03
201	0.5 MI NE - PMAC	10/1/2012	291	2.50E-02	3.42E-03	2.96E-03
201	0.5 MI NE - PMAC	10/8/2012	285.7	2.13E-02	3.36E-03	3.27E-03
201	0.5 MI NE - PMAC	10/15/2012	277	2.77E-02	3.65E-03	3.05E-03
201	0.5 MI NE - PMAC	10/22/2012	280.4	2.39E-02	3.56E-03	3.38E-03
201	0.5 MI NE - PMAC	10/29/2012	283.4	2.19E-02	3.33E-03	3.06E-03
201	0.5 MI NE - PMAC	11/5/2012	279.4	2.46E-02	3.60E-03	3.42E-03
201	0.5 MI NE - PMAC	11/12/2012	276.7	2.48E-02	3.45E-03	2.88E-03
201	0.5 MI NE - PMAC	11/19/2012	277.2	2.69E-02	3.66E-03	3.22E-03
201	0.5 MI NE - PMAC	11/26/2012	274.5	2.58E-02	3.70E-03	3.46E-03
201	0.5 MI NE - PMAC	12/3/2012	277.1	3.07E-02	3.86E-03	3.27E-03
201	0.5 MI NE - PMAC	12/10/2012	273.7	1.41E-02	3.02E-03	3.31E-03
201	0.5 MI NE - PMAC	12/17/2012	276	1.18E-02	2.82E-03	3.17E-03
201	0.5 MI NE - PMAC	12/24/2012	274.9	2.08E-02	3.39E-03	3.30E-03
201	0.5 MI NE - PMAC	12/31/2012	266.9	1.36E-02	3.11E-03	3.55E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	1/2/2012	241.8	2.78E-02	4.02E-03	3.61E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	1/9/2012	278.5	2.41E-02	3.55E-03	3.32E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
202	1.0 MI S - SUBSTATION ON CONSTRN RD	1/16/2012	280.8	2.38E-02	3.46E-03	3.14E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	1/23/2012	281.3	2.30E-02	3.48E-03	3.31E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	1/30/2012	280.6	1.67E-02	3.14E-03	3.30E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	2/6/2012	281.9	1.71E-02	3.08E-03	3.10E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	279.8	2.20E-02	3.36E-03	3.10E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	2/20/2012	279.8	1.72E-02	2.98E-03	2.75E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	2/27/2012	280.9	2.16E-02	3.31E-03	3.03E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	3/5/2012	279.4	1.52E-02	3.13E-03	3.46E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	3/12/2012	282.2	1.81E-02	3.14E-03	3.10E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	3/19/2012	282.4	1.62E-02	2.93E-03	2.81E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	3/26/2012	286.5	1.54E-02	3.02E-03	3.23E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	4/2/2012	284.8	2.05E-02	3.28E-03	3.17E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	4/9/2012	283.2	1.93E-02	3.12E-03	2.83E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	4/16/2012	281.5	2.31E-02	3.34E-03	2.88E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	4/23/2012	283.9	1.86E-02	3.11E-03	2.97E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	4/30/2012	283.5	2.22E-02	3.45E-03	3.36E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	5/7/2012	284.1	1.75E-02	3.18E-03	3.31E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	5/14/2012	291	1.70E-02	3.13E-03	3.32E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	5/21/2012	281	1.52E-02	3.03E-03	3.24E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	5/28/2012	287	1.06E-02	2.74E-03	3.25E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	6/4/2012	286.3	1.54E-02	3.03E-03	3.24E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	6/11/2012	284.8	1.22E-02	2.82E-03	3.18E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	6/18/2012	285.6	1.51E-02	3.06E-03	3.35E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	6/25/2012	283.9	1.26E-02	2.91E-03	3.34E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	7/2/2012	287.4	2.22E-02	3.44E-03	3.40E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	7/9/2012	286.5	2.94E-02	3.59E-03	2.75E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	7/16/2012	283.5	1.41E-02	2.92E-03	3.14E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
202	1.0 MI S - SUBSTATION ON CONSTRN RD	7/23/2012	289.6	1.19E-02	2.61E-03	2.72E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	7/30/2012	286	1.68E-02	2.99E-03	2.93E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	8/6/2012	286.8	2.13E-02	3.30E-03	3.11E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	8/13/2012	281.2	9.04E-03	2.57E-03	3.06E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	8/20/2012	284.9	2.71E-02	3.67E-03	3.33E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	8/27/2012	279.9	1.43E-02	2.99E-03	3.26E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	9/3/2012	278.8	8.59E-03	2.69E-03	3.38E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	9/10/2012	288.6	2.34E-02	3.36E-03	2.98E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	9/17/2012	271.1	1.89E-02	3.25E-03	3.15E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	9/24/2012	278.2	2.04E-02	3.34E-03	3.26E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	10/1/2012	283.1	2.70E-02	3.58E-03	3.04E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	10/8/2012	290.7	1.90E-02	3.20E-03	3.21E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	10/15/2012	286.9	2.46E-02	3.42E-03	2.95E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	10/22/2012	286.9	2.13E-02	3.37E-03	3.31E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	10/29/2012	289	2.46E-02	3.42E-03	3.01E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	11/5/2012	284	1.98E-02	3.33E-03	3.36E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	11/12/2012	280.9	2.62E-02	3.49E-03	2.84E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	11/19/2012	281	2.25E-02	3.41E-03	3.17E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	11/26/2012	277.8	2.69E-02	3.72E-03	3.41E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	12/3/2012	282.3	3.11E-02	3.83E-03	3.21E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	12/10/2012	281.5	1.35E-02	2.92E-03	3.22E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	12/17/2012	282	1.17E-02	2.77E-03	3.11E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	12/24/2012	275.6	2.32E-02	3.51E-03	3.29E-03
202	1.0 MI S - SUBSTATION ON CONSTRN RD	12/31/2012	274	1.45E-02	3.10E-03	3.46E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	1/2/2012	242.4	2.47E-02	3.85E-03	3.61E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	1/9/2012	278.5	2.55E-02	3.61E-03	3.32E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	1/16/2012	280.6	2.06E-02	3.30E-03	3.14E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

Sample Point	Sample Date	Quantity	Activity	2 Sigma Error	LLD	
203	2.0 MI SSW - SOUTHPORT SUBSTATION	1/23/2012	281.9	1.96E-02	3.30E-03	3.31E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	1/30/2012	281.7	1.66E-02	3.13E-03	3.28E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	2/6/2012	282.8	1.95E-02	3.21E-03	3.09E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	2/13/2012	280.9	1.93E-02	3.20E-03	3.08E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	2/20/2012	280.8	1.90E-02	3.07E-03	2.74E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	2/27/2012	283.2	2.13E-02	3.28E-03	3.00E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	3/5/2012	279.8	1.48E-02	3.10E-03	3.45E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	3/12/2012	283.6	2.05E-02	3.26E-03	3.08E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	3/19/2012	283.9	1.53E-02	2.86E-03	2.80E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	3/26/2012	288.8	1.53E-02	3.00E-03	3.20E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	4/2/2012	286	1.82E-02	3.16E-03	3.16E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	4/9/2012	283.6	1.61E-02	2.94E-03	2.86E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	4/16/2012	282.7	2.02E-02	3.17E-03	2.87E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	4/23/2012	285.8	2.27E-02	3.32E-03	2.95E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	4/30/2012	285.3	2.02E-02	3.33E-03	3.34E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	5/7/2012	286.4	1.51E-02	3.03E-03	3.28E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	5/14/2012	292.3	1.64E-02	3.09E-03	3.31E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	5/21/2012	282.8	1.53E-02	3.03E-03	3.22E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	5/28/2012	289.3	1.06E-02	2.73E-03	3.22E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	6/4/2012	288.4	1.46E-02	2.97E-03	3.22E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	6/11/2012	287.3	1.35E-02	2.88E-03	3.15E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	6/18/2012	289.6	1.52E-02	3.03E-03	3.30E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	6/25/2012	285.3	1.21E-02	2.87E-03	3.33E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	7/2/2012	291.4	1.90E-02	3.25E-03	3.35E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	7/9/2012	288.4	2.64E-02	3.44E-03	2.73E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	7/16/2012	286.7	1.18E-02	2.76E-03	3.11E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	7/23/2012	293.3	1.15E-02	2.56E-03	2.69E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
203	2.0 MI SSW - SOUTHPORT SUBSTATION	7/30/2012	289.7	1.63E-02	2.94E-03	2.89E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	8/6/2012	290.3	1.85E-02	3.13E-03	3.07E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	8/13/2012	288.8	1.15E-02	2.69E-03	2.98E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	8/20/2012	292.9	2.55E-02	3.53E-03	3.24E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	8/27/2012	286.1	1.18E-02	2.80E-03	3.19E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	9/3/2012	287.1	9.28E-03	2.67E-03	3.28E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	9/10/2012	298.5	2.17E-02	3.20E-03	2.88E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	9/17/2012	278.1	1.79E-02	3.14E-03	3.07E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	9/24/2012	288	2.37E-02	3.43E-03	3.15E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	10/1/2012	292.6	2.56E-02	3.44E-03	2.94E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	10/8/2012	291.9	2.14E-02	3.32E-03	3.20E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	10/15/2012	291.3	2.84E-02	3.57E-03	2.90E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	10/22/2012	291.5	2.04E-02	3.29E-03	3.25E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	10/29/2012	293.4	2.43E-02	3.38E-03	2.96E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	11/5/2012	289.7	2.39E-02	3.49E-03	3.30E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	11/12/2012	287.5	2.87E-02	3.56E-03	2.77E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	11/19/2012	287.1	2.47E-02	3.47E-03	3.10E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	11/26/2012	285.3	2.92E-02	3.76E-03	3.33E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	12/3/2012	289.6	3.66E-02	4.01E-03	3.13E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	12/10/2012	287.6	1.59E-02	3.02E-03	3.15E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	12/17/2012	289	1.32E-02	2.81E-03	3.03E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	12/24/2012	284.2	2.04E-02	3.29E-03	3.19E-03
203	2.0 MI SSW - SOUTHPORT SUBSTATION	12/31/2012	283.5	1.57E-02	3.10E-03	3.35E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	1/2/2012	233.1	2.63E-02	4.03E-03	3.75E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	1/9/2012	266.5	2.47E-02	3.68E-03	3.47E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	1/16/2012	268.4	2.14E-02	3.44E-03	3.28E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	1/23/2012	268.5	2.11E-02	3.49E-03	3.47E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

Sample Point	Sample Date	Quantity	Activity	2 Sigma Error	LLD	
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	1/30/2012	273.3	1.77E-02	3.25E-03	3.38E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	2/6/2012	269	2.14E-02	3.42E-03	3.25E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	2/13/2012	264.6	2.18E-02	3.47E-03	3.27E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	2/20/2012	267.6	1.84E-02	3.13E-03	2.88E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	2/27/2012	267.9	2.22E-02	3.45E-03	3.18E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	3/5/2012	271.8	1.32E-02	3.07E-03	3.56E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	3/12/2012	265.1	2.33E-02	3.56E-03	3.30E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	3/19/2012	273.1	1.54E-02	2.95E-03	2.91E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	3/26/2012	279.7	1.57E-02	3.09E-03	3.31E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	4/2/2012	275.9	1.95E-02	3.30E-03	3.27E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	4/9/2012	273	1.87E-02	3.16E-03	2.97E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	4/16/2012	276.8	2.06E-02	3.24E-03	2.93E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	4/23/2012	275.5	2.03E-02	3.27E-03	3.06E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	4/30/2012	275.6	2.05E-02	3.43E-03	3.46E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	5/7/2012	278.8	1.90E-02	3.30E-03	3.37E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	5/14/2012	278	1.78E-02	3.28E-03	3.48E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	5/21/2012	277.9	1.53E-02	3.06E-03	3.28E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	5/28/2012	280.2	1.05E-02	2.78E-03	3.33E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	6/4/2012	277.1	1.66E-02	3.17E-03	3.35E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	6/11/2012	277.5	1.34E-02	2.95E-03	3.27E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	6/18/2012	275.7	1.56E-02	3.16E-03	3.47E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	6/25/2012	278.7	1.53E-02	3.11E-03	3.40E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	7/2/2012	284.5	2.64E-02	3.67E-03	3.43E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	7/9/2012	273.9	3.71E-02	4.05E-03	2.88E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	7/16/2012	279.8	1.18E-02	2.81E-03	3.18E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	7/23/2012	279.2	1.12E-02	2.63E-03	2.82E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	7/30/2012	279.3	2.29E-02	3.38E-03	3.00E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

Sample Point	Sample Date	Quantity	Activity	2 Sigma Error	LLD	
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	8/6/2012	280	2.03E-02	3.30E-03	3.18E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	8/13/2012	278.8	1.54E-02	2.99E-03	3.09E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	8/20/2012	278.8	2.61E-02	3.68E-03	3.40E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	8/27/2012	269.8	1.93E-02	3.36E-03	3.39E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	9/3/2012	279.3	1.31E-02	2.97E-03	3.37E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	9/10/2012	278.2	2.40E-02	3.47E-03	3.10E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	9/17/2012	276.6	1.96E-02	3.24E-03	3.08E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	9/24/2012	274.6	2.34E-02	3.52E-03	3.30E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	10/1/2012	276	2.81E-02	3.69E-03	3.12E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	10/8/2012	289.2	2.20E-02	3.37E-03	3.23E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	10/15/2012	281	2.42E-02	3.44E-03	3.01E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	10/22/2012	284.1	2.59E-02	3.62E-03	3.34E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	10/29/2012	284.2	2.47E-02	3.47E-03	3.06E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	11/5/2012	281.5	1.93E-02	3.32E-03	3.39E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	11/12/2012	280.1	2.86E-02	3.61E-03	2.85E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	11/19/2012	278.4	2.68E-02	3.64E-03	3.20E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	11/26/2012	276.5	2.41E-02	3.60E-03	3.43E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	12/3/2012	277.6	3.54E-02	4.06E-03	3.26E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	12/10/2012	281.4	1.55E-02	3.04E-03	3.22E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	12/17/2012	279.1	1.57E-02	3.03E-03	3.14E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	12/24/2012	282.3	2.12E-02	3.35E-03	3.21E-03
204	22.4 MI NNE - SUTTON PLANT (CONTROL)	12/31/2012	271.4	1.65E-02	3.24E-03	3.50E-03
205	0.6 MI SSE - SPOIL POND	1/2/2012	234.1	2.87E-02	4.15E-03	3.73E-03
205	0.6 MI SSE - SPOIL POND	1/9/2012	267.6	2.65E-02	3.76E-03	3.46E-03
205	0.6 MI SSE - SPOIL POND	1/16/2012	269.4	1.83E-02	3.26E-03	3.27E-03
205	0.6 MI SSE - SPOIL POND	1/23/2012	270.5	2.06E-02	3.44E-03	3.45E-03
205	0.6 MI SSE - SPOIL POND	1/30/2012	271.2	1.81E-02	3.29E-03	3.41E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
205	0.6 MI SSE - SPOIL POND	2/6/2012	270.3	1.83E-02	3.24E-03	3.23E-03
205	0.6 MI SSE - SPOIL POND	2/13/2012	263.2	2.23E-02	3.51E-03	3.29E-03
205	0.6 MI SSE - SPOIL POND	2/20/2012	265.3	1.86E-02	3.16E-03	2.90E-03
205	0.6 MI SSE - SPOIL POND	2/27/2012	264.7	2.25E-02	3.49E-03	3.21E-03
205	0.6 MI SSE - SPOIL POND	3/5/2012	293.2	1.50E-02	3.00E-03	3.30E-03
205	0.6 MI SSE - SPOIL POND	3/12/2012	293.7	2.10E-02	3.21E-03	2.97E-03
205	0.6 MI SSE - SPOIL POND	3/19/2012	297.9	1.15E-02	2.53E-03	2.67E-03
205	0.6 MI SSE - SPOIL POND	3/26/2012	298.4	1.44E-02	2.88E-03	3.10E-03
205	0.6 MI SSE - SPOIL POND	4/2/2012	295.5	2.12E-02	3.24E-03	3.06E-03
205	0.6 MI SSE - SPOIL POND	4/9/2012	292.7	1.65E-02	2.89E-03	2.77E-03
205	0.6 MI SSE - SPOIL POND	4/16/2012	291.3	2.04E-02	3.12E-03	2.78E-03
205	0.6 MI SSE - SPOIL POND	4/23/2012	293.4	1.85E-02	3.04E-03	2.87E-03
205	0.6 MI SSE - SPOIL POND	4/30/2012	293.4	2.32E-02	3.41E-03	3.25E-03
205	0.6 MI SSE - SPOIL POND	5/7/2012	296.1	1.36E-02	2.87E-03	3.17E-03
205	0.6 MI SSE - SPOIL POND	5/14/2012	306	1.85E-02	3.10E-03	3.16E-03
205	0.6 MI SSE - SPOIL POND	5/21/2012	294.5	1.35E-02	2.84E-03	3.09E-03
205	0.6 MI SSE - SPOIL POND	5/28/2012	301.6	1.08E-02	2.65E-03	3.09E-03
205	0.6 MI SSE - SPOIL POND	6/4/2012	301.8	1.45E-02	2.87E-03	3.07E-03
205	0.6 MI SSE - SPOIL POND	6/11/2012	281.5	1.37E-02	2.93E-03	3.22E-03
205	0.6 MI SSE - SPOIL POND	6/18/2012	281.1	1.75E-02	3.22E-03	3.40E-03
205	0.6 MI SSE - SPOIL POND	6/25/2012	281	1.33E-02	2.98E-03	3.38E-03
205	0.6 MI SSE - SPOIL POND	7/2/2012	283.8	1.84E-02	3.28E-03	3.44E-03
205	0.6 MI SSE - SPOIL POND	7/9/2012	286.5	2.97E-02	3.61E-03	2.75E-03
205	0.6 MI SSE - SPOIL POND	7/16/2012	282.1	1.51E-02	3.00E-03	3.16E-03
205	0.6 MI SSE - SPOIL POND	7/23/2012	289.7	1.22E-02	2.62E-03	2.72E-03
205	0.6 MI SSE - SPOIL POND	7/30/2012	285.4	1.77E-02	3.05E-03	2.93E-03
205	0.6 MI SSE - SPOIL POND	8/6/2012	286.1	2.00E-02	3.24E-03	3.11E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
205	0.6 MI SSE - SPOIL POND	8/13/2012	283.2	1.30E-02	2.82E-03	3.04E-03
205	0.6 MI SSE - SPOIL POND	8/20/2012	288.1	2.24E-02	3.41E-03	3.29E-03
205	0.6 MI SSE - SPOIL POND	8/27/2012	282	1.48E-02	3.01E-03	3.24E-03
205	0.6 MI SSE - SPOIL POND	9/3/2012	282.9	1.42E-02	3.01E-03	3.33E-03
205	0.6 MI SSE - SPOIL POND	9/10/2012	290.5	2.13E-02	3.24E-03	2.96E-03
205	0.6 MI SSE - SPOIL POND	9/17/2012	271.6	1.63E-02	3.09E-03	3.14E-03
205	0.6 MI SSE - SPOIL POND	9/24/2012	281.6	2.40E-02	3.50E-03	3.22E-03
205	0.6 MI SSE - SPOIL POND	10/1/2012	285.1	2.48E-02	3.45E-03	3.02E-03
205	0.6 MI SSE - SPOIL POND	10/8/2012	289.3	1.92E-02	3.22E-03	3.23E-03
205	0.6 MI SSE - SPOIL POND	10/15/2012	287.3	2.60E-02	3.48E-03	2.94E-03
205	0.6 MI SSE - SPOIL POND	10/22/2012	287.4	1.96E-02	3.28E-03	3.30E-03
205	0.6 MI SSE - SPOIL POND	10/29/2012	288.2	2.48E-02	3.44E-03	3.01E-03
205	0.6 MI SSE - SPOIL POND	11/5/2012	285.7	2.05E-02	3.35E-03	3.34E-03
205	0.6 MI SSE - SPOIL POND	11/12/2012	281.1	2.73E-02	3.54E-03	2.84E-03
205	0.6 MI SSE - SPOIL POND	11/19/2012	281	2.42E-02	3.50E-03	3.17E-03
205	0.6 MI SSE - SPOIL POND	11/26/2012	275.2	2.58E-02	3.69E-03	3.45E-03
205	0.6 MI SSE - SPOIL POND	12/3/2012	281.6	2.98E-02	3.78E-03	3.22E-03
205	0.6 MI SSE - SPOIL POND	12/10/2012	281.6	1.38E-02	2.94E-03	3.22E-03
205	0.6 MI SSE - SPOIL POND	12/17/2012	281.5	1.45E-02	2.94E-03	3.11E-03
205	0.6 MI SSE - SPOIL POND	12/24/2012	277.2	2.54E-02	3.60E-03	3.27E-03
205	0.6 MI SSE - SPOIL POND	12/31/2012	277.1	1.44E-02	3.08E-03	3.42E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	1/2/2012	224.9	3.03E-02	4.34E-03	3.89E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	1/9/2012	259	2.76E-02	3.90E-03	3.57E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	1/16/2012	283.8	2.15E-02	3.32E-03	3.11E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	1/23/2012	285.7	2.46E-02	3.52E-03	3.26E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	1/30/2012	287.5	1.62E-02	3.06E-03	3.22E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	2/6/2012	287.1	2.25E-02	3.33E-03	3.04E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	2/13/2012	283.2	2.39E-02	3.43E-03	3.06E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	2/20/2012	286.2	1.96E-02	3.07E-03	2.69E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	2/27/2012	287	1.96E-02	3.16E-03	2.96E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	3/5/2012	289.2	1.81E-02	3.21E-03	3.34E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	3/12/2012	284.6	2.02E-02	3.24E-03	3.07E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	3/19/2012	290.3	1.65E-02	2.89E-03	2.74E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	3/26/2012	293.7	1.42E-02	2.90E-03	3.15E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	4/2/2012	291.5	2.12E-02	3.27E-03	3.10E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	4/9/2012	287.4	1.80E-02	3.02E-03	2.82E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	4/16/2012	291.4	1.82E-02	3.00E-03	2.78E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	4/23/2012	290.2	1.85E-02	3.06E-03	2.91E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	4/30/2012	290.7	2.20E-02	3.38E-03	3.28E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	5/7/2012	293	1.76E-02	3.11E-03	3.21E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	5/14/2012	291.6	1.78E-02	3.17E-03	3.32E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	5/21/2012	292.5	1.57E-02	2.98E-03	3.11E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	5/28/2012	295	1.35E-02	2.86E-03	3.16E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	6/4/2012	292.1	1.83E-02	3.14E-03	3.18E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	6/11/2012	292.5	1.24E-02	2.78E-03	3.10E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	6/18/2012	291.3	1.64E-02	3.09E-03	3.28E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	6/25/2012	293.4	1.64E-02	3.06E-03	3.23E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	7/2/2012	300.3	1.90E-02	3.18E-03	3.25E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	7/9/2012	287.4	3.16E-02	3.69E-03	2.74E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	7/16/2012	293.7	1.28E-02	2.77E-03	3.03E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	7/23/2012	293.8	1.30E-02	2.65E-03	2.68E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	7/30/2012	293.7	1.79E-02	3.00E-03	2.85E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	8/6/2012	294.1	2.11E-02	3.24E-03	3.03E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	8/13/2012	293.1	1.39E-02	2.80E-03	2.94E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Analysis: Beta

Quantity: cubic meters

Activity: pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>	
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	8/20/2012	292.8	2.58E-02	3.54E-03	3.24E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	8/27/2012	291.3	1.80E-02	3.12E-03	3.14E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	9/3/2012	292.6	1.21E-02	2.81E-03	3.22E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	9/10/2012	291.3	2.02E-02	3.17E-03	2.96E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	9/17/2012	289.2	1.78E-02	3.05E-03	2.95E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	9/24/2012	288.7	2.15E-02	3.31E-03	3.14E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	10/1/2012	288.9	2.38E-02	3.38E-03	2.98E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	10/8/2012	286.8	1.98E-02	3.27E-03	3.26E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	10/15/2012	279	2.42E-02	3.45E-03	3.03E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	10/22/2012	281.4	2.32E-02	3.51E-03	3.37E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	10/29/2012	281.7	2.22E-02	3.36E-03	3.08E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	11/5/2012	280.6	2.48E-02	3.61E-03	3.41E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	11/12/2012	279	2.68E-02	3.53E-03	2.86E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	11/19/2012	277.8	2.59E-02	3.61E-03	3.21E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	11/26/2012	277.4	2.65E-02	3.71E-03	3.42E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	12/3/2012	277.3	3.15E-02	3.89E-03	3.27E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	12/10/2012	280.4	1.76E-02	3.17E-03	3.23E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	12/17/2012	278.9	1.54E-02	3.01E-03	3.14E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	12/24/2012	280.9	2.20E-02	3.40E-03	3.23E-03
206	11.3 MI NW - BRUNSWICK COUNTY COMPLEX (	12/31/2012	270.4	1.63E-02	3.24E-03	3.51E-03

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Fish and Invertebrate

Quantity: Grams

Concentration (Activity): pCi/Gram

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Efficiency</i>	<i>Activity</i>	<i>LLD</i>
706 NANCY'S CREEK - FREE SWIMMERS	8/28/2012	1000		<LLD	3.99E-01
707 NANCY'S CREEK - BOTTOM FEEDERS	8/28/2012	1000		<LLD	4.02E-01
708 NANCY'S CREEK - SH/BO*	8/28/2012	1000		<LLD	4.49E-01

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Ground Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
404	WELL ESS-1B, 0.16 MILES SW	1/16/2012	1	<MDA 2.43E+02
404	WELL ESS-1B, 0.16 MILES SW	4/4/2012	1	<MDA 2.44E+02
404	WELL ESS-1B, 0.16 MILES SW	7/11/2012	1	<MDA 2.41E+02
404	WELL ESS-1B, 0.16 MILES SW	10/4/2012	1	<MDA 2.72E+02
407	WELL ESS-13B, 0.06 MILES ENE	1/23/2012	1	<MDA 2.38E+02
407	WELL ESS-13B, 0.06 MILES ENE	4/9/2012	1	<MDA 2.39E+02
407	WELL ESS-13B, 0.06 MILES ENE	7/12/2012	1	4.37E+02
407	WELL ESS-13B, 0.06 MILES ENE	7/24/2012	1	3.99E+02
407	WELL ESS-13B, 0.06 MILES ENE	10/17/2012	1	3.65E+02
409	WELL ESS-17A, 0.65 MILES NE	3/1/2012	1	<MDA 2.48E+02
409	WELL ESS-17A, 0.65 MILES NE	6/7/2012	1	<MDA 2.40E+02
409	WELL ESS-17A, 0.65 MILES NE	9/6/2012	1	<MDA 2.62E+02
409	WELL ESS-17A, 0.65 MILES NE	12/10/2012	1	<MDA 2.62E+02
410	WELL ESS-17B, 0.65 MILES NE	3/1/2012	1	<MDA 2.48E+02
410	WELL ESS-17B, 0.65 MILES NE	6/7/2012	1	<MDA 2.43E+02
410	WELL ESS-17B, 0.65 MILES NE	9/6/2012	1	<MDA 2.62E+02
410	WELL ESS-17B, 0.65 MILES NE	12/10/2012	1	<MDA 2.62E+02
418	WELL ESS-21B, NEAR SDSP	1/12/2012	1	<MDA 2.41E+02
418	WELL ESS-21B, NEAR SDSP	4/4/2012	1	<MDA 2.43E+02
418	WELL ESS-21B, NEAR SDSP	6/7/2012	1	<MDA 2.46E+02
418	WELL ESS-21B, NEAR SDSP	9/13/2012	1	<MDA 2.74E+02
418	WELL ESS-21B, NEAR SDSP	12/10/2012	1	<MDA 2.76E+02
423	WELL ESS-24A, NEAR SDSP	4/11/2012	1	<MDA 2.41E+02
423	WELL ESS-24A, NEAR SDSP	7/3/2012	1	<MDA 2.34E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Ground Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
423	WELL ESS-24A, NEAR SDSP	10/3/2012	1	<MDA	2.66E+02
424	WELL ESS-24B, NEAR SDSP	4/11/2012	1	<MDA	2.42E+02
424	WELL ESS-24B, NEAR SDSP	7/3/2012	1	<MDA	2.35E+02
424	WELL ESS-24B, NEAR SDSP	10/3/2012	1	<MDA	2.77E+02
426	WELL ESS-25B, NEAR SDSP	3/8/2012	1	<MDA	2.42E+02
426	WELL ESS-25B, NEAR SDSP	6/19/2012	1	<MDA	2.36E+02
426	WELL ESS-25B, NEAR SDSP	9/13/2012	1	<MDA	2.66E+02
426	WELL ESS-25B, NEAR SDSP	12/27/2012	1	<MDA	2.70E+02
429	WELL ESS-27A, NEAR SDSP	3/1/2012	1	<MDA	2.51E+02
429	WELL ESS-27A, NEAR SDSP	6/6/2012	1	<MDA	2.44E+02
429	WELL ESS-27A, NEAR SDSP	9/12/2012	1	<MDA	2.50E+02
429	WELL ESS-27A, NEAR SDSP	12/5/2012	1	<MDA	2.76E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	1/23/2012	1	<MDA	2.40E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	2/20/2012	1	<MDA	2.27E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	3/15/2012	1	<MDA	2.37E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	4/12/2012	1	<MDA	2.45E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	5/7/2012	1	<MDA	2.48E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	6/14/2012	1	<MDA	2.31E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	7/12/2012	1	<MDA	2.41E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	8/20/2012	1	<MDA	2.57E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	9/20/2012	1	<MDA	2.68E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	10/10/2012	1	<MDA	2.70E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	11/8/2012	1	<MDA	2.73E+02
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	12/13/2012	1	3.53E+02	

BSEP Radiological Environmental Monitoring Hard-To-Detect Analysis Report

Media Type: Shoreline Sediment

Quantity: GRAMS

Concentration (Activity): pCi/gm

<i>Sample Point</i>	<i>Sample Date</i>	<i>Analysis</i>	<i>Activity</i>	<i>2 Sigma Error</i>	<i>LLD</i>
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	SR-90	<LLD		2.00E+00
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	SR-89	<LLD		2.00E+00
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	FE-55	<LLD		2.00E+01
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	12/4/2012	SR-89	<LLD		2.00E+00
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	12/4/2012	FE-55	<LLD		2.00E+01
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	12/4/2012	SR-90	<LLD		2.00E+00

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

Sample Point	Sample Date	Quantity	Activity	LLD
400 0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	0.005	<LLD	2.25E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	0.005	<LLD	2.30E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	0.005	<LLD	2.30E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	0.005	<LLD	2.30E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	0.005	<LLD	2.29E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	0.005	<LLD	2.31E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	0.005	<LLD	2.32E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	0.005	<LLD	2.33E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	0.005	<LLD	2.29E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	0.005	<LLD	2.37E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	0.005	<LLD	2.33E+02
400 0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	0.005	<LLD	2.38E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	0.005	2.87E+02	2.25E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	0.005	<LLD	2.32E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	0.005	3.81E+02	2.29E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	0.005	5.38E+02	2.31E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	0.005	<LLD	2.28E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	0.005	<LLD	2.31E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	0.005	<LLD	2.32E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	0.005	<LLD	2.32E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	0.005	3.13E+02	2.29E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	0.005	<LLD	2.35E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	0.005	2.49E+02	2.33E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	0.005	<LLD	2.37E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

Sample Point	Sample Date	Quantity	Activity	LLD
494 NANCY'S CREEK - WP-106	1/3/2012	1	<LLD	2.48E+02
494 NANCY'S CREEK - WP-106	1/10/2012	1	<LLD	2.49E+02
494 NANCY'S CREEK - WP-106	1/17/2012	1	<LLD	2.38E+02
494 NANCY'S CREEK - WP-106	1/24/2012	1	<LLD	2.40E+02
494 NANCY'S CREEK - WP-106	2/2/2012	1	9.57E+02	
494 NANCY'S CREEK - WP-106	2/7/2012	1	<LLD	2.60E+02
494 NANCY'S CREEK - WP-106	2/14/2012	1	<LLD	2.46E+02
494 NANCY'S CREEK - WP-106	2/21/2012	1	<LLD	2.42E+02
494 NANCY'S CREEK - WP-106	2/28/2012	1	<LLD	2.49E+02
494 NANCY'S CREEK - WP-106	3/6/2012	1	<LLD	2.52E+02
494 NANCY'S CREEK - WP-106	3/13/2012	1	<LLD	2.45E+02
494 NANCY'S CREEK - WP-106	3/20/2012	1	<LLD	2.36E+02
494 NANCY'S CREEK - WP-106	3/27/2012	1	<LLD	2.40E+02
494 NANCY'S CREEK - WP-106	4/3/2012	1	<LLD	2.39E+02
494 NANCY'S CREEK - WP-106	4/10/2012	1	<LLD	2.34E+02
494 NANCY'S CREEK - WP-106	4/17/2012	1	2.87E+02	
494 NANCY'S CREEK - WP-106	4/23/2012	1	<LLD	2.39E+02
494 NANCY'S CREEK - WP-106	4/30/2012	1	<LLD	2.38E+02
494 NANCY'S CREEK - WP-106	5/8/2012	1	<LLD	2.46E+02
494 NANCY'S CREEK - WP-106	5/14/2012	1	<LLD	2.35E+02
494 NANCY'S CREEK - WP-106	5/21/2012	1	<LLD	2.36E+02
494 NANCY'S CREEK - WP-106	5/29/2012	1	<LLD	2.44E+02
494 NANCY'S CREEK - WP-106	6/5/2012	1	<LLD	2.36E+02
494 NANCY'S CREEK - WP-106	6/12/2012	1	<LLD	2.41E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
494	NANCY'S CREEK - WP-106	6/19/2012	1	<LLD 2.30E+02
494	NANCY'S CREEK - WP-106	6/26/2012	1	<LLD 2.41E+02
494	NANCY'S CREEK - WP-106	7/3/2012	1	<LLD 2.35E+02
494	NANCY'S CREEK - WP-106	7/10/2012	1	<LLD 2.41E+02
494	NANCY'S CREEK - WP-106	7/17/2012	1	<LLD 2.43E+02
494	NANCY'S CREEK - WP-106	7/24/2012	1	<LLD 2.35E+02
494	NANCY'S CREEK - WP-106	7/31/2012	1	<LLD 2.37E+02
494	NANCY'S CREEK - WP-106	8/6/2012	1	<LLD 2.71E+02
494	NANCY'S CREEK - WP-106	8/14/2012	1	<LLD 2.64E+02
494	NANCY'S CREEK - WP-106	8/20/2012	1	<LLD 2.65E+02
494	NANCY'S CREEK - WP-106	8/28/2012	1	<LLD 2.63E+02
494	NANCY'S CREEK - WP-106	9/4/2012	1	<LLD 2.57E+02
494	NANCY'S CREEK - WP-106	9/12/2012	1	<LLD 2.63E+02
494	NANCY'S CREEK - WP-106	9/18/2012	1	<LLD 2.58E+02
494	NANCY'S CREEK - WP-106	9/26/2012	1	<LLD 2.64E+02
494	NANCY'S CREEK - WP-106	10/2/2012	1	5.24E+02
494	NANCY'S CREEK - WP-106	10/9/2012	1	<LLD 2.50E+02
494	NANCY'S CREEK - WP-106	10/16/2012	1	<LLD 2.36E+02
494	NANCY'S CREEK - WP-106	10/23/2012	1	<LLD 2.75E+02
494	NANCY'S CREEK - WP-106	10/31/2012	1	<LLD 2.68E+02
494	NANCY'S CREEK - WP-106	11/7/2012	1	<LLD 2.73E+02
494	NANCY'S CREEK - WP-106	11/13/2012	1	<LLD 2.67E+02
494	NANCY'S CREEK - WP-106	11/20/2012	1	<LLD 2.71E+02
494	NANCY'S CREEK - WP-106	11/27/2012	1	<LLD 2.75E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
494	NANCY'S CREEK - WP-106	12/4/2012	1	<LLD	3.30E+02
494	NANCY'S CREEK - WP-106	12/11/2012	1	3.78E+02	
494	NANCY'S CREEK - WP-106	12/18/2012	1	<LLD	2.67E+02
494	NANCY'S CREEK - WP-106	12/26/2012	1	3.56E+02	
494	NANCY'S CREEK - WP-106	12/31/2012	1	<LLD	2.72E+02
495	NANCY'S CREEK - WP-52	1/3/2012	1	<LLD	2.49E+02
495	NANCY'S CREEK - WP-52	1/10/2012	1	<LLD	2.51E+02
495	NANCY'S CREEK - WP-52	1/17/2012	1	<LLD	2.49E+02
495	NANCY'S CREEK - WP-52	1/24/2012	1	<LLD	2.38E+02
495	NANCY'S CREEK - WP-52	2/2/2012	1	<LLD	2.53E+02
495	NANCY'S CREEK - WP-52	2/7/2012	1	<LLD	2.53E+02
495	NANCY'S CREEK - WP-52	2/14/2012	1	<LLD	2.23E+02
495	NANCY'S CREEK - WP-52	2/21/2012	1	<LLD	2.32E+02
495	NANCY'S CREEK - WP-52	2/28/2012	1	<LLD	2.50E+02
495	NANCY'S CREEK - WP-52	3/6/2012	1	<LLD	2.26E+02
495	NANCY'S CREEK - WP-52	3/13/2012	1	<LLD	2.37E+02
495	NANCY'S CREEK - WP-52	3/20/2012	1	<LLD	2.35E+02
495	NANCY'S CREEK - WP-52	3/27/2012	1	<LLD	2.40E+02
495	NANCY'S CREEK - WP-52	4/3/2012	1	<LLD	2.41E+02
495	NANCY'S CREEK - WP-52	4/10/2012	1	<LLD	2.39E+02
495	NANCY'S CREEK - WP-52	4/17/2012	1	<LLD	2.39E+02
495	NANCY'S CREEK - WP-52	4/23/2012	1	<LLD	2.37E+02
495	NANCY'S CREEK - WP-52	4/30/2012	1	<LLD	2.38E+02
495	NANCY'S CREEK - WP-52	5/8/2012	1	<LLD	2.38E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
495 NANCY'S CREEK - WP-52	5/14/2012	1	<LLD	2.38E+02
495 NANCY'S CREEK - WP-52	5/21/2012	1	<LLD	2.38E+02
495 NANCY'S CREEK - WP-52	5/29/2012	1	<LLD	2.35E+02
495 NANCY'S CREEK - WP-52	6/5/2012	1	<LLD	2.40E+02
495 NANCY'S CREEK - WP-52	6/12/2012	1	<LLD	2.32E+02
495 NANCY'S CREEK - WP-52	6/19/2012	1	<LLD	2.33E+02
495 NANCY'S CREEK - WP-52	6/26/2012	1	<LLD	2.44E+02
495 NANCY'S CREEK - WP-52	7/3/2012	1	<LLD	2.49E+02
495 NANCY'S CREEK - WP-52	7/10/2012	1	<LLD	2.41E+02
495 NANCY'S CREEK - WP-52	7/17/2012	1	<LLD	2.40E+02
495 NANCY'S CREEK - WP-52	7/24/2012	1	<LLD	2.36E+02
495 NANCY'S CREEK - WP-52	7/31/2012	1	<LLD	2.28E+02
495 NANCY'S CREEK - WP-52	8/6/2012	1	<LLD	2.28E+02
495 NANCY'S CREEK - WP-52	8/14/2012	1	<LLD	2.68E+02
495 NANCY'S CREEK - WP-52	8/20/2012	1	<LLD	2.71E+02
495 NANCY'S CREEK - WP-52	8/28/2012	1	<LLD	2.64E+02
495 NANCY'S CREEK - WP-52	9/4/2012	1	<LLD	2.65E+02
495 NANCY'S CREEK - WP-52	9/12/2012	1	<LLD	2.61E+02
495 NANCY'S CREEK - WP-52	9/18/2012	1	<LLD	2.57E+02
495 NANCY'S CREEK - WP-52	9/26/2012	1	<LLD	2.59E+02
495 NANCY'S CREEK - WP-52	10/2/2012	1	<LLD	2.65E+02
495 NANCY'S CREEK - WP-52	10/9/2012	1	<LLD	2.63E+02
495 NANCY'S CREEK - WP-52	10/16/2012	1	<LLD	2.52E+02
495 NANCY'S CREEK - WP-52	10/23/2012	1	<LLD	2.40E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
495	NANCY'S CREEK - WP-52	10/31/2012	1	<LLD 2.64E+02
495	NANCY'S CREEK - WP-52	11/7/2012	1	<LLD 2.71E+02
495	NANCY'S CREEK - WP-52	11/13/2012	1	<LLD 2.67E+02
495	NANCY'S CREEK - WP-52	11/20/2012	1	<LLD 2.67E+02
495	NANCY'S CREEK - WP-52	11/27/2012	1	<LLD 2.64E+02
495	NANCY'S CREEK - WP-52	12/4/2012	1	<LLD 2.88E+02
495	NANCY'S CREEK - WP-52	12/11/2012	1	<LLD 2.77E+02
495	NANCY'S CREEK - WP-52	12/18/2012	1	<LLD 2.87E+02
495	NANCY'S CREEK - WP-52	12/26/2012	1	<LLD 2.67E+02
495	NANCY'S CREEK - WP-52	12/31/2012	1	<LLD 2.68E+02
496	NANCY'S CREEK - WP-53	1/3/2012	1	<LLD 2.46E+02
496	NANCY'S CREEK - WP-53	1/10/2012	1	<LLD 2.52E+02
496	NANCY'S CREEK - WP-53	1/17/2012	1	<LLD 2.56E+02
496	NANCY'S CREEK - WP-53	1/24/2012	1	<LLD 2.42E+02
496	NANCY'S CREEK - WP-53	2/2/2012	1	<LLD 2.54E+02
496	NANCY'S CREEK - WP-53	2/7/2012	1	<LLD 2.48E+02
496	NANCY'S CREEK - WP-53	2/14/2012	1	<LLD 2.24E+02
496	NANCY'S CREEK - WP-53	2/21/2012	1	<LLD 2.32E+02
496	NANCY'S CREEK - WP-53	2/28/2012	1	<LLD 2.50E+02
496	NANCY'S CREEK - WP-53	3/6/2012	1	<LLD 2.51E+02
496	NANCY'S CREEK - WP-53	3/13/2012	1	<LLD 2.34E+02
496	NANCY'S CREEK - WP-53	3/20/2012	1	<LLD 2.34E+02
496	NANCY'S CREEK - WP-53	3/27/2012	1	<LLD 2.40E+02
496	NANCY'S CREEK - WP-53	4/3/2012	1	<LLD 2.45E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
496 NANCY'S CREEK - WP-53	4/10/2012	1	<LLD	2.38E+02
496 NANCY'S CREEK - WP-53	4/17/2012	1	<LLD	2.38E+02
496 NANCY'S CREEK - WP-53	4/23/2012	1	<LLD	2.37E+02
496 NANCY'S CREEK - WP-53	4/30/2012	1	<LLD	2.37E+02
496 NANCY'S CREEK - WP-53	5/8/2012	1	<LLD	2.37E+02
496 NANCY'S CREEK - WP-53	5/14/2012	1	<LLD	2.40E+02
496 NANCY'S CREEK - WP-53	5/21/2012	1	<LLD	2.36E+02
496 NANCY'S CREEK - WP-53	5/29/2012	1	<LLD	2.35E+02
496 NANCY'S CREEK - WP-53	6/5/2012	1	<LLD	2.39E+02
496 NANCY'S CREEK - WP-53	6/12/2012	1	<LLD	2.32E+02
496 NANCY'S CREEK - WP-53	6/19/2012	1	<LLD	2.34E+02
496 NANCY'S CREEK - WP-53	6/26/2012	1	<LLD	2.42E+02
496 NANCY'S CREEK - WP-53	7/3/2012	1	<LLD	2.48E+02
496 NANCY'S CREEK - WP-53	7/10/2012	1	<LLD	2.41E+02
496 NANCY'S CREEK - WP-53	7/17/2012	1	<LLD	2.42E+02
496 NANCY'S CREEK - WP-53	7/24/2012	1	<LLD	2.34E+02
496 NANCY'S CREEK - WP-53	7/31/2012	1	<LLD	2.30E+02
496 NANCY'S CREEK - WP-53	8/6/2012	1	<LLD	2.30E+02
496 NANCY'S CREEK - WP-53	8/14/2012	1	<LLD	2.71E+02
496 NANCY'S CREEK - WP-53	8/20/2012	1	<LLD	2.69E+02
496 NANCY'S CREEK - WP-53	8/28/2012	1	<LLD	2.62E+02
496 NANCY'S CREEK - WP-53	9/4/2012	1	<LLD	2.64E+02
496 NANCY'S CREEK - WP-53	9/12/2012	1	<LLD	2.65E+02
496 NANCY'S CREEK - WP-53	9/18/2012	1	<LLD	2.71E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
496	NANCY'S CREEK - WP-53	9/26/2012	1	<LLD	2.58E+02
496	NANCY'S CREEK - WP-53	10/2/2012	1	<LLD	2.67E+02
496	NANCY'S CREEK - WP-53	10/9/2012	1	<LLD	2.69E+02
496	NANCY'S CREEK - WP-53	10/16/2012	1	<LLD	2.57E+02
496	NANCY'S CREEK - WP-53	10/23/2012	1	<LLD	2.39E+02
496	NANCY'S CREEK - WP-53	10/31/2012	1	<LLD	2.62E+02
496	NANCY'S CREEK - WP-53	11/7/2012	1	<LLD	2.69E+02
496	NANCY'S CREEK - WP-53	11/13/2012	1	<LLD	2.66E+02
496	NANCY'S CREEK - WP-53	11/20/2012	1	<LLD	2.66E+02
496	NANCY'S CREEK - WP-53	11/27/2012	1	<LLD	2.63E+02
496	NANCY'S CREEK - WP-53	12/4/2012	1	<LLD	2.88E+02
496	NANCY'S CREEK - WP-53	12/11/2012	1	<LLD	2.77E+02
496	NANCY'S CREEK - WP-53	12/18/2012	1	<LLD	2.67E+02
496	NANCY'S CREEK - WP-53	12/26/2012	1	<LLD	2.68E+02
496	NANCY'S CREEK - WP-53	12/31/2012	1	<LLD	2.73E+02
497	NANCY'S CREEK - WP-55	1/3/2012	1	<LLD	2.46E+02
497	NANCY'S CREEK - WP-55	1/10/2012	1	<LLD	2.53E+02
497	NANCY'S CREEK - WP-55	1/17/2012	1	<LLD	2.39E+02
497	NANCY'S CREEK - WP-55	1/24/2012	1	<LLD	2.44E+02
497	NANCY'S CREEK - WP-55	2/2/2012	1	<LLD	2.54E+02
497	NANCY'S CREEK - WP-55	2/7/2012	1	<LLD	2.47E+02
497	NANCY'S CREEK - WP-55	2/14/2012	1	<LLD	2.23E+02
497	NANCY'S CREEK - WP-55	2/21/2012	1	<LLD	2.29E+02
497	NANCY'S CREEK - WP-55	2/28/2012	1	<LLD	2.45E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
497 NANCY'S CREEK - WP-55	3/6/2012	1	<LLD	2.44E+02
497 NANCY'S CREEK - WP-55	3/13/2012	1	<LLD	2.34E+02
497 NANCY'S CREEK - WP-55	3/20/2012	1	<LLD	2.37E+02
497 NANCY'S CREEK - WP-55	3/27/2012	1	<LLD	2.39E+02
497 NANCY'S CREEK - WP-55	4/3/2012	1	<LLD	2.38E+02
497 NANCY'S CREEK - WP-55	4/10/2012	1	<LLD	2.40E+02
497 NANCY'S CREEK - WP-55	4/17/2012	1	<LLD	2.40E+02
497 NANCY'S CREEK - WP-55	4/23/2012	1	<LLD	2.39E+02
497 NANCY'S CREEK - WP-55	4/30/2012	1	<LLD	2.46E+02
497 NANCY'S CREEK - WP-55	5/8/2012	1	<LLD	2.37E+02
497 NANCY'S CREEK - WP-55	5/14/2012	1	<LLD	2.40E+02
497 NANCY'S CREEK - WP-55	5/21/2012	1	<LLD	2.36E+02
497 NANCY'S CREEK - WP-55	5/29/2012	1	<LLD	2.35E+02
497 NANCY'S CREEK - WP-55	6/5/2012	1	<LLD	2.38E+02
497 NANCY'S CREEK - WP-55	6/12/2012	1	<LLD	2.35E+02
497 NANCY'S CREEK - WP-55	6/19/2012	1	<LLD	2.36E+02
497 NANCY'S CREEK - WP-55	6/26/2012	1	<LLD	2.44E+02
497 NANCY'S CREEK - WP-55	7/3/2012	1	<LLD	2.43E+02
497 NANCY'S CREEK - WP-55	7/10/2012	1	<LLD	2.40E+02
497 NANCY'S CREEK - WP-55	7/17/2012	1	<LLD	2.39E+02
497 NANCY'S CREEK - WP-55	7/24/2012	1	<LLD	2.36E+02
497 NANCY'S CREEK - WP-55	7/31/2012	1	<LLD	2.28E+02
497 NANCY'S CREEK - WP-55	8/6/2012	1	<LLD	2.27E+02
497 NANCY'S CREEK - WP-55	8/14/2012	1	<LLD	2.72E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
497	NANCY'S CREEK - WP-55	8/20/2012	1	<LLD 2.59E+02
497	NANCY'S CREEK - WP-55	8/28/2012	1	<LLD 2.64E+02
497	NANCY'S CREEK - WP-55	9/4/2012	1	<LLD 2.62E+02
497	NANCY'S CREEK - WP-55	9/12/2012	1	<LLD 2.57E+02
497	NANCY'S CREEK - WP-55	9/18/2012	1	<LLD 3.22E+02
497	NANCY'S CREEK - WP-55	9/26/2012	1	<LLD 2.58E+02
497	NANCY'S CREEK - WP-55	10/2/2012	1	<LLD 2.65E+02
497	NANCY'S CREEK - WP-55	10/9/2012	1	<LLD 2.71E+02
497	NANCY'S CREEK - WP-55	10/16/2012	1	<LLD 2.36E+02
497	NANCY'S CREEK - WP-55	10/23/2012	1	<LLD 2.40E+02
497	NANCY'S CREEK - WP-55	10/31/2012	1	<LLD 2.68E+02
497	NANCY'S CREEK - WP-55	11/7/2012	1	<LLD 2.69E+02
497	NANCY'S CREEK - WP-55	11/13/2012	1	<LLD 2.65E+02
497	NANCY'S CREEK - WP-55	11/20/2012	1	<LLD 2.67E+02
497	NANCY'S CREEK - WP-55	11/27/2012	1	<LLD 2.64E+02
497	NANCY'S CREEK - WP-55	12/4/2012	1	<LLD 2.84E+02
497	NANCY'S CREEK - WP-55	12/11/2012	1	<LLD 2.66E+02
497	NANCY'S CREEK - WP-55	12/18/2012	1	<LLD 2.64E+02
497	NANCY'S CREEK - WP-55	12/26/2012	1	4.81E+02
497	NANCY'S CREEK - WP-55	12/31/2012	1	<LLD 2.72E+02
498	NANCY'S CREEK - WP-57	1/3/2012	1	<LLD 2.32E+02
498	NANCY'S CREEK - WP-57	1/10/2012	1	<LLD 2.52E+02
498	NANCY'S CREEK - WP-57	1/17/2012	1	<LLD 2.54E+02
498	NANCY'S CREEK - WP-57	1/24/2012	1	<LLD 2.46E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
498 NANCY'S CREEK - WP-57	2/2/2012	1	<LLD	2.50E+02
498 NANCY'S CREEK - WP-57	2/7/2012	1	<LLD	2.44E+02
498 NANCY'S CREEK - WP-57	2/14/2012	1	<LLD	2.23E+02
498 NANCY'S CREEK - WP-57	2/21/2012	1	<LLD	2.29E+02
498 NANCY'S CREEK - WP-57	2/28/2012	1	<LLD	2.46E+02
498 NANCY'S CREEK - WP-57	3/6/2012	1	<LLD	2.56E+02
498 NANCY'S CREEK - WP-57	3/13/2012	1	<LLD	2.38E+02
498 NANCY'S CREEK - WP-57	3/20/2012	1	<LLD	2.35E+02
498 NANCY'S CREEK - WP-57	3/27/2012	1	<LLD	2.40E+02
498 NANCY'S CREEK - WP-57	4/3/2012	1	<LLD	2.38E+02
498 NANCY'S CREEK - WP-57	4/10/2012	1	<LLD	2.40E+02
498 NANCY'S CREEK - WP-57	4/17/2012	1	<LLD	2.38E+02
498 NANCY'S CREEK - WP-57	4/23/2012	1	<LLD	2.36E+02
498 NANCY'S CREEK - WP-57	4/30/2012	1	<LLD	2.36E+02
498 NANCY'S CREEK - WP-57	5/8/2012	1	<LLD	2.45E+02
498 NANCY'S CREEK - WP-57	5/14/2012	1	<LLD	2.40E+02
498 NANCY'S CREEK - WP-57	5/21/2012	1	<LLD	2.36E+02
498 NANCY'S CREEK - WP-57	5/29/2012	1	<LLD	2.42E+02
498 NANCY'S CREEK - WP-57	6/5/2012	1	<LLD	2.38E+02
498 NANCY'S CREEK - WP-57	6/12/2012	1	<LLD	2.36E+02
498 NANCY'S CREEK - WP-57	6/19/2012	1	<LLD	2.29E+02
498 NANCY'S CREEK - WP-57	6/26/2012	1	<LLD	2.42E+02
498 NANCY'S CREEK - WP-57	7/3/2012	1	<LLD	2.38E+02
498 NANCY'S CREEK - WP-57	7/10/2012	1	<LLD	2.41E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
498	NANCY'S CREEK - WP-57	7/17/2012	1	<LLD	2.39E+02
498	NANCY'S CREEK - WP-57	7/24/2012	1	<LLD	2.36E+02
498	NANCY'S CREEK - WP-57	7/31/2012	1	<LLD	2.31E+02
498	NANCY'S CREEK - WP-57	8/6/2012	1	<LLD	2.34E+02
498	NANCY'S CREEK - WP-57	8/14/2012	1	<LLD	2.72E+02
498	NANCY'S CREEK - WP-57	8/20/2012	1	<LLD	2.60E+02
498	NANCY'S CREEK - WP-57	8/28/2012	1	<LLD	2.67E+02
498	NANCY'S CREEK - WP-57	9/4/2012	1	<LLD	2.63E+02
498	NANCY'S CREEK - WP-57	9/12/2012	1	<LLD	2.60E+02
498	NANCY'S CREEK - WP-57	9/18/2012	1	<LLD	2.57E+02
498	NANCY'S CREEK - WP-57	9/26/2012	1	<LLD	2.59E+02
498	NANCY'S CREEK - WP-57	10/2/2012	1	<LLD	2.66E+02
498	NANCY'S CREEK - WP-57	10/9/2012	1	<LLD	2.69E+02
498	NANCY'S CREEK - WP-57	10/16/2012	1	<LLD	2.39E+02
498	NANCY'S CREEK - WP-57	10/23/2012	1	<LLD	2.38E+02
498	NANCY'S CREEK - WP-57	10/31/2012	1	<LLD	2.70E+02
498	NANCY'S CREEK - WP-57	11/7/2012	1	<LLD	2.69E+02
498	NANCY'S CREEK - WP-57	11/13/2012	1	<LLD	2.67E+02
498	NANCY'S CREEK - WP-57	11/20/2012	1	<LLD	2.67E+02
498	NANCY'S CREEK - WP-57	11/27/2012	1	<LLD	2.68E+02
498	NANCY'S CREEK - WP-57	12/4/2012	1	<LLD	2.85E+02
498	NANCY'S CREEK - WP-57	12/11/2012	1	<LLD	2.62E+02
498	NANCY'S CREEK - WP-57	12/18/2012	1	<LLD	2.63E+02
498	NANCY'S CREEK - WP-57	12/26/2012	1	1.07E+03	

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
498 NANCY'S CREEK - WP-57	12/31/2012	1	<LLD	2.74E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	1/3/2012	1	<LLD	2.44E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	1/10/2012	1	<LLD	2.48E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	1/17/2012	1	<LLD	2.51E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	1/24/2012	1	<LLD	2.42E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	2/2/2012	1	<LLD	2.52E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	<LLD	2.43E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	2/14/2012	1	<LLD	2.20E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	2/21/2012	1	<LLD	2.32E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	2/28/2012	1	<LLD	2.50E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	3/6/2012	1	<LLD	2.38E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	3/13/2012	1	<LLD	2.32E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	3/20/2012	1	<LLD	2.34E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	3/27/2012	1	<LLD	2.45E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	4/3/2012	1	<LLD	2.37E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	4/10/2012	1	<LLD	2.39E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	4/17/2012	1	<LLD	2.37E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	4/23/2012	1	<LLD	2.37E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	4/30/2012	1	<LLD	2.37E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	5/8/2012	1	<LLD	2.44E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	5/14/2012	1	<LLD	2.38E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	5/21/2012	1	<LLD	2.36E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	5/29/2012	1	<LLD	2.35E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	6/5/2012	1	<LLD	2.37E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
499 CAPE FEAR RIVER - WP-61 - CONTROL	6/12/2012	1	<LLD	2.29E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	6/19/2012	1	<LLD	2.32E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	6/26/2012	1	<LLD	2.43E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	7/3/2012	1	<LLD	2.41E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	7/10/2012	1	<LLD	2.39E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	7/17/2012	1	<LLD	2.40E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	7/24/2012	1	<LLD	2.38E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	7/31/2012	1	<LLD	2.31E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	8/6/2012	1	<LLD	2.32E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	8/14/2012	1	<LLD	2.70E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	8/20/2012	1	<LLD	2.63E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	8/28/2012	1	<LLD	2.63E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	9/4/2012	1	<LLD	2.57E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	9/12/2012	1	<LLD	2.60E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	9/18/2012	1	<LLD	2.56E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	9/26/2012	1	<LLD	2.71E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	10/2/2012	1	<LLD	2.62E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	10/9/2012	1	<LLD	2.68E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	10/16/2012	1	<LLD	2.38E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	10/23/2012	1	<LLD	2.48E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	10/31/2012	1	<LLD	2.68E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	11/7/2012	1	<LLD	2.69E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	11/13/2012	1	<LLD	2.66E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	11/20/2012	1	<LLD	2.66E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

Sample Point	Sample Date	Quantity	Activity	LLD
499 CAPE FEAR RIVER - WP-61 - CONTROL	11/27/2012	1	<LLD	2.69E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	<LLD	2.84E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	12/11/2012	1	<LLD	2.60E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	12/18/2012	1	<LLD	2.72E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	12/26/2012	1	<LLD	2.78E+02
499 CAPE FEAR RIVER - WP-61 - CONTROL	12/31/2012	1	<LLD	2.74E+02
604 NANCY'S CREEK MARSH AREA --WP-92	1/3/2012	1	3.25E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	3.26E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	1/17/2012	1	8.68E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	5.25E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	3.80E+03	
604 NANCY'S CREEK MARSH AREA --WP-92	2/7/2012	1	<LLD	2.59E+02
604 NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	<LLD	2.46E+02
604 NANCY'S CREEK MARSH AREA --WP-92	2/21/2012	1	3.25E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	2/28/2012	1	4.68E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	3/6/2012	1	3.48E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	3/13/2012	1	3.08E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	3.09E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	3/27/2012	1	3.09E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	3.63E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	<LLD	2.35E+02
604 NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	3.82E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	<LLD	2.36E+02
604 NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	2.55E+02	

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
604 NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	<LLD	2.45E+02
604 NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	3.10E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	5/21/2012	1	4.51E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	1.21E+03	
604 NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	<LLD	2.32E+02
604 NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	<LLD	2.42E+02
604 NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	<LLD	2.36E+02
604 NANCY'S CREEK MARSH AREA --WP-92	6/26/2012	1	<LLD	2.42E+02
604 NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	3.54E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	2.95E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	8.08E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	<LLD	2.36E+02
604 NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	8.11E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	3.16E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	5.85E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	3.16E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	3.73E+03	
604 NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	1.87E+03	
604 NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	5.69E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	2.75E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	4.24E+02	
604 NANCY'S CREEK MARSH AREA --WP-92	10/2/2012	1	2.13E+03	
604 NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	<LLD	2.53E+02
604 NANCY'S CREEK MARSH AREA --WP-92	10/16/2012	1	4.05E+02	

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
604	NANCY'S CREEK MARSH AREA --WP-92	10/23/2012	1	<LLD	2.66E+02
604	NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	<LLD	2.68E+02
604	NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	7.08E+02	
604	NANCY'S CREEK MARSH AREA --WP-92	11/13/2012	1	<LLD	2.67E+02
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	2.38E+03	
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	2.97E+02	
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	5.49E+02	
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	3.15E+02	
604	NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	1.24E+03	
604	NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	3.56E+02	
604	NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	1.34E+03	
605	NANCY'S CREEK MARSH AREA -- WP-72	1/3/2012	1	<LLD	2.57E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	<LLD	2.45E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	1/17/2012	1	3.06E+02	
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	<LLD	2.41E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	2.61E+04	
605	NANCY'S CREEK MARSH AREA -- WP-72	2/7/2012	1	<LLD	2.40E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	<LLD	2.47E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	2/21/2012	1	<LLD	2.50E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	2/28/2012	1	4.72E+02	
605	NANCY'S CREEK MARSH AREA -- WP-72	3/6/2012	1	<LLD	2.54E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	3/13/2012	1	<LLD	2.43E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	<LLD	2.34E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	3/27/2012	1	<LLD	2.44E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
605 NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	<LLD	2.37E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	<LLD	2.39E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	<LLD	2.39E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	<LLD	2.36E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	<LLD	2.36E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	<LLD	2.46E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	<LLD	2.40E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	5/21/2012	1	<LLD	2.36E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	<LLD	2.34E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	<LLD	2.36E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	<LLD	2.45E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	<LLD	2.31E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	<LLD	2.48E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	<LLD	2.39E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	<LLD	2.38E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	<LLD	2.32E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	<LLD	2.36E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	2.55E+02	
605 NANCY'S CREEK MARSH AREA -- WP-72	8/6/2012	1	<LLD	2.35E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	<LLD	2.69E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	<LLD	2.64E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	<LLD	2.66E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	<LLD	2.58E+02
605 NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	<LLD	2.62E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	<LLD	2.57E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	<LLD	2.66E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	10/2/2012	1	<LLD	2.67E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	<LLD	2.66E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	10/16/2012	1	<LLD	2.41E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	<LLD	2.47E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	<LLD	2.69E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	<LLD	2.68E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	11/13/2012	1	<LLD	2.66E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	<LLD	2.65E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	<LLD	2.69E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	<LLD	2.84E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	<LLD	2.69E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	<LLD	2.62E+02
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	5.19E+03	
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	<LLD	2.72E+02
606	NANCY'S CREEK MARSH AREA -- WP-74	1/3/2012	1	<LLD	2.53E+02
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	<LLD	2.43E+02
606	NANCY'S CREEK MARSH AREA -- WP-74	1/17/2012	1	3.60E+02	
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	<LLD	2.37E+02
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	1.62E+04	
606	NANCY'S CREEK MARSH AREA -- WP-74	2/7/2012	1	<LLD	2.41E+02
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	<LLD	2.46E+02
606	NANCY'S CREEK MARSH AREA -- WP-74	2/21/2012	1	<LLD	2.48E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	2/28/2012	1	3.64E+02	
606 NANCY'S CREEK MARSH AREA -- WP-74	3/6/2012	1	<LLD	2.59E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	3/13/2012	1	<LLD	2.44E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	<LLD	2.36E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	3/27/2012	1	<LLD	2.44E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	<LLD	2.36E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	<LLD	2.38E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	<LLD	2.37E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	<LLD	2.48E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	<LLD	2.42E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	<LLD	2.46E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	<LLD	2.38E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	5/21/2012	1	<LLD	2.33E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	<LLD	2.46E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	<LLD	2.36E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	<LLD	2.41E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	<LLD	2.32E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	<LLD	2.38E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	<LLD	2.44E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	<LLD	2.42E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	<LLD	2.38E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	<LLD	2.37E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	<LLD	2.36E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	8/6/2012	1	<LLD	2.35E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	<LLD	2.73E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	<LLD	2.62E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	<LLD	2.63E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	<LLD	2.63E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	<LLD	2.63E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	<LLD	2.58E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	5.77E+02	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/2/2012	1	<LLD	2.67E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	<LLD	2.77E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	10/16/2012	1	<LLD	2.40E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	<LLD	2.44E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	<LLD	2.71E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	11/7/2012	1	<LLD	2.67E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	11/13/2012	1	<LLD	2.67E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	<LLD	2.64E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	<LLD	2.67E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	<LLD	2.81E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	5.00E+02	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	<LLD	2.67E+02
606 NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	5.26E+03	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	<LLD	2.72E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	1/3/2012	1	<LLD	2.48E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	<LLD	2.43E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	1/17/2012	1	3.60E+02	

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
607 NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	<LLD	2.39E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	3.12E+04	
607 NANCY'S CREEK MARSH AREA -- WP-76	2/7/2012	1	<LLD	2.40E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	<LLD	2.46E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	2/21/2012	1	<LLD	2.51E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	2/28/2012	1	3.99E+02	
607 NANCY'S CREEK MARSH AREA -- WP-76	3/6/2012	1	2.92E+02	
607 NANCY'S CREEK MARSH AREA -- WP-76	3/13/2012	1	<LLD	2.42E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	<LLD	2.38E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	3/27/2012	1	<LLD	2.45E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	<LLD	2.36E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	<LLD	2.37E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	<LLD	2.35E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	<LLD	2.38E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	<LLD	2.42E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	<LLD	2.46E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	<LLD	2.35E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	5/21/2012	1	<LLD	2.36E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	<LLD	2.45E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	3.40E+02	
607 NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	8.56E+02	
607 NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	<LLD	2.34E+02
607 NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	2.14E+03	
607 NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	<LLD	2.42E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	<LLD 2.43E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	<LLD 2.27E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	<LLD 2.36E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	3.64E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	8/6/2012	1	<LLD 2.58E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	4.81E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	<LLD 2.64E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	<LLD 2.64E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	<LLD 2.64E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	2.78E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	<LLD 2.59E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	2.79E+03
607	NANCY'S CREEK MARSH AREA -- WP-76	10/2/2012	1	3.50E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	<LLD 2.68E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	10/16/2012	1	<LLD 2.38E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	<LLD 2.44E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	<LLD 2.68E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	<LLD 2.68E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	11/13/2012	1	1.19E+03
607	NANCY'S CREEK MARSH AREA -- WP-76	11/20/2012	1	<LLD 2.68E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	<LLD 2.66E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	<LLD 2.74E+02
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	1.54E+03
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	<LLD 2.67E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
607 NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	5.90E+03	
607 NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	<LLD	2.74E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	1/3/2012	1	<LLD	2.48E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	<LLD	2.42E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	1/17/2012	1	<LLD	2.40E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	<LLD	2.38E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	<LLD	2.38E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	2/7/2012	1	<LLD	2.40E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	<LLD	2.47E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	2/21/2012	1	<LLD	2.42E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	2/28/2012	1	6.14E+02	
608 NANCY'S CREEK MARSH AREA -- WP-82	3/6/2012	1	<LLD	2.42E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	3/13/2012	1	<LLD	2.44E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	<LLD	2.37E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	3/27/2012	1	<LLD	2.47E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	<LLD	2.38E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	<LLD	2.38E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	8.50E+02	
608 NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	<LLD	2.37E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	<LLD	2.38E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	<LLD	2.43E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	<LLD	2.35E+02
608 NANCY'S CREEK MARSH AREA -- WP-82	5/21/2012	1	2.52E+02	
608 NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	<LLD	2.34E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	<LLD	2.38E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	<LLD	2.39E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	<LLD	2.32E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	<LLD	2.41E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	<LLD	2.36E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	<LLD	2.41E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	<LLD	2.38E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	<LLD	2.32E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	<LLD	2.36E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	<LLD	2.60E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	<LLD	2.69E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	<LLD	2.65E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	<LLD	2.65E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	<LLD	2.58E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	2.94E+02	
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	<LLD	2.64E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	<LLD	2.71E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	10/2/2012	1	<LLD	2.69E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	<LLD	2.72E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	10/16/2012	1	<LLD	2.49E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	<LLD	2.78E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	<LLD	2.69E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	11/7/2012	1	<LLD	2.69E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	11/13/2012	1	<LLD	2.66E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	<LLD 2.73E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	<LLD 2.66E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	<LLD 2.75E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	1.58E+03
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	<LLD 2.69E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	<LLD 2.69E+02
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	<LLD 2.76E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	1/3/2012	1	<LLD 2.48E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	<LLD 2.42E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	1/17/2012	1	2.53E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	<LLD 2.38E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	2.87E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	2/7/2012	1	<LLD 2.60E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	<LLD 2.46E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	2/21/2012	1	<LLD 2.42E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	2/28/2012	1	<LLD 2.44E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	3/6/2012	1	<LLD 2.40E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	3/13/2012	1	<LLD 2.30E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	<LLD 2.37E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	3/27/2012	1	<LLD 2.45E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	<LLD 2.41E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	<LLD 2.33E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	<LLD 2.35E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	<LLD 2.35E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	<LLD	2.38E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	<LLD	2.46E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	<LLD	2.38E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	5/21/2012	1	<LLD	2.35E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	<LLD	2.33E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	<LLD	2.38E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	<LLD	2.40E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	<LLD	2.34E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	<LLD	2.42E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	<LLD	2.34E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	<LLD	2.42E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	<LLD	2.37E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	<LLD	2.35E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	<LLD	2.37E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	<LLD	2.60E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	<LLD	2.62E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	<LLD	2.65E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	<LLD	2.65E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	<LLD	2.60E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	<LLD	2.63E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	<LLD	2.58E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	<LLD	2.73E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	10/2/2012	1	<LLD	2.68E+02
609 NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	<LLD	2.67E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>	
609	NANCY'S CREEK MARSH AREA -- WP-84	10/16/2012	1	2.92E+02	
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	<LLD	2.70E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	<LLD	2.70E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	<LLD	2.67E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	11/13/2012	1	<LLD	2.67E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	<LLD	2.71E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	<LLD	2.66E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	<LLD	2.74E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	3.16E+02	
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	<LLD	2.67E+02
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	5.05E+02	
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	<LLD	2.73E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	1/3/2012	1	<LLD	2.48E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	<LLD	2.43E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	1/17/2012	1	<LLD	2.39E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	<LLD	2.38E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	<LLD	2.39E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	2/7/2012	1	<LLD	2.62E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	<LLD	2.46E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	2/21/2012	1	<LLD	2.42E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	2/28/2012	1	<LLD	2.45E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	3/6/2012	1	<LLD	2.54E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	3/13/2012	1	<LLD	2.31E+02
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	<LLD	2.38E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	3/27/2012	1	<LLD	2.38E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	3.27E+02	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	<LLD	2.34E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	3.27E+02	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	<LLD	2.41E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	<LLD	2.39E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	<LLD	2.49E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	<LLD	2.24E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	5/21/2012	1	<LLD	2.37E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	<LLD	2.34E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	<LLD	2.38E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	<LLD	2.40E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	<LLD	2.36E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	<LLD	2.41E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	<LLD	2.36E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	<LLD	2.41E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	<LLD	2.36E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	<LLD	2.34E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	<LLD	2.35E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	<LLD	2.70E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	<LLD	2.62E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	<LLD	2.67E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	<LLD	2.67E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	<LLD	2.60E+02

BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/Liter

Analysis: Tritium

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Activity</i>	<i>LLD</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	<LLD	2.63E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	<LLD	2.61E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	2.96E+02	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/2/2012	1	<LLD	2.70E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	<LLD	2.67E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	10/16/2012	1	<LLD	2.40E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	<LLD	2.68E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	<LLD	2.70E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	<LLD	2.73E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	11/13/2012	1	<LLD	2.66E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	<LLD	2.73E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	<LLD	2.63E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	<LLD	2.71E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	3.83E+02	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	<LLD	2.66E+02
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	3.56E+02	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	<LLD	2.72E+02

2012 BSEP

Radiological Environmental Monitoring

Gamma Isotopic Report

Comments

- Aquatic organism monitoring includes fish (free swimmers and bottom feeders), invertebrates (shellfish – (SH)), and Benthic organisms (BO). Invertebrates in the Gamma Isotopic data are represented by SH/BO*.

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate

Quantity: CUBIC METERS

Concentration (Activity): pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
200 1.0 MI WSW - VISITORS CENTER	2/13/2012	3521.1	BE-7	1.41E-01	2.88E-02
200 1.0 MI WSW - VISITORS CENTER	2/13/2012	3521.1	BI-214	5.51E-03	2.46E-03
200 1.0 MI WSW - VISITORS CENTER	2/13/2012	3521.1	PB-214	7.44E-03	2.81E-03
200 1.0 MI WSW - VISITORS CENTER	2/13/2012	3521.1	RA-226	2.62E-02	1.63E-02
200 1.0 MI WSW - VISITORS CENTER	2/13/2012	3521.1	TH-234	3.65E-02	1.94E-02
200 1.0 MI WSW - VISITORS CENTER	5/14/2012	3622.7	BE-7	1.12E-01	3.29E-02
200 1.0 MI WSW - VISITORS CENTER	5/14/2012	3622.7	K-40	6.50E-02	2.22E-02
200 1.0 MI WSW - VISITORS CENTER	8/13/2012	3800.2	K-40	4.00E-02	2.04E-02
200 1.0 MI WSW - VISITORS CENTER	8/13/2012	3800.2	BI-214	6.57E-03	3.15E-03
200 1.0 MI WSW - VISITORS CENTER	8/13/2012	3800.2	BE-7	1.26E-01	3.06E-02
200 1.0 MI WSW - VISITORS CENTER	8/13/2012	3800.2	PB-214	7.72E-03	3.14E-03
200 1.0 MI WSW - VISITORS CENTER	11/15/2012	3915.1	BI-214	4.34E-03	2.54E-03
200 1.0 MI WSW - VISITORS CENTER	11/15/2012	3915.1	BE-7	1.08E-01	2.62E-02
200 1.0 MI WSW - VISITORS CENTER	11/15/2012	3915.1	K-40	4.18E-02	1.89E-02
200 1.0 MI WSW - VISITORS CENTER	11/15/2012	3915.1	PB-214	7.45E-03	2.49E-03
201 0.5 MI NE - PMAC	2/13/2012	3665.2	BE-7	1.43E-01	2.98E-02
201 0.5 MI NE - PMAC	2/13/2012	3665.2	BI-214	6.28E-03	2.95E-03
201 0.5 MI NE - PMAC	2/13/2012	3665.2	K-40	6.33E-02	2.48E-03
201 0.5 MI NE - PMAC	2/13/2012	3665.2	PB-212	2.38E-03	1.68E-03
201 0.5 MI NE - PMAC	5/14/2012	3798.7	BE-7	1.34E-01	2.67E-02
201 0.5 MI NE - PMAC	5/14/2012	3798.7	RA-226	2.85E-02	1.53E-02
201 0.5 MI NE - PMAC	5/14/2012	3798.7	BI-214	2.74E-03	1.91E-03
201 0.5 MI NE - PMAC	8/13/2012	3780.6	K-40	4.40E-02	2.23E-02
201 0.5 MI NE - PMAC	8/13/2012	3780.6	BE-7	9.76E-02	2.95E-02

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate

Quantity: CUBIC METERS

Concentration (Activity): pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
201 0.5 MI NE - PMAC	11/15/2012	3893.9	BI-214	5.89E-03	2.61E-03
201 0.5 MI NE - PMAC	11/15/2012	3893.9	RA-226	3.38E-02	1.49E-02
201 0.5 MI NE - PMAC	11/15/2012	3893.9	PB-214	7.05E-03	2.53E-03
201 0.5 MI NE - PMAC	11/15/2012	3893.9	BE-7	1.13E-01	2.59E-02
201 0.5 MI NE - PMAC	11/15/2012	3893.9	K-40	3.72E-02	1.70E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	3615.9	BI-214	9.92E-03	3.08E-03
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	3615.9	RA-226	2.16E-02	1.79E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	3615.9	PB-212	1.55E-03	1.37E-03
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	3615.9	BE-7	1.43E-01	2.83E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	3615.9	PB-214	7.28E-03	3.03E-03
202 1.0 MI S - SUBSTATION ON CONSTRN RD	2/13/2012	3615.9	K-40	2.95E-02	2.06E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	5/14/2012	3700.6	BE-7	1.10E-01	3.34E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	5/14/2012	3700.6	K-40	7.19E-02	2.57E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	8/13/2012	3682.5	BE-7	9.97E-02	2.50E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/15/2012	3955.7	BI-214	6.31E-03	3.03E-03
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/15/2012	3955.7	PB-214	7.75E-03	2.81E-03
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/15/2012	3955.7	K-40	5.47E-02	2.17E-02
202 1.0 MI S - SUBSTATION ON CONSTRN RD	11/15/2012	3955.7	BE-7	1.08E-01	2.81E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/13/2012	3628.9	BI-214	5.65E-03	2.35E-03
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/13/2012	3628.9	RA-226	1.84E-02	2.32E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/13/2012	3628.9	BE-7	1.43E-01	3.80E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	2/13/2012	3628.9	K-40	4.28E-02	1.81E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	5/14/2012	3724.8	BI-214	3.16E-03	1.68E-03
203 2.0 MI SSW - SOUTHPORT SUBSTATION	5/14/2012	3724.8	BE-7	1.36E-01	3.46E-02

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate

Quantity: CUBIC METERS

Concentration (Activity): pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/13/2012	3759.3	RA-226	3.76E-02	2.58E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/13/2012	3759.3	BI-214	5.08E-03	2.22E-03
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/13/2012	3759.3	BE-7	1.22E-01	2.77E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	8/13/2012	3759.3	PB-214	6.39E-03	1.86E-03
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/15/2012	4044.2	K-40	3.61E-02	1.78E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/15/2012	4044.2	BI-214	5.04E-03	2.43E-03
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/15/2012	4044.2	BE-7	9.35E-02	2.46E-02
203 2.0 MI SSW - SOUTHPORT SUBSTATION	11/15/2012	4044.2	PB-214	6.30E-03	2.40E-03
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/13/2012	3468.6	PB-212	1.37E-03	1.48E-03
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/13/2012	3468.6	K-40	4.06E-02	2.07E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	2/13/2012	3468.6	BE-7	1.73E-01	3.11E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	5/14/2012	3600.7	BE-7	1.46E-01	3.37E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	5/14/2012	3600.7	K-40	6.19E-02	2.19E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/13/2012	3612.8	BI-214	3.05E-03	1.68E-03
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/13/2012	3612.8	BE-7	1.04E-01	2.85E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	8/13/2012	3612.8	TH-234	1.63E-02	1.23E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/15/2012	3922.8	PB-214	5.77E-03	2.28E-03
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/15/2012	3922.8	RA-226	2.87E-02	1.47E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/15/2012	3922.8	BE-7	8.26E-02	2.36E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/15/2012	3922.8	K-40	3.93E-02	1.62E-02
204 22.4 MI NNE - SUTTON PLANT (CONTROL)	11/15/2012	3922.8	BI-214	5.64E-03	2.83E-03
205 0.6 MI SSE - SPOIL POND	2/13/2012	3559.5	K-40	6.42E-02	2.74E-02
205 0.6 MI SSE - SPOIL POND	2/13/2012	3559.5	BE-7	1.46E-01	3.30E-02
205 0.6 MI SSE - SPOIL POND	5/14/2012	3809.9	BI-214	6.18E-03	1.85E-03

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Air Particulate

Quantity: CUBIC METERS

Concentration (Activity): pCi/cubic meter

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
205 0.6 MI SSE - SPOIL POND	5/14/2012	3809.9	BE-7	1.35E-01	2.96E-02
205 0.6 MI SSE - SPOIL POND	8/13/2012	3693.5	TH-234	2.26E-02	1.86E-02
205 0.6 MI SSE - SPOIL POND	8/13/2012	3693.5	BE-7	1.29E-01	2.91E-02
205 0.6 MI SSE - SPOIL POND	8/13/2012	3693.5	BI-214	3.65E-03	2.02E-03
205 0.6 MI SSE - SPOIL POND	8/13/2012	3693.5	RA-226	3.19E-02	2.36E-02
205 0.6 MI SSE - SPOIL POND	8/13/2012	3693.5	PB-214	5.21E-03	3.07E-03
205 0.6 MI SSE - SPOIL POND	11/15/2012	3959.3	TH-234	3.51E-02	1.91E-02
205 0.6 MI SSE - SPOIL POND	11/15/2012	3959.3	BE-7	7.80E-02	2.53E-02
205 0.6 MI SSE - SPOIL POND	11/15/2012	3959.3	BI-214	6.53E-03	2.67E-03
205 0.6 MI SSE - SPOIL POND	11/15/2012	3959.3	PB-214	7.91E-03	2.81E-03
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/13/2012	3642.2	PB-214	3.83E-03	2.07E-03
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/13/2012	3642.2	BE-7	1.19E-01	2.94E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/13/2012	3642.2	TL-208	9.34E-04	9.13E-04
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	2/13/2012	3642.2	PB-212	1.70E-03	1.61E-03
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	5/14/2012	3792.6	K-40	6.24E-02	2.14E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	5/14/2012	3792.6	BE-7	1.27E-01	3.13E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	8/13/2012	3802	BE-7	1.22E-01	2.88E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	8/13/2012	3802	K-40	5.15E-02	1.94E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/15/2012	3920.5	K-40	5.43E-02	2.28E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/15/2012	3920.5	BI-214	4.91E-03	2.80E-03
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/15/2012	3920.5	BE-7	9.65E-02	2.71E-02
206 11.3 MI NW - BRUNSWICK COUNTY COMPLEX (CONTROL)	11/15/2012	3920.5	RA-226	1.99E-02	1.71E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
800	0.7 MI NE - INTAKE CANAL	1/2/2012	405.1	BI-214	4.87E-02	3.26E-02
800	0.7 MI NE - INTAKE CANAL	1/2/2012	405.1	K-40	3.33E+00	4.41E-01
800	0.7 MI NE - INTAKE CANAL	1/2/2012	405.1	BE-7	2.51E+00	3.17E-01
800	0.7 MI NE - INTAKE CANAL	1/2/2012	405.1	PB-212	4.02E-02	2.22E-02
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	RA-226	3.54E-01	2.41E-01
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	BE-7	1.20E+00	1.98E-01
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	K-40	2.95E+00	3.79E-01
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	PB-212	4.67E-02	2.19E-02
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	BI-214	6.77E-02	3.59E-02
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	PB-214	3.73E-02	2.48E-02
800	0.7 MI NE - INTAKE CANAL	2/1/2012	504.6	TH-234	7.99E-01	3.71E-01
800	0.7 MI NE - INTAKE CANAL	3/1/2012	503.3	BE-7	2.00E+00	2.52E-01
800	0.7 MI NE - INTAKE CANAL	3/1/2012	503.3	RA-226	5.43E-01	2.56E-01
800	0.7 MI NE - INTAKE CANAL	3/1/2012	503.3	PB-214	6.21E-02	2.93E-02
800	0.7 MI NE - INTAKE CANAL	3/1/2012	503.3	BI-214	9.68E-02	3.57E-02
800	0.7 MI NE - INTAKE CANAL	3/1/2012	503.3	K-40	2.93E+00	3.83E-01
800	0.7 MI NE - INTAKE CANAL	4/1/2012	544.4	TL-208	1.95E-02	1.14E-02
800	0.7 MI NE - INTAKE CANAL	4/1/2012	544.4	K-40	3.54E+00	4.13E-01
800	0.7 MI NE - INTAKE CANAL	4/1/2012	544.4	BE-7	1.08E+00	1.80E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
800	0.7 MI NE - INTAKE CANAL	4/1/2012	544.4	BI-214	3.43E-02	2.54E-02
800	0.7 MI NE - INTAKE CANAL	5/1/2012	531.6	BI-214	6.80E-02	2.87E-02
800	0.7 MI NE - INTAKE CANAL	5/1/2012	531.6	PB-214	5.71E-02	2.55E-02
800	0.7 MI NE - INTAKE CANAL	5/1/2012	531.6	K-40	3.57E+00	4.56E-01
800	0.7 MI NE - INTAKE CANAL	5/1/2012	531.6	PB-212	2.77E-02	1.80E-02
800	0.7 MI NE - INTAKE CANAL	5/1/2012	531.6	RA-226	4.94E-01	2.47E-01
800	0.7 MI NE - INTAKE CANAL	5/1/2012	531.6	BE-7	1.27E+00	1.86E-01
800	0.7 MI NE - INTAKE CANAL	6/1/2012	513.9	RA-226	3.18E-01	2.54E-01
800	0.7 MI NE - INTAKE CANAL	6/1/2012	513.9	PB-212	2.33E-02	2.08E-02
800	0.7 MI NE - INTAKE CANAL	6/1/2012	513.9	PB-214	7.62E-02	3.26E-02
800	0.7 MI NE - INTAKE CANAL	6/1/2012	513.9	BI-214	1.08E-01	3.79E-02
800	0.7 MI NE - INTAKE CANAL	6/1/2012	513.9	BE-7	8.14E-01	1.63E-01
800	0.7 MI NE - INTAKE CANAL	6/1/2012	513.9	K-40	3.71E+00	4.57E-01
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	RA-226	3.93E-01	2.02E-01
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	K-40	3.11E+00	3.81E-01
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	TL-208	1.93E-02	1.15E-02
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	PB-212	6.31E-02	1.77E-02
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	BE-7	2.11E+00	2.52E-01
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	PB-214	8.00E-02	2.61E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	TH-234	4.04E-01	2.56E-01
800	0.7 MI NE - INTAKE CANAL	7/2/2012	599.2	BI-214	9.79E-02	2.83E-02
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	BE-7	1.19E+00	1.86E-01
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	TL-208	1.10E-02	1.04E-02
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	PB-212	4.35E-02	1.85E-02
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	BI-214	7.40E-02	3.06E-02
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	PB-214	4.38E-02	1.78E-02
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	RA-226	4.06E-01	1.92E-01
800	0.7 MI NE - INTAKE CANAL	8/1/2012	560.1	K-40	3.01E+00	3.90E-01
800	0.7 MI NE - INTAKE CANAL	9/3/2012	478.4	TH-234	6.58E-01	4.25E-01
800	0.7 MI NE - INTAKE CANAL	9/3/2012	478.4	BI-214	2.39E-02	2.30E-02
800	0.7 MI NE - INTAKE CANAL	9/3/2012	478.4	RA-226	4.70E-01	2.16E-01
800	0.7 MI NE - INTAKE CANAL	9/3/2012	478.4	BE-7	1.47E+00	2.07E-01
800	0.7 MI NE - INTAKE CANAL	9/3/2012	478.4	PB-212	2.87E-02	1.76E-02
800	0.7 MI NE - INTAKE CANAL	9/3/2012	478.4	K-40	2.93E+00	3.80E-01
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	BI-214	5.07E-02	2.01E-02
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	PB-212	3.94E-02	2.07E-02
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	TH-234	4.88E-01	2.76E-01
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	PB-214	4.78E-02	2.47E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	TL-208	2.07E-02	1.25E-02
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	BE-7	6.61E-01	1.33E-01
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	K-40	3.01E+00	3.75E-01
800	0.7 MI NE - INTAKE CANAL	10/1/2012	587.4	RA-226	4.90E-01	2.36E-01
800	0.7 MI NE - INTAKE CANAL	11/1/2012	505.9	BI-214	2.29E-02	1.78E-02
800	0.7 MI NE - INTAKE CANAL	11/1/2012	505.9	K-40	3.58E+00	4.35E-01
800	0.7 MI NE - INTAKE CANAL	11/1/2012	505.9	BE-7	1.46E+00	2.03E-01
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	BE-7	1.10E+00	1.60E-01
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	PB-212	1.96E-02	1.84E-02
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	PB-214	3.66E-02	2.23E-02
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	RA-226	2.88E-01	2.37E-01
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	K-40	2.38E+00	3.20E-01
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	BI-214	5.13E-02	2.29E-02
800	0.7 MI NE - INTAKE CANAL	12/3/2012	560.8	TH-234	4.36E-01	3.31E-01
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	RA-226	6.92E-01	4.13E-02
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	BI-214	6.86E-02	3.73E-02
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	PB-212	3.99E-02	2.33E-02
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	TL-208	2.04E-02	1.73E-02
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	K-40	2.68E+00	3.70E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	BE-7	2.34E+00	2.79E-01
801	0.8 MI SW - DISCHARGE CANAL	1/2/2012	453.2	PB-214	8.91E-02	3.52E-02
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	K-40	3.01E+00	4.00E-01
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	RA-226	4.30E-01	3.58E-01
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	PB-214	4.99E-02	2.74E-02
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	BI-214	3.38E-02	2.79E-02
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	TL-208	6.99E-02	1.62E-02
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	BE-7	9.00E-01	1.68E-01
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	PB-212	1.67E-01	3.30E-02
801	0.8 MI SW - DISCHARGE CANAL	2/1/2012	507.3	TH-234	4.84E-01	4.01E-01
801	0.8 MI SW - DISCHARGE CANAL	3/1/2012	486.2	RA-226	3.94E-01	2.89E-01
801	0.8 MI SW - DISCHARGE CANAL	3/1/2012	486.2	PB-212	3.90E-02	2.67E-02
801	0.8 MI SW - DISCHARGE CANAL	3/1/2012	486.2	BI-214	8.09E-02	3.49E-02
801	0.8 MI SW - DISCHARGE CANAL	3/1/2012	486.2	BE-7	2.16E+00	2.71E-01
801	0.8 MI SW - DISCHARGE CANAL	3/1/2012	486.2	K-40	3.30E+00	4.04E-01
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	RA-226	4.41E-01	2.67E-01
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	PB-214	5.66E-02	2.83E-02
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	K-40	3.01E+00	4.14E-01
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	TH-234	5.29E-01	3.32E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	BI-214	7.28E-02	2.68E-02
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	PB-212	3.15E-02	2.99E-02
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	TL-208	1.83E-02	1.03E-02
801	0.8 MI SW - DISCHARGE CANAL	4/1/2012	525.9	BE-7	1.32E+00	1.94E-01
801	0.8 MI SW - DISCHARGE CANAL	5/1/2012	557.3	PB-212	8.80E-02	2.66E-02
801	0.8 MI SW - DISCHARGE CANAL	5/1/2012	557.3	TL-208	3.67E-02	1.62E-02
801	0.8 MI SW - DISCHARGE CANAL	5/1/2012	557.3	K-40	3.40E+00	4.18E-01
801	0.8 MI SW - DISCHARGE CANAL	5/1/2012	557.3	BE-7	6.07E-01	1.32E-01
801	0.8 MI SW - DISCHARGE CANAL	5/1/2012	557.3	BI-214	3.77E-02	2.43E-02
801	0.8 MI SW - DISCHARGE CANAL	6/1/2012	511.3	RA-226	2.98E-01	2.93E-01
801	0.8 MI SW - DISCHARGE CANAL	6/1/2012	511.3	BI-214	6.94E-02	3.19E-02
801	0.8 MI SW - DISCHARGE CANAL	6/1/2012	511.3	BE-7	8.73E-01	1.68E-01
801	0.8 MI SW - DISCHARGE CANAL	6/1/2012	511.3	K-40	3.92E+00	4.86E-01
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	PB-214	5.13E-02	2.32E-02
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	BE-7	1.19E+00	1.77E-01
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	K-40	2.08E+00	2.80E-01
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	PB-212	2.64E-02	2.24E-02
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	BI-214	6.97E-02	2.51E-02
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	TH-234	4.33E-01	2.84E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
801	0.8 MI SW - DISCHARGE CANAL	7/2/2012	601.9	RA-226	4.27E-01	2.31E-01
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	K-40	3.13E+00	3.99E-01
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	PB-212	5.00E-02	2.96E-02
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	TL-208	4.10E-02	1.58E-02
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	RA-226	4.88E-01	2.60E-01
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	BE-7	1.42E+00	1.98E-01
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	BI-214	5.70E-02	2.89E-02
801	0.8 MI SW - DISCHARGE CANAL	8/1/2012	520.7	PB-214	4.08E-02	2.90E-02
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	PB-212	3.06E-02	2.12E-02
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	BE-7	9.60E-01	1.62E-01
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	TL-208	2.39E-02	1.38E-02
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	BI-214	4.69E-02	2.34E-02
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	PB-214	8.75E-02	2.62E-02
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	RA-226	3.22E-01	2.71E-01
801	0.8 MI SW - DISCHARGE CANAL	9/3/2012	552.7	K-40	2.84E+00	3.60E-01
801	0.8 MI SW - DISCHARGE CANAL	10/1/2012	549.5	K-40	3.21E+00	4.01E-01
801	0.8 MI SW - DISCHARGE CANAL	10/1/2012	549.5	RA-226	2.39E-01	2.55E-01
801	0.8 MI SW - DISCHARGE CANAL	10/1/2012	549.5	PB-212	5.65E-02	2.85E-02
801	0.8 MI SW - DISCHARGE CANAL	10/1/2012	549.5	BE-7	1.59E+00	2.10E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
801	0.8 MI SW - DISCHARGE CANAL	10/1/2012	549.5	PB-214	5.39E-02	3.29E-02
801	0.8 MI SW - DISCHARGE CANAL	11/1/2012	556.4	K-40	3.82E+00	4.46E-01
801	0.8 MI SW - DISCHARGE CANAL	11/1/2012	556.4	BE-7	1.39E+00	1.84E-01
801	0.8 MI SW - DISCHARGE CANAL	11/1/2012	556.4	TH-234	6.88E-01	2.73E-01
801	0.8 MI SW - DISCHARGE CANAL	11/1/2012	556.4	RA-226	5.29E-01	2.24E-01
801	0.8 MI SW - DISCHARGE CANAL	11/1/2012	556.4	PB-214	3.16E-02	1.95E-02
801	0.8 MI SW - DISCHARGE CANAL	11/1/2012	556.4	BI-214	3.93E-02	2.11E-02
801	0.8 MI SW - DISCHARGE CANAL	12/3/2012	634.7	TH-234	4.86E-01	2.41E-01
801	0.8 MI SW - DISCHARGE CANAL	12/3/2012	634.7	PB-214	5.16E-02	1.88E-02
801	0.8 MI SW - DISCHARGE CANAL	12/3/2012	634.7	BI-214	5.99E-02	2.10E-02
801	0.8 MI SW - DISCHARGE CANAL	12/3/2012	634.7	PB-212	3.31E-02	9.09E-03
801	0.8 MI SW - DISCHARGE CANAL	12/3/2012	634.7	K-40	1.99E+00	2.70E-01
801	0.8 MI SW - DISCHARGE CANAL	12/3/2012	634.7	BE-7	1.96E+00	2.25E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	1/2/2012	451.4	BE-7	1.48E+00	2.20E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	1/2/2012	451.4	K-40	2.07E+00	3.14E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	1/2/2012	451.4	PB-212	2.91E-02	2.32E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	1/2/2012	451.4	RA-226	6.04E-01	2.99E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	1/2/2012	451.4	PB-214	1.15E-01	3.70E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	1/2/2012	451.4	BI-214	1.25E-01	3.71E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	RA-226	6.26E-01	2.81E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	TH-234	4.81E-01	3.12E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	PB-214	5.05E-02	2.44E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	PB-212	4.32E-02	2.30E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	TL-208	2.26E-02	1.07E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	K-40	1.67E+00	2.72E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	BE-7	2.11E+00	2.60E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	2/1/2012	508	BI-214	7.76E-02	2.99E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	RA-226	6.67E-01	3.44E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	K-40	2.73E+00	3.54E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	PB-212	5.72E-02	2.21E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	PB-214	1.18E-01	3.28E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	TH-234	4.92E-01	3.36E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	BE-7	1.34E+00	1.87E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	3/1/2012	480.4	BI-214	1.07E-01	3.26E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	PB-212	7.02E-02	2.20E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	TL-208	2.40E-02	1.39E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	TH-234	7.74E-01	3.79E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	AC-228	1.02E-01	4.35E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	RA-226	8.69E-01	3.75E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	K-40	2.89E+00	3.69E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	BE-7	2.97E+00	3.27E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	PB-214	9.53E-02	3.40E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	4/1/2012	519.7	BI-214	9.96E-02	3.17E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	BI-214	3.51E-02	1.31E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	PB-212	2.67E-02	1.26E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	TH-234	3.64E-01	2.78E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	BE-7	7.17E-01	1.38E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	PB-214	3.00E-02	1.88E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	RA-226	2.26E-01	2.22E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	5/1/2012	699.1	K-40	2.44E+00	3.21E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	AC-228	7.22E-02	4.27E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	PB-214	5.56E-02	2.79E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	TL-208	1.17E-02	8.31E-03
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	BE-7	6.63E-01	1.51E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	RA-226	4.92E-01	2.53E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	PB-212	2.88E-02	1.57E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	K-40	3.30E+00	3.89E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	BI-214	7.28E-02	3.00E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	6/1/2012	546.1	TH-234	4.35E-01	3.57E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	PB-214	5.63E-02	3.43E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	BE-7	2.17E+00	2.72E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	K-40	2.91E+00	3.71E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	BI-214	6.31E-02	2.54E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	RA-226	3.22E-01	2.68E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	TH-234	6.63E-01	4.38E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	7/2/2012	552.5	PB-212	3.58E-02	2.25E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	BE-7	1.89E+00	2.24E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	TL-208	2.17E-02	1.14E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	BI-212	9.89E-02	5.18E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	PB-212	5.75E-02	1.97E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	BI-214	8.62E-02	2.40E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	PB-214	6.55E-02	1.99E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	RA-226	4.81E-01	2.06E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	8/1/2012	632.4	K-40	1.93E+00	2.72E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	9/3/2012	497.6	BE-7	2.93E+00	3.42E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	9/3/2012	497.6	AC-228	7.74E-02	4.01E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	497.6	RA-226	7.46E-01	2.34E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	497.6	PB-212	5.49E-02	1.93E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	497.6	BI-214	6.58E-02	2.43E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	497.6	K-40	2.77E+00	3.73E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	497.6	TH-234	4.15E-01	3.20E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	497.6	PB-214	7.67E-02	2.76E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	PB-214	5.85E-02	2.33E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	RA-226	5.12E-01	2.41E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	TH-234	5.28E-01	3.29E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	BI-214	8.19E-02	2.74E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	PB-212	3.54E-02	1.53E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	TL-208	2.15E-02	1.28E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	K-40	1.98E+00	3.11E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	561.6	BE-7	1.10E+00	1.74E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	529	PB-214	7.73E-02	2.56E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	529	BE-7	2.09E+00	2.52E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	529	K-40	2.53E+00	3.53E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	529	BI-214	7.71E-02	2.27E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	529	RA-226	6.83E-01	2.31E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	11/1/2012	529	AC-228	9.15E-02	4.19E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	11/1/2012	529	TH-234	3.49E-01	2.92E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	11/1/2012	529	PB-212	3.17E-02	1.86E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	12/3/2012	528.6	BE-7	2.75E+00	3.02E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	12/3/2012	528.6	K-40	3.29E+00	4.04E-01
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	12/3/2012	528.6	BI-214	8.43E-02	2.55E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	12/3/2012	528.6	PB-214	7.39E-02	2.79E-02
802	10.1 MI - (CONTROL) - LOCATION NOT SPECIFIED	12/3/2012	528.6	AC-228	5.48E-02	3.73E-02
803	0.6 MI SSE - SPOIL POND	1/2/2012	417	PB-212	5.06E-02	2.22E-02
803	0.6 MI SSE - SPOIL POND	1/2/2012	417	BE-7	2.45E+00	3.24E-01
803	0.6 MI SSE - SPOIL POND	1/2/2012	417	K-40	3.09E+00	4.39E-01
803	0.6 MI SSE - SPOIL POND	1/2/2012	417	PB-214	1.25E-01	3.41E-02
803	0.6 MI SSE - SPOIL POND	1/2/2012	417	BI-214	1.96E-01	3.79E-02
803	0.6 MI SSE - SPOIL POND	1/2/2012	417	RA-226	6.93E-01	3.65E-01
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	BI-214	4.54E-02	2.83E-02
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	TH-234	3.98E-01	3.56E-01
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	RA-226	5.09E-01	2.58E-01
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	BE-7	1.81E+00	2.27E-01
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	K-40	2.61E+00	3.48E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	TL-208	2.62E-02	1.27E-02
803	0.6 MI SSE - SPOIL POND	2/1/2012	518.6	PB-212	6.42E-02	2.55E-02
803	0.6 MI SSE - SPOIL POND	3/1/2012	561.5	RA-226	4.19E-01	3.22E-01
803	0.6 MI SSE - SPOIL POND	3/1/2012	561.5	BI-214	6.63E-02	2.57E-02
803	0.6 MI SSE - SPOIL POND	3/1/2012	561.5	K-40	3.16E+00	3.87E-01
803	0.6 MI SSE - SPOIL POND	3/1/2012	561.5	BE-7	2.52E+00	2.87E-01
803	0.6 MI SSE - SPOIL POND	3/1/2012	561.5	TH-234	5.44E-01	4.38E-01
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	RA-226	4.57E-01	2.58E-01
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	BE-7	1.50E+00	2.18E-01
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	K-40	2.89E+00	3.61E-01
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	TL-208	2.07E-02	1.33E-02
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	BI-214	7.36E-02	2.97E-02
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	TH-234	5.53E-01	3.26E-01
803	0.6 MI SSE - SPOIL POND	4/1/2012	548.5	PB-212	3.87E-02	1.85E-02
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	BE-7	1.01E+00	1.50E-01
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	K-40	3.37E+00	3.70E-01
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	PB-212	2.38E-02	1.49E-02
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	BI-214	6.36E-02	2.20E-02
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	PB-214	2.09E-02	1.93E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	RA-226	4.16E-01	2.28E-01
803	0.6 MI SSE - SPOIL POND	5/1/2012	590.8	TH-234	3.06E-01	2.75E-01
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	K-40	2.67E+00	3.36E-01
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	BE-7	1.02E+00	1.66E-01
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	TL-208	1.77E-02	1.09E-02
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	PB-212	3.30E-02	2.14E-02
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	BI-214	7.95E-02	2.79E-02
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	PB-214	6.40E-02	2.58E-02
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	RA-226	3.28E-01	2.13E-01
803	0.6 MI SSE - SPOIL POND	6/1/2012	606.2	TH-234	3.95E-01	3.01E-01
803	0.6 MI SSE - SPOIL POND	7/2/2012	516.5	PB-214	3.30E-02	2.86E-02
803	0.6 MI SSE - SPOIL POND	7/2/2012	516.5	PB-212	1.35E-01	3.17E-02
803	0.6 MI SSE - SPOIL POND	7/2/2012	516.5	BI-214	5.91E-02	3.23E-02
803	0.6 MI SSE - SPOIL POND	7/2/2012	516.5	TL-208	3.69E-02	1.74E-02
803	0.6 MI SSE - SPOIL POND	7/2/2012	516.5	BE-7	1.18E+00	1.95E-01
803	0.6 MI SSE - SPOIL POND	7/2/2012	516.5	K-40	4.10E+00	4.87E-01
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	TL-208	2.30E-02	1.35E-02
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	BE-7	1.72E+00	2.20E-01
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	RA-226	4.17E-01	2.68E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	BI-214	4.37E-02	2.21E-02
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	PB-212	5.00E-02	1.91E-02
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	PB-214	4.72E-02	2.88E-02
803	0.6 MI SSE - SPOIL POND	8/1/2012	627.3	K-40	2.04E+00	2.89E-01
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	BE-7	2.38E+00	2.87E-01
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	K-40	2.63E+00	3.63E-01
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	PB-212	3.93E-02	2.74E-02
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	BI-214	5.84E-02	2.47E-02
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	PB-214	3.76E-02	2.50E-02
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	RA-226	4.19E-01	3.83E-01
803	0.6 MI SSE - SPOIL POND	9/3/2012	535.9	TH-234	6.46E-01	3.15E-01
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	BE-7	1.47E+00	2.02E-01
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	TH-234	5.11E-01	2.88E-01
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	RA-226	2.96E-01	2.27E-01
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	PB-214	4.24E-02	2.40E-02
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	BI-214	5.71E-02	2.68E-02
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	K-40	2.69E+00	3.45E-01
803	0.6 MI SSE - SPOIL POND	10/1/2012	539.5	PB-212	4.32E-02	1.98E-02
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	TH-234	3.89E-01	2.60E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	RA-226	4.46E-01	1.81E-01
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	PB-214	3.51E-02	1.84E-02
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	BI-214	2.14E-02	1.93E-02
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	PB-212	2.91E-02	1.59E-02
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	K-40	2.51E+00	3.26E-01
803	0.6 MI SSE - SPOIL POND	11/1/2012	560	BE-7	1.75E+00	2.16E-01
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	PB-212	2.17E-02	1.48E-02
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	BE-7	2.14E+00	2.40E-01
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	TL-208	1.49E-02	8.76E-03
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	BI-214	5.82E-02	1.99E-02
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	TH-234	3.04E-01	2.45E-01
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	RA-226	3.88E-01	1.74E-01
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	PB-214	2.89E-02	2.02E-02
803	0.6 MI SSE - SPOIL POND	12/3/2012	616.5	K-40	2.12E+00	2.76E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	1/2/2012	402.2	BI-214	4.59E-02	3.61E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	1/2/2012	402.2	K-40	3.73E+00	4.81E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	1/2/2012	402.2	BE-7	1.92E+00	2.96E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	BE-7	1.48E+00	2.19E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	RA-226	5.93E-01	2.08E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	BI-214	9.37E-02	2.77E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	TH-234	3.93E-01	3.43E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	PB-212	7.09E-02	2.44E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	TL-208	3.97E-02	1.27E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	2/1/2012	520.8	K-40	2.27E+00	3.13E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	3/1/2012	543.1	RA-226	4.64E-01	2.66E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	3/1/2012	543.1	BE-7	2.80E+00	3.15E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	3/1/2012	543.1	K-40	2.88E+00	3.68E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	3/1/2012	543.1	BI-214	5.03E-02	2.13E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	3/1/2012	543.1	TH-234	3.32E-01	3.29E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	BI-214	4.22E-02	2.37E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	PB-212	1.43E-02	1.28E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	PB-214	2.99E-02	2.43E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	RA-226	4.13E-01	1.91E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	BE-7	1.14E+00	1.73E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	TH-234	3.25E-01	2.61E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	4/1/2012	619.4	K-40	3.14E+00	3.78E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	5/1/2012	633.5	BE-7	1.05E+00	1.63E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	5/1/2012	633.5	PB-214	2.68E-02	2.30E-02

BNP Radiological Environmental Monitoring Gamma Isotopic Report

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

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	5/1/2012	633.5	BI-214	5.92E-02	2.62E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	5/1/2012	633.5	PB-212	4.03E-02	1.84E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	5/1/2012	633.5	TL-208	2.35E-02	1.31E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	5/1/2012	633.5	K-40	3.35E+00	3.89E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	6/1/2012	548.6	TH-234	8.30E-01	3.53E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	6/1/2012	548.6	BE-7	8.99E-01	1.69E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	6/1/2012	548.6	K-40	3.26E+00	4.11E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	6/1/2012	548.6	PB-212	2.80E-02	2.15E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	6/1/2012	548.6	BI-214	5.60E-02	2.71E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	TH-234	4.74E-01	3.06E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	TL-208	2.50E-02	1.24E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	RA-226	3.94E-01	2.39E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	PB-214	6.54E-02	2.90E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	BI-214	9.91E-02	2.93E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	K-40	2.62E+00	3.64E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	BE-7	1.24E+00	1.95E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	7/2/2012	545.1	PB-212	5.54E-02	1.96E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	8/1/2012	546.9	TL-208	1.83E-02	1.38E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	8/1/2012	546.9	BE-7	1.05E+00	1.65E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error	
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	8/1/2012	546.9	PB-212	5.13E-02	2.07E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	8/1/2012	546.9	BI-214	4.71E-02	3.16E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	8/1/2012	546.9	K-40	2.75E+00	3.47E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	8/1/2012	546.9	TH-234	3.81E-01	2.70E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	9/3/2012	531.6	BE-7	1.31E+00	2.02E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	9/3/2012	531.6	BI-214	4.38E-02	2.63E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	9/3/2012	531.6	PB-214	3.38E-02	2.17E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	9/3/2012	531.6	K-40	3.16E+00	3.96E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	10/1/2012	571.1	BI-214	9.94E-02	2.63E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	10/1/2012	571.1	BE-7	6.72E-01	1.57E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	10/1/2012	571.1	PB-212	2.49E-02	2.09E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	10/1/2012	571.1	PB-214	5.95E-02	2.62E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	10/1/2012	571.1	RA-226	4.63E-01	2.74E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	10/1/2012	571.1	K-40	2.53E+00	3.38E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	RA-226	5.13E-01	2.40E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	BE-7	8.18E-01	1.52E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	K-40	2.83E+00	3.67E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	PB-212	2.74E-02	1.90E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	TH-234	4.46E-01	2.91E-01

BNP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: WAX MYRTLE

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	BI-214	3.86E-02	2.14E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	11/1/2012	500.6	PB-212	3.63E-02	2.22E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	12/3/2012	584.1	BI-214	5.61E-02	2.07E-02
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	12/3/2012	584.1	BE-7	6.10E-01	1.24E-01
804	0.7 MILES S - LEONARD STREET PLANT EXIT ADJ	12/3/2012	584.1	K-40	2.60E+00	3.34E+00

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: *Fish and Invertebrates*

Quantity: *GRAMS (wet)*

Concentration (Activity): *pCi/gm wet*

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
700	5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	5/25/2012	1058.1	K-40	3.79E+00	4.26E-01
700	5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	5/25/2012	1058.1	RA-226	2.61E-01	1.98E-01
700	5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	10/18/2012	599.7	PB-214	6.92E-02	2.93E-02
700	5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	10/18/2012	599.7	K-40	4.18E+00	7.26E-01
700	5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	10/18/2012	599.7	BI-214	1.02E-01	4.93E-02
701	5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	5/24/2012	612.5	K-40	4.88E+00	7.87E-01
701	5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	5/24/2012	612.5	TL-208	2.31E-02	1.76E-02
701	5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	5/24/2012	612.5	BI-214	6.52E-02	5.36E-02
701	5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	10/18/2012	822.1	BI-214	3.46E-02	4.30E-02
701	5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	10/18/2012	822.1	K-40	4.15E+00	6.28E-01
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	5/24/2012	535	K-40	3.60E+00	5.53E-01
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	5/24/2012	535	RA-226	4.61E-01	3.41E-01
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	5/24/2012	535	PB-214	6.70E-02	5.16E-02
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	5/24/2012	535	BI-214	1.10E-01	4.39E-02
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	10/18/2012	612.5	K-40	4.58E+00	7.55E-01
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	10/18/2012	612.5	RA-226	3.70E-01	3.54E-01
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	10/18/2012	612.5	BI-214	6.42E-02	4.28E-02
702	5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	10/18/2012	612.5	PB-214	8.90E-02	3.91E-02
703	FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	5/25/2012	850.1	K-40	3.62E+00	5.46E-01
703	FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	5/25/2012	850.1	PB-214	4.76E-02	2.75E-02
703	FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	10/22/2012	471.9	K-40	4.37E+00	7.99E-01
703	FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	10/22/2012	471.9	PB-214	1.19E-01	5.75E-02
703	FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	10/22/2012	471.9	RA-226	9.46E-01	6.64E-01
703	FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	10/22/2012	471.9	BI-214	1.11E-01	4.19E-02
704	BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	5/25/2012	608.8	PB-212	4.14E-02	2.50E-02
704	BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	5/25/2012	608.8	BI-214	9.80E-02	3.93E-02

* *Shellfish/Benthic Organisms*

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Fish and Invertebrates

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
704	BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	5/25/2012	608.8	K-40	4.00E+00	6.79E-01
704	BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	10/22/2012	425.9	K-40	4.11E+00	8.55E-01
704	BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	10/22/2012	425.9	BI-214	1.11E-01	5.01E-02
704	BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	10/22/2012	425.9	PB-214	1.70E-01	7.00E-02
705	SH/BO* - ATLANTIC OCEAN (CONTROL)	5/25/2012	534.6	K-40	2.82E+00	6.98E-01
705	SH/BO* - ATLANTIC OCEAN (CONTROL)	10/22/2012	587.6	PB-214	1.06E-01	5.33E-02
705	SH/BO* - ATLANTIC OCEAN (CONTROL)	10/22/2012	587.6	BI-214	9.55E-02	4.23E-02
705	SH/BO* - ATLANTIC OCEAN (CONTROL)	10/22/2012	587.6	K-40	3.52E+00	6.48E-01
706	NANCY'S CREEK - FREE SWIMMERS	8/28/2012	1000	K-40	2.97E+00	
707	NANCY'S CREEK - BOTTOM FEEDERS	8/28/2012	1000	K-40	2.17E+00	
708	NANCY'S CREEK - SH/BO*	8/28/2012	1000	K-40	2.09E+00	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Ground Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
404	WELL ESS-1B, 0.16 MILES SW	1/16/2012	1	CS-137	<MDA
404	WELL ESS-1B, 0.16 MILES SW	1/16/2012	1	CO-60	<MDA
404	WELL ESS-1B, 0.16 MILES SW	7/11/2012	1	CS-137	<MDA
404	WELL ESS-1B, 0.16 MILES SW	7/11/2012	1	CO-60	<MDA
407	WELL ESS-13B, 0.06 MILES ENE	1/23/2012	1	CO-60	<MDA
407	WELL ESS-13B, 0.06 MILES ENE	1/23/2012	1	CS-137	<MDA
407	WELL ESS-13B, 0.06 MILES ENE	7/12/2012	1	CO-60	<MDA
407	WELL ESS-13B, 0.06 MILES ENE	7/12/2012	1	CS-137	<MDA
409	WELL ESS-17A, 0.65 MILES NE	6/7/2012	1	CS-137	<MDA
409	WELL ESS-17A, 0.65 MILES NE	6/7/2012	1	CO-60	<MDA
409	WELL ESS-17A, 0.65 MILES NE	12/10/2012	1	CS-137	<MDA
409	WELL ESS-17A, 0.65 MILES NE	12/10/2012	1	CO-60	<MDA
410	WELL ESS-17B, 0.65 MILES NE	6/7/2012	1	CO-60	<MDA
410	WELL ESS-17B, 0.65 MILES NE	6/7/2012	1	CS-137	<MDA
410	WELL ESS-17B, 0.65 MILES NE	12/10/2012	1	CO-60	<MDA
410	WELL ESS-17B, 0.65 MILES NE	12/10/2012	1	CS-137	<MDA
418	WELL ESS-21B, NEAR SDSP	1/12/2012	1	CO-60	<MDA
418	WELL ESS-21B, NEAR SDSP	1/12/2012	1	CS-137	<MDA
418	WELL ESS-21B, NEAR SDSP	6/7/2012	1	CO-60	<MDA
418	WELL ESS-21B, NEAR SDSP	6/7/2012	1	CS-137	<MDA
418	WELL ESS-21B, NEAR SDSP	12/10/2012	1	CO-60	<MDA
418	WELL ESS-21B, NEAR SDSP	12/10/2012	1	CS-137	<MDA
423	WELL ESS-24A, NEAR SDSP	7/3/2012	1	CS-137	<MDA
423	WELL ESS-24A, NEAR SDSP	7/3/2012	1	CO-60	<MDA
424	WELL ESS-24B, NEAR SDSP	7/3/2012	1	CS-137	<MDA
424	WELL ESS-24B, NEAR SDSP	7/3/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Ground Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
426	WELL ESS-25B, NEAR SDSP	6/19/2012	1	CO-60	<MDA
426	WELL ESS-25B, NEAR SDSP	6/19/2012	1	CS-137	<MDA
426	WELL ESS-25B, NEAR SDSP	12/27/2012	1	CS-137	<MDA
426	WELL ESS-25B, NEAR SDSP	12/27/2012	1	CO-60	<MDA
429	WELL ESS-27A, NEAR SDSP	6/6/2012	1	CO-60	<MDA
429	WELL ESS-27A, NEAR SDSP	6/6/2012	1	CS-137	<MDA
429	WELL ESS-27A, NEAR SDSP	12/5/2012	1	CO-60	<MDA
429	WELL ESS-27A, NEAR SDSP	12/5/2012	1	CS-137	<MDA
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	6/14/2012	1	CO-60	<MDA
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	6/14/2012	1	CS-137	<MDA
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	12/13/2012	1	CS-137	<MDA
612	WELL ESS MWPA-118B, NEAR INTAKE CANAL & PLANT S	12/13/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Shoreline Sediment

Quantity: GRAMS (dry)

Concentration (Activity): pCi/gm dry

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/1/2012	1703.9	PB-212	5.14E-02	4.49E-02
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/1/2012	1703.9	BI-214	1.16E-01	4.05E-02
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/1/2012	1703.9	K-40	1.54E+00	4.28E-01
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/1/2012	1703.9	PB-214	1.67E-01	5.03E-02
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/29/2012	1454.3	K-40	1.06E+00	4.46E-01
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/29/2012	1454.3	BI-214	2.12E-01	7.00E-02
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/29/2012	1454.3	TL-208	7.35E-02	3.18E-02
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/29/2012	1454.3	PB-214	2.64E-01	7.06E-02
500	5.0 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/29/2012	1454.3	PB-212	1.17E-01	6.51E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	PB-214	6.82E-01	1.24E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	RA-226	2.70E+00	1.22E+00
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	BI-212	4.55E-01	2.99E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	AC-228	7.30E-01	1.80E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	BE-7	5.60E-01	3.77E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	PB-212	6.98E-01	1.13E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	TL-208	2.75E-01	6.19E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	CS-137	2.27E-01	6.05E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	TH-234	2.88E+00	1.93E+00
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	BI-214	4.87E-01	1.20E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	1/17/2012	802.7	K-40	1.24E+01	1.62E+00
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	CS-137	6.43E-02	2.80E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	PB-214	1.77E-01	4.77E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	K-40	3.25E+00	6.09E-01
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	PB-212	2.61E-01	5.38E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	BI-214	1.65E-01	4.65E-02
501	NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	TL-208	9.43E-02	3.08E-02

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Shoreline Sediment

Quantity: GRAMS (dry)

Concentration (Activity): pCi/gm dry

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	6/11/2012	1255.9	BI-212	3.58E-01	1.76E-01
501 NANCY'S CREEK ADJACENT TO WP-55 NEAR STORM DR	12/4/2012	1000	CS-137	2.17E-01	6.32E-02

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	RA-226	1.17E+02	4.48E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	TL-208	4.01E+00	1.87E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	K-40	8.50E+02	6.56E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	PB-212	6.68E+00	3.27E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	TH-234	1.55E+02	6.48E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	BI-214	1.20E+01	3.94E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	PB-214	7.44E+00	3.97E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	1/17/2012	1	AC-228	1.37E+01	5.73E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	K-40	5.26E+02	4.44E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	RA-226	2.21E+02	4.79E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	PB-214	7.53E+00	3.19E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	BI-214	1.33E+01	3.63E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	PB-212	6.95E+00	2.36E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	TL-208	4.90E+00	1.94E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	2/15/2012	1	TH-234	2.18E+02	5.55E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	RA-226	1.78E+02	4.06E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	PB-214	1.15E+01	3.32E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	K-40	4.68E+02	4.24E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	BI-214	1.61E+01	4.13E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	TH-234	2.17E+02	5.63E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	PB-212	8.30E+00	2.60E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	3/16/2012	1	TL-208	2.21E+00	1.62E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	BI-214	1.57E+01	3.67E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	PB-214	1.33E+01	3.84E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	TH-234	2.07E+02	5.18E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	AC-228	1.19E+01	6.19E+00

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	RA-226	2.13E+02	4.03E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	K-40	4.88E+02	4.17E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	TL-208	5.89E+00	1.99E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	4/16/2012	1	PB-212	1.01E+01	2.77E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	TH-234	2.41E+02	5.51E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	RA-226	2.05E+02	4.05E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	PB-214	1.51E+01	3.69E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	BI-214	1.87E+01	3.86E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	TL-208	3.29E+00	1.73E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	PB-212	1.11E+01	2.53E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	5/16/2012	1	K-40	4.90E+02	4.88E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	1	K-40	5.08E+02	4.37E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	1	TH-234	2.37E+02	6.02E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	1	RA-226	1.97E+02	3.69E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	1	BI-214	2.37E+01	4.12E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	1	PB-212	8.57E+00	2.38E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	6/16/2012	1	PB-214	2.00E+01	4.43E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	PB-214	7.82E+00	4.21E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	BI-214	9.13E+00	3.16E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	TL-208	4.07E+00	2.23E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	TH-234	1.85E+02	6.93E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	AC-228	1.38E+01	7.22E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	K-40	8.10E+02	6.30E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	PB-212	5.87E+00	2.92E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	7/17/2012	1	RA-226	1.70E+02	5.06E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	PB-214	1.52E+01	3.75E+00

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	K-40	5.20E+02	4.48E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	TL-208	3.03E+00	1.75E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	PB-212	8.71E+00	2.39E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	BI-214	1.55E+01	3.58E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	TH-234	1.75E+02	5.04E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	8/17/2012	1	RA-226	2.11E+02	3.79E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	PB-214	8.42E+00	3.16E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	K-40	4.82E+02	4.20E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	PB-212	8.72E+00	2.59E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	RA-226	1.82E+02	3.68E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	TL-208	3.65E+00	1.50E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	TH-234	2.31E+02	6.06E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	9/17/2012	1	BI-214	1.53E+01	3.58E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	TH-234	1.90E+02	4.88E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	K-40	7.41E+02	5.47E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	AC-228	1.36E+01	5.80E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	RA-226	1.67E+02	3.69E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	BI-212	1.48E+01	1.03E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	PB-212	1.09E+01	2.79E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	BI-214	1.49E+01	3.17E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	PB-214	1.26E+01	3.27E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	10/16/2012	1	TL-208	6.88E+00	1.62E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	TH-234	2.14E+02	4.85E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	PB-212	1.54E+01	1.75E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	TL-208	4.51E+00	1.47E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	AC-228	1.51E+01	5.36E+00

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	RA-226	2.00E+02	3.76E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	K-40	7.42E+02	5.45E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	PB-214	1.35E+01	3.10E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	11/17/2012	1	BI-214	1.76E+01	3.13E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	RA-226	2.04E+02	3.30E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	K-40	5.40E+02	5.25E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	TL-208	4.78E+00	1.52E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	PB-212	9.18E+00	1.51E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	PB-214	1.73E+01	3.39E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	TH-234	2.16E+02	4.79E+01
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	AC-228	1.13E+01	4.35E+00
400	0.6 MI NE - INTAKE CANAL (CONTROL)	12/17/2012	1	BI-214	1.82E+01	3.45E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	K-40	5.00E+02	5.04E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	TH-234	2.14E+02	5.03E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	PB-214	1.49E+01	3.52E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	BI-214	1.93E+01	4.05E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	TL-208	7.14E+00	2.51E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	RA-226	2.01E+02	4.07E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/17/2012	1	PB-212	9.98E+00	2.74E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	TH-234	1.32E+02	7.00E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	AC-228	7.97E+00	5.55E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	RA-226	1.06E+02	3.96E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	PB-214	5.39E+00	3.54E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	BI-214	8.34E+00	3.32E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	PB-212	7.49E+00	3.16E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	K-40	7.88E+02	6.19E+01

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/15/2012	1	TL-208	4.37E+00	1.66E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	TL-208	4.08E+00	1.79E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	TH-234	2.33E+02	6.60E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	PB-214	1.26E+01	3.73E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	RA-226	2.09E+02	4.00E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	BI-214	1.95E+01	4.37E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	PB-212	1.01E+01	2.52E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/16/2012	1	K-40	4.41E+02	4.74E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	BI-214	1.23E+01	4.30E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	PB-212	8.14E+00	3.23E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	PB-214	9.74E+00	3.84E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	RA-226	8.13E+01	4.52E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	K-40	8.05E+02	6.43E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	AC-228	1.53E+01	6.75E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/16/2012	1	TL-208	4.81E+00	2.36E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	TL-208	4.80E+00	1.91E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	K-40	7.64E+02	5.70E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	PB-212	1.39E+01	3.15E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	PB-214	1.69E+01	4.12E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	AC-228	1.57E+01	5.88E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	TH-234	2.20E+02	5.75E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	RA-226	1.92E+02	3.82E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/16/2012	1	BI-214	1.97E+01	4.04E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	PB-212	8.18E+00	3.12E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	TH-234	1.15E+02	6.39E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	AC-228	7.18E+00	6.16E+00

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	RA-226	1.43E+02	4.41E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	BI-214	1.16E+01	3.53E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	TL-208	3.23E+00	1.47E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	K-40	8.04E+02	6.54E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/16/2012	1	PB-214	7.37E+00	3.84E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	PB-212	8.46E+00	2.42E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	K-40	5.20E+02	5.35E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	BI-214	1.32E+01	3.51E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	PB-214	1.04E+01	3.06E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	RA-226	2.03E+02	3.92E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	AC-228	4.86E+00	5.38E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	TH-234	2.20E+02	5.96E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/17/2012	1	TL-208	4.27E+00	2.00E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	PB-212	6.88E+00	3.12E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	K-40	7.63E+02	6.21E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	TL-208	3.08E+00	2.34E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	BI-214	1.16E+01	3.87E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	PB-214	7.01E+00	3.29E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	RA-226	1.23E+02	4.45E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/17/2012	1	TH-234	9.94E+01	5.76E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	BI-214	1.22E+01	3.41E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	PB-214	1.26E+01	4.35E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	RA-226	2.08E+02	4.68E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	TH-234	2.74E+02	6.18E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	K-40	4.50E+02	4.62E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	TL-208	6.41E+00	1.83E+00

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>	
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/17/2012	1	PB-212	1.06E+01	2.52E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	PB-214	1.33E+01	3.25E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	TH-234	2.11E+02	5.28E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	K-40	5.38E+02	4.31E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	TL-208	4.24E+00	1.57E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	PB-212	5.94E+00	2.36E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	RA-226	1.58E+02	3.00E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/16/2012	1	BI-214	1.30E+01	3.17E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	RA-226	1.89E+02	3.02E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	TH-234	1.81E+02	4.81E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	PB-214	1.86E+01	3.34E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	BI-214	2.06E+01	3.60E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	PB-212	5.66E+00	2.39E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	TL-208	3.98E+00	1.57E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/17/2012	1	K-40	5.15E+02	4.23E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	BI-214	2.61E+01	3.72E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	RA-226	1.84E+02	3.04E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	TL-208	4.56E+00	1.64E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	K-40	5.61E+02	4.44E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	TH-234	1.64E+02	4.46E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	PB-214	1.87E+01	3.45E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/17/2012	1	PB-212	1.08E+01	4.71E+00
494	NANCY'S CREEK - WP-106	1/5/2012	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1/5/2012	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1/5/2012	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1/5/2012	1	NB-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1/5/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	1/5/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	1/5/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	1/5/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	1/5/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	1/5/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	1/5/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	1/10/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	1/18/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	2/9/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	2/9/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	2/14/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	2/22/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	2/22/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	2/29/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	3/9/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	3/9/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	3/16/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	3/20/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	3/29/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	3/29/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	4/3/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	4/10/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	4/10/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	4/17/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	4/23/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	4/23/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	4/30/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	5/8/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	5/14/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	5/14/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	5/24/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	5/29/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494 NANCY'S CREEK - WP-106	5/29/2012	1	CO-58	<MDA	
494 NANCY'S CREEK - WP-106	5/29/2012	1	FE-59	<MDA	
494 NANCY'S CREEK - WP-106	5/29/2012	1	MN-54	<MDA	
494 NANCY'S CREEK - WP-106	5/29/2012	1	BA-LA-140	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	FE-59	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	BA-LA-140	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	CO-60	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	ZN-65	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	CS-137	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	CS-134	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	I-131	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	NB-95	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	ZR-95	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	CO-58	<MDA	
494 NANCY'S CREEK - WP-106	6/5/2012	1	MN-54	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	CS-137	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	ZR-95	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	ZN-65	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	MN-54	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	FE-59	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	CO-60	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	NB-95	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	CS-134	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	BA-LA-140	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	CO-58	<MDA	
494 NANCY'S CREEK - WP-106	6/12/2012	1	I-131	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
494	NANCY'S CREEK - WP-106	6/19/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	6/19/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	6/27/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	7/3/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	7/3/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	7/10/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	7/17/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	7/17/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	7/24/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	7/31/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	8/6/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	8/6/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	8/14/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
494	NANCY'S CREEK - WP-106	8/20/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	8/20/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	8/28/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	9/4/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	9/4/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	9/12/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	ZR-95	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	CS-134	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	BA-LA-140	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	NB-95	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	9/18/2012	1	ZN-65	<MDA
494	NANCY'S CREEK - WP-106	9/26/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	9/26/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-134	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-58	<MDA	
494	NANCY'S CREEK - WP-106	1	CO-60	<MDA	
494	NANCY'S CREEK - WP-106	1	FE-59	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	CS-137	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	MN-54	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	
494	NANCY'S CREEK - WP-106	1	I-131	<MDA	
494	NANCY'S CREEK - WP-106	1	BA-LA-140	<MDA	
494	NANCY'S CREEK - WP-106	1	ZN-65	<MDA	
494	NANCY'S CREEK - WP-106	1	ZR-95	<MDA	
494	NANCY'S CREEK - WP-106	1	NB-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
494	NANCY'S CREEK - WP-106	12/31/2012	1	I-131	<MDA
494	NANCY'S CREEK - WP-106	12/31/2012	1	CS-137	<MDA
494	NANCY'S CREEK - WP-106	12/31/2012	1	CO-60	<MDA
494	NANCY'S CREEK - WP-106	12/31/2012	1	MN-54	<MDA
494	NANCY'S CREEK - WP-106	12/31/2012	1	CO-58	<MDA
494	NANCY'S CREEK - WP-106	12/31/2012	1	FE-59	<MDA
494	NANCY'S CREEK - WP-106	12/31/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	NB-95	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	MN-54	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	BA-LA-140	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	I-131	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	CS-137	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	CO-58	<MDA
495	NANCY'S CREEK - WP-52	2/7/2012	1	CO-60	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	MN-54	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	CS-137	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	BA-LA-140	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	NB-95	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	CO-60	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
495	NANCY'S CREEK - WP-52	2/29/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	2/29/2012	1	I-131	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	I-131	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	BA-LA-140	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	CS-137	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	NB-95	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	MN-54	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	CO-58	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	CO-60	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	3/29/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	CS-137	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	MN-54	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	BA-LA-140	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	I-131	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	NB-95	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	CO-60	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	CO-58	<MDA
495	NANCY'S CREEK - WP-52	5/9/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
495	NANCY'S CREEK - WP-52	6/6/2012	1	CO-60	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	NB-95	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	BA-LA-140	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	CO-58	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	I-131	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	6/6/2012	1	MN-54	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	CO-58	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	NB-95	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	I-131	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	MN-54	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	BA-LA-140	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	CS-137	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	CO-60	<MDA
495	NANCY'S CREEK - WP-52	6/27/2012	1	CS-134	<MDA
495	NANCY'S CREEK - WP-52	8/1/2012	1	ZR-95	<MDA
495	NANCY'S CREEK - WP-52	8/1/2012	1	CO-58	<MDA
495	NANCY'S CREEK - WP-52	8/1/2012	1	FE-59	<MDA
495	NANCY'S CREEK - WP-52	8/1/2012	1	ZN-65	<MDA
495	NANCY'S CREEK - WP-52	8/1/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
495 NANCY'S CREEK - WP-52	8/1/2012	1	I-131	<MDA	
495 NANCY'S CREEK - WP-52	8/1/2012	1	MN-54	<MDA	
495 NANCY'S CREEK - WP-52	8/1/2012	1	CS-134	<MDA	
495 NANCY'S CREEK - WP-52	8/1/2012	1	CS-137	<MDA	
495 NANCY'S CREEK - WP-52	8/1/2012	1	BA-LA-140	<MDA	
495 NANCY'S CREEK - WP-52	8/1/2012	1	CO-60	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	MN-54	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	NB-95	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	ZR-95	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	BA-LA-140	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	CS-137	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	CS-134	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	ZN-65	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	CO-60	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	CO-58	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	I-131	<MDA	
495 NANCY'S CREEK - WP-52	9/10/2012	1	FE-59	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	I-131	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	NB-95	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	BA-LA-140	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	MN-54	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	CS-137	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	CS-134	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	ZN-65	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	CO-60	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	CO-58	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
495 NANCY'S CREEK - WP-52	10/3/2012	1	FE-59	<MDA	
495 NANCY'S CREEK - WP-52	10/3/2012	1	ZR-95	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	BA-LA-140	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	MN-54	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	CS-134	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	NB-95	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	ZR-95	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	CO-60	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	CO-58	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	I-131	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	FE-59	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	ZN-65	<MDA	
495 NANCY'S CREEK - WP-52	10/31/2012	1	CS-137	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	CS-134	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	BA-LA-140	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	FE-59	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	CS-137	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	I-131	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	NB-95	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	ZN-65	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	CO-58	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	MN-54	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	CO-60	<MDA	
495 NANCY'S CREEK - WP-52	12/4/2012	1	ZR-95	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	ZN-65	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	CO-60	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
495 NANCY'S CREEK - WP-52	12/27/2012	1	CS-134	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	MN-54	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	FE-59	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	ZR-95	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	I-131	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	CO-58	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	CS-137	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	BA-LA-140	<MDA	
495 NANCY'S CREEK - WP-52	12/27/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	2/7/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	CO-58	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
496 NANCY'S CREEK - WP-53	2/29/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	2/29/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	3/29/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	5/9/2012	1	CS-134	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
496 NANCY'S CREEK - WP-53	5/9/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	6/6/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	6/27/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	BA-LA-140	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
496 NANCY'S CREEK - WP-53	8/1/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	8/1/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	9/10/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	ZN-65	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
496 NANCY'S CREEK - WP-53	10/3/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	10/3/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	ZN-65	<MDA	
496 NANCY'S CREEK - WP-53	10/31/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	CO-58	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	BA-LA-140	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	NB-95	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	CS-137	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	ZR-95	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	I-131	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	CO-60	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	FE-59	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	MN-54	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	CS-134	<MDA	
496 NANCY'S CREEK - WP-53	12/4/2012	1	ZN-65	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
496	NANCY'S CREEK - WP-53	12/27/2012	1	I-131	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	FE-59	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	CO-58	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	CO-60	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	ZN-65	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	CS-134	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	CS-137	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	BA-LA-140	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	NB-95	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	ZR-95	<MDA
496	NANCY'S CREEK - WP-53	12/27/2012	1	MN-54	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	CO-58	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	CO-60	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	ZN-65	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	BA-LA-140	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	MN-54	<MDA
497	NANCY'S CREEK - WP-55	2/7/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	2/29/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	2/29/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	2/29/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	2/29/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
497 NANCY'S CREEK - WP-55	2/29/2012	1	CS-137	<MDA	
497 NANCY'S CREEK - WP-55	2/29/2012	1	BA-LA-140	<MDA	
497 NANCY'S CREEK - WP-55	2/29/2012	1	MN-54	<MDA	
497 NANCY'S CREEK - WP-55	2/29/2012	1	CO-58	<MDA	
497 NANCY'S CREEK - WP-55	2/29/2012	1	CO-60	<MDA	
497 NANCY'S CREEK - WP-55	2/29/2012	1	ZN-65	<MDA	
497 NANCY'S CREEK - WP-55	2/29/2012	1	I-131	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	CS-134	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	FE-59	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	CS-137	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	BA-LA-140	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	ZR-95	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	MN-54	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	I-131	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	ZN-65	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	CO-60	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	NB-95	<MDA	
497 NANCY'S CREEK - WP-55	3/29/2012	1	CO-58	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	CO-58	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	FE-59	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	CO-60	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	ZN-65	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	MN-54	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	ZR-95	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	CS-137	<MDA	
497 NANCY'S CREEK - WP-55	5/9/2012	1	CS-134	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
497	NANCY'S CREEK - WP-55	5/9/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	5/9/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	5/9/2012	1	BA-LA-140	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	MN-54	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	BA-LA-140	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	CO-58	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	ZN-65	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	6/6/2012	1	CO-60	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	ZN-65	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	CO-58	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	BA-LA-140	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	CO-60	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	MN-54	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	6/27/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
497	NANCY'S CREEK - WP-55	8/1/2012	1	BA-LA-140	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	ZN-65	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	CO-58	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	8/1/2012	1	CO-60	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	CO-58	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	BA-LA-140	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	CO-60	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	ZN-65	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	MN-54	<MDA
497	NANCY'S CREEK - WP-55	9/10/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	10/3/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	10/3/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	10/3/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	10/3/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	10/3/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
497	NANCY'S CREEK - WP-55	1	CO-60	<MDA	
497	NANCY'S CREEK - WP-55	1	BA-LA-140	<MDA	
497	NANCY'S CREEK - WP-55	1	CO-58	<MDA	
497	NANCY'S CREEK - WP-55	1	ZN-65	<MDA	
497	NANCY'S CREEK - WP-55	1	FE-59	<MDA	
497	NANCY'S CREEK - WP-55	1	CS-134	<MDA	
497	NANCY'S CREEK - WP-55	1	I-131	<MDA	
497	NANCY'S CREEK - WP-55	1	CS-134	<MDA	
497	NANCY'S CREEK - WP-55	1	FE-59	<MDA	
497	NANCY'S CREEK - WP-55	1	CO-58	<MDA	
497	NANCY'S CREEK - WP-55	1	CO-60	<MDA	
497	NANCY'S CREEK - WP-55	1	ZR-95	<MDA	
497	NANCY'S CREEK - WP-55	1	MN-54	<MDA	
497	NANCY'S CREEK - WP-55	1	CS-137	<MDA	
497	NANCY'S CREEK - WP-55	1	BA-LA-140	<MDA	
497	NANCY'S CREEK - WP-55	1	NB-95	<MDA	
497	NANCY'S CREEK - WP-55	1	ZN-65	<MDA	
497	NANCY'S CREEK - WP-55	1	ZR-95	<MDA	
497	NANCY'S CREEK - WP-55	1	BA-LA-140	<MDA	
497	NANCY'S CREEK - WP-55	1	CO-60	<MDA	
497	NANCY'S CREEK - WP-55	1	CO-58	<MDA	
497	NANCY'S CREEK - WP-55	1	MN-54	<MDA	
497	NANCY'S CREEK - WP-55	1	ZN-65	<MDA	
497	NANCY'S CREEK - WP-55	1	NB-95	<MDA	
497	NANCY'S CREEK - WP-55	1	I-131	<MDA	
497	NANCY'S CREEK - WP-55	1	CS-137	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
497	NANCY'S CREEK - WP-55	12/4/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	12/4/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	CO-58	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	NB-95	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	MN-54	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	FE-59	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	ZR-95	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	CO-60	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	ZN-65	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	I-131	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	CS-134	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	CS-137	<MDA
497	NANCY'S CREEK - WP-55	12/27/2012	1	BA-LA-140	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	FE-59	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	MN-54	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	ZN-65	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	CS-134	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	I-131	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	CS-137	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	NB-95	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	BA-LA-140	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	ZR-95	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	CO-60	<MDA
498	NANCY'S CREEK - WP-57	2/7/2012	1	CO-58	<MDA
498	NANCY'S CREEK - WP-57	2/29/2012	1	MN-54	<MDA
498	NANCY'S CREEK - WP-57	2/29/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
498 NANCY'S CREEK - WP-57	2/29/2012	1	FE-59	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	CO-60	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	2/29/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	MN-54	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	FE-59	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	CO-60	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	3/29/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	FE-59	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	CO-60	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	BA-LA-140	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
498 NANCY'S CREEK - WP-57	5/9/2012	1	MN-54	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	5/9/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	CO-60	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	FE-59	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	MN-54	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	6/6/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	MN-54	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	FE-59	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	6/27/2012	1	CO-60	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
498	NANCY'S CREEK - WP-57	6/27/2012	1	ZN-65	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	FE-59	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	CS-137	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	CS-134	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	I-131	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	NB-95	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	ZN-65	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	BA-LA-140	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	MN-54	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	CO-58	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	CO-60	<MDA
498	NANCY'S CREEK - WP-57	8/1/2012	1	ZR-95	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	ZN-65	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	CO-58	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	CS-137	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	CS-134	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	FE-59	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	CO-60	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	ZR-95	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	NB-95	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	I-131	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	MN-54	<MDA
498	NANCY'S CREEK - WP-57	9/10/2012	1	BA-LA-140	<MDA
498	NANCY'S CREEK - WP-57	10/3/2012	1	CO-60	<MDA
498	NANCY'S CREEK - WP-57	10/3/2012	1	NB-95	<MDA
498	NANCY'S CREEK - WP-57	10/3/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
498 NANCY'S CREEK - WP-57	10/3/2012	1	MN-54	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	10/3/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	CO-60	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	MN-54	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	FE-59	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	CO-58	<MDA	
498 NANCY'S CREEK - WP-57	10/31/2012	1	I-131	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	ZR-95	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	BA-LA-140	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	CS-137	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	CS-134	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	NB-95	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	ZN-65	<MDA	
498 NANCY'S CREEK - WP-57	12/4/2012	1	CO-60	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
498	NANCY'S CREEK - WP-57	12/4/2012	1	CO-58	<MDA
498	NANCY'S CREEK - WP-57	12/4/2012	1	MN-54	<MDA
498	NANCY'S CREEK - WP-57	12/4/2012	1	FE-59	<MDA
498	NANCY'S CREEK - WP-57	12/4/2012	1	I-131	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	ZN-65	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	CO-60	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	FE-59	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	ZR-95	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	CS-134	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	BA-LA-140	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	NB-95	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	I-131	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	MN-54	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	CO-58	<MDA
498	NANCY'S CREEK - WP-57	12/27/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/7/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	2/29/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	3/29/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	5/9/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/6/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	6/27/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	8/1/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	9/10/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	10/3/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	NB-95	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CS-137	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	MN-54	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	ZN-65	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CO-60	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	BA-LA-140	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CS-134	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	I-131	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CO-58	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	ZR-95	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CS-137	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CO-60	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	BA-LA-140	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CS-134	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	I-131	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	NB-95	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	ZR-95	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	FE-59	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	MN-54	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	ZN-65	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CO-58	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	I-131	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CO-60	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	ZN-65	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	BA-LA-140	<MDA	
499	CAPE FEAR RIVER - WP-61 - CONTROL	1	CS-134	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	ZR-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/4/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	I-131	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	CO-58	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	FE-59	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	CO-60	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	NB-95	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	ZN-65	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	CS-134	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	CS-137	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	MN-54	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	BA-LA-140	<MDA
499	CAPE FEAR RIVER - WP-61 - CONTROL	12/27/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/5/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/10/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/18/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	1/24/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/2/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/9/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/14/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	2/22/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	2/29/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/9/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/16/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/20/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	3/29/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/3/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/10/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/17/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/23/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	4/30/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/8/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/14/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/24/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	5/29/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/5/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/12/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/19/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	6/27/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/3/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/10/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/17/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/24/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	7/31/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/6/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/14/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	8/20/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	8/28/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/4/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/12/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/18/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	9/26/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/3/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	10/9/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	1	CO-60	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CS-137	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	MN-54	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CO-58	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	ZN-65	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	ZR-95	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	NB-95	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	BA-LA-140	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	I-131	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	FE-59	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CS-134	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CO-58	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	ZN-65	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	FE-59	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CS-134	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CO-60	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CS-137	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	I-131	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	NB-95	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	BA-LA-140	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	ZR-95	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	MN-54	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	NB-95	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	ZN-65	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	ZR-95	<MDA	
604	NANCY'S CREEK MARSH AREA --WP-92	1	CO-58	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	FE-59	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	MN-54	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	BA-LA-140	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	CS-137	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	I-131	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	CS-134	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	10/31/2012	1	CO-60	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	CO-60	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	FE-59	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	MN-54	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	CO-58	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	NB-95	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	CS-134	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	I-131	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	BA-LA-140	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	ZR-95	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	CS-137	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/7/2012	1	ZN-65	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	CS-137	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	CO-60	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	MN-54	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	CO-58	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	ZN-65	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	I-131	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	BA-LA-140	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	CS-134	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/14/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/20/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	11/27/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/4/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	CS-134	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	BA-LA-140	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	I-131	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	NB-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	CO-60	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	ZN-65	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/11/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	CO-58	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	ZR-95	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	MN-54	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	FE-59	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604 NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	ZN-65	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	CS-134	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	BA-LA-140	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	I-131	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	NB-95	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/18/2012	1	CO-60	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	FE-59	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	MN-54	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	CO-60	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	ZR-95	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	I-131	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	CS-134	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	CS-137	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	BA-LA-140	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	CO-58	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	NB-95	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/26/2012	1	ZN-65	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	MN-54	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	ZN-65	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	BA-LA-140	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	CS-134	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	I-131	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	ZR-95	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	CO-60	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	FE-59	<MDA	
604 NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	NB-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
604	NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	CS-137	<MDA
604	NANCY'S CREEK MARSH AREA --WP-92	12/31/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/5/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/10/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/18/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	1/24/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/2/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/9/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	2/14/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/22/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	2/29/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/9/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/16/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/20/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	3/29/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/3/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/10/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/17/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	I-131	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	ZN-65	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	CO-60	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	CO-58	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	BA-LA-140	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	FE-59	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/23/2012	1	ZR-95	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	ZR-95	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	BA-LA-140	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	MN-54	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	CS-137	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	NB-95	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	ZN-65	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	CO-60	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	CO-58	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	CS-134	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	FE-59	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	4/30/2012	1	I-131	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	CO-60	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	ZN-65	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	I-131	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	MN-54	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	FE-59	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	ZR-95	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	NB-95	<MDA	
605 NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	CS-134	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/8/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/14/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/24/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	5/29/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/5/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/12/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/19/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	6/26/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/3/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/10/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/17/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/24/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	7/31/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/7/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	8/14/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/20/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	8/28/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/4/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/12/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/18/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	9/26/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/3/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/9/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/18/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/23/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	10/31/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/7/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/14/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/20/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	11/27/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/4/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/11/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	CO-60	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/18/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/26/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	FE-59	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	I-131	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	CS-137	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	ZR-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	ZN-65	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	CO-58	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	MN-54	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	CS-134	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	NB-95	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	BA-LA-140	<MDA
605	NANCY'S CREEK MARSH AREA -- WP-72	12/31/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/5/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/10/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/18/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	1/24/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/2/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	2/9/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/14/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/22/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	2/29/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/9/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/16/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/20/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	3/29/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/3/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/10/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/17/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/23/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	4/30/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/8/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/14/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/24/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	5/29/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	FE-59	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/5/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/12/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	ZN-65	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/19/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	6/26/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/3/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/10/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/17/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/24/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	7/31/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	8/7/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/14/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/20/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	8/28/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/4/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/12/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/18/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	9/26/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/3/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/9/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	CS-137	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/18/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/23/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	10/31/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	1	BA-LA-140	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CO-58	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	NB-95	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	ZR-95	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CS-137	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	MN-54	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	FE-59	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CO-58	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	ZN-65	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	NB-95	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	I-131	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CS-134	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CO-60	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	BA-LA-140	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	ZN-65	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CO-60	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	BA-LA-140	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	MN-54	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	FE-59	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	ZR-95	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	NB-95	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	I-131	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CS-134	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CS-137	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	CO-58	<MDA	
606	NANCY'S CREEK MARSH AREA -- WP-74	1	ZR-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/20/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	11/27/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	MN-54	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/4/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	CO-60	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	BA-LA-140	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/11/2012	1	CO-58	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	NB-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	ZR-95	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	MN-54	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	FE-59	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	ZN-65	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	I-131	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	CS-134	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	CS-137	<MDA	
606 NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	BA-LA-140	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
606	NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/18/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	BA-LA-140	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/26/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	ZR-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	MN-54	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	CS-134	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	CS-137	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	NB-95	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	ZN-65	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	CO-60	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	I-131	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	FE-59	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	CO-58	<MDA
606	NANCY'S CREEK MARSH AREA -- WP-74	12/31/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/5/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/10/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/18/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	1/24/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	2/2/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/9/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/14/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/22/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	2/29/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/9/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/16/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/20/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	3/29/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/3/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/10/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/17/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/23/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	4/30/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/8/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/14/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/24/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	5/29/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/5/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/12/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/19/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	6/26/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/3/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/10/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/17/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/24/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	7/31/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/7/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/14/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/20/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	8/28/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/4/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/12/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/18/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	9/26/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/3/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/9/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/18/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/23/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	10/31/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/7/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/14/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CS-137	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	BA-LA-140	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CS-134	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	NB-95	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CO-60	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CO-58	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	MN-54	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	FE-59	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	I-131	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	ZR-95	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CO-60	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	MN-54	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	BA-LA-140	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CS-134	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	I-131	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	NB-95	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	ZN-65	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	FE-59	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CO-58	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CS-137	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	ZR-95	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CO-58	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	BA-LA-140	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	CS-134	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	MN-54	<MDA	
607	NANCY'S CREEK MARSH AREA -- WP-76	1	FE-59	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	11/27/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/4/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/11/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/18/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	MN-54	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/26/2012	1	ZN-65	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	I-131	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	CO-60	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	CO-58	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	FE-59	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	NB-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	CS-137	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	BA-LA-140	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	CS-134	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	ZR-95	<MDA
607	NANCY'S CREEK MARSH AREA -- WP-76	12/31/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/5/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/10/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/18/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	1/24/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/2/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/9/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/14/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/22/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	2/29/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/9/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/16/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/20/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	3/29/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/3/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/10/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/17/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/23/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	4/30/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/8/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/14/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/24/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	5/29/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608 NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	ZN-65	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/5/2012	1	CO-58	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	I-131	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	CS-134	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	FE-59	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	NB-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	CS-137	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	ZR-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	ZN-65	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	CO-60	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	CO-58	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	MN-54	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/12/2012	1	BA-LA-140	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	I-131	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	ZR-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	MN-54	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	FE-59	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	CO-58	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	CS-134	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	CS-137	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	BA-LA-140	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	CO-60	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	NB-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/19/2012	1	ZN-65	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	NB-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	FE-59	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	6/26/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/3/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/10/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/17/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	7/24/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	7/31/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/6/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/14/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/20/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	8/28/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/4/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/12/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/18/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	9/26/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	CO-60	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	ZR-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	NB-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	CS-134	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	BA-LA-140	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	I-131	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/3/2012	1	CO-58	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	ZN-65	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	ZR-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	MN-54	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	FE-59	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	CO-60	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	I-131	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	CS-134	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	CS-137	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	CO-58	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	BA-LA-140	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/9/2012	1	NB-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	ZN-65	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	MN-54	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	FE-59	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	CO-58	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	BA-LA-140	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	ZR-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	NB-95	<MDA	
608 NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	I-131	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/18/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/23/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	10/31/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/7/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/7/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/14/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/20/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/20/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/20/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/20/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA – WP-82	11/20/2012	1	ZN-65	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/20/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	11/27/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/4/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/11/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/18/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	FE-59	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/26/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	CO-60	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	CS-137	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	ZN-65	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	MN-54	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	CO-58	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	ZR-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	NB-95	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	CS-134	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	BA-LA-140	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	I-131	<MDA
608	NANCY'S CREEK MARSH AREA -- WP-82	12/31/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/5/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/10/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
609 NANCY'S CREEK MARSH AREA -- WP-84	1/18/2012	1	NB-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	NB-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	BA-LA-140	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	MN-54	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	CS-137	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	I-131	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	ZN-65	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	CO-60	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	CO-58	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	CS-134	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	FE-59	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	1/24/2012	1	ZR-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	ZR-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	MN-54	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	FE-59	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	CO-58	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	ZN-65	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	NB-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	I-131	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	CS-134	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	BA-LA-140	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	CS-137	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/2/2012	1	CO-60	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	ZN-65	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	I-131	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	FE-59	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/9/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/14/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/22/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	2/29/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/9/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/16/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/20/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	3/29/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/3/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/10/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/17/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/23/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	I-131	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	CO-58	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	BA-LA-140	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	FE-59	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	ZN-65	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	ZR-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	NB-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	CS-134	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	MN-54	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	4/30/2012	1	CS-137	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	NB-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	CO-60	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	MN-54	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	FE-59	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	CO-58	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	I-131	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	CS-134	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	CS-137	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	ZN-65	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	ZR-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/8/2012	1	BA-LA-140	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	NB-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	ZR-95	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	BA-LA-140	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	CS-137	<MDA	
609 NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	I-131	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/14/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/24/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	5/29/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/5/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/12/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/19/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	6/26/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/3/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/10/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	7/17/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/24/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	7/31/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/6/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/14/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	CO-58	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/20/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	8/28/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/4/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/12/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/18/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	MN-54	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	9/26/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/3/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	CS-134	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/9/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/18/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/23/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	10/31/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/7/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/14/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/20/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	11/27/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/4/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/11/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	CO-60	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/18/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	ZN-65	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	NB-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/26/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	CO-60	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	CO-58	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	I-131	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	MN-54	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	FE-59	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	CS-134	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	ZR-95	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	CS-137	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	BA-LA-140	<MDA
609	NANCY'S CREEK MARSH AREA -- WP-84	12/31/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/5/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	I-131	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	1/10/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/18/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	1/24/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/2/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/9/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	CS-137	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/14/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/22/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	2/29/2012	1	ZR-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/9/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/16/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	CO-60	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/20/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	3/29/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/3/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/10/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/17/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	NB-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/23/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	4/30/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/8/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/14/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	ZN-65	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/24/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	5/29/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/5/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/12/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/19/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	CO-58	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	6/26/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/3/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	CS-137	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	7/10/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/17/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/24/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	BA-LA-140	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	7/31/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/6/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	FE-59	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

Sample Point	Sample Date	Quantity	Isotope	Activity	2 Sigma Error
610 NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/14/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/20/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	8/28/2012	1	CS-134	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/4/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/12/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	CO-58	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/18/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	9/26/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	ZR-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610	NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/3/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/9/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	CS-137	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	FE-59	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	ZN-65	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	MN-54	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	BA-LA-140	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	CS-134	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	I-131	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	NB-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	ZR-95	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	CO-58	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/18/2012	1	CO-60	<MDA
610	NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	NB-95	<MDA

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/23/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	10/31/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	I-131	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/7/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/14/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	I-131	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/20/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	11/27/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/4/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	NB-95	<MDA	

BSEP Radiological Environmental Monitoring Gamma Isotopic Report

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/11/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/18/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	FE-59	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	CS-137	<MDA	

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<i>Sample Point</i>	<i>Sample Date</i>	<i>Quantity</i>	<i>Isotope</i>	<i>Activity</i>	<i>2 Sigma Error</i>
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/26/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	MN-54	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	ZN-65	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	ZR-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	NB-95	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	BA-LA-140	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	CO-58	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	CS-134	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	CO-60	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	CS-137	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	I-131	<MDA	
610 NANCY'S CREEK MARSH AREA -- WP-88	12/31/2012	1	FE-59	<MDA	