

# **2002 BSEP Radiological Environmental Monitoring TLD Report**

## **Comments**

- 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 # 81 was missing Second Quarter 2002.

# *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	8/15/2002	9	1
1	1.1 MI E	5/15/2002	8.8	1.2
1	1.1 MI E	2/15/2002	10.1	1.1
1	1.1 MI E	11/15/2002	9	1
2	1.0 MI ESE	2/15/2002	9.9	1.1
2	1.0 MI ESE	5/15/2002	9.6	1.2
2	1.0 MI ESE	8/15/2002	10.1	1.3
2	1.0 MI ESE	11/15/2002	9.7	0.8
3	0.9 MI SE	5/15/2002	10.7	1.1
3	0.9 MI SE	8/15/2002	9.1	1
3	0.9 MI SE	2/15/2002	9.5	0.7
3	0.9 MI SE	11/15/2002	10.4	1
4	1.1 MI SSE	8/15/2002	10	1.4
4	1.1 MI SSE	5/15/2002	9.2	0.7
4	1.1 MI SSE	2/15/2002	10	1
4	1.1 MI SSE	11/15/2002	9.2	1
5	1.1 MI S	5/15/2002	9.4	0.7
5	1.1 MI S	8/15/2002	9.7	1
5	1.1 MI S	2/15/2002	10.1	0.9
5	1.1 MI S	11/15/2002	9.7	0.8
6	1.0 MI SSW	5/15/2002	8.7	0.7
6	1.0 MI SSW	11/15/2002	8.1	1

<i>TLD</i>	<i>Dose: mR/std. qtr.</i> <i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
6	1.0 MI SSW	2/15/2002	8.6	0.5
6	1.0 MI SSW	8/15/2002	9	1.1
7	1.0 MI SW	2/15/2002	9.8	0.6
7	1.0 MI SW	11/15/2002	9.3	0.9
7	1.0 MI SW	8/15/2002	9.4	1.1
7	1.0 MI SW	5/15/2002	10.3	1
8	1.2 MI W	2/15/2002	10.4	1.2
8	1.2 MI W	5/15/2002	9.5	0.6
8	1.2 MI W	11/15/2002	9.5	0.5
8	1.2 MI W	8/15/2002	10	1.7
9	1.0 MI WNW	2/15/2002	12	1.6
9	1.0 MI WNW	11/15/2002	8.9	0.6
9	1.0 MI WNW	8/15/2002	10.8	1
9	1.0 MI WNW	5/15/2002	9	0.8
10	0.9 MI NW	8/15/2002	8.2	1.3
10	0.9 MI NW	5/15/2002	7.9	0.7
10	0.9 MI NW	11/15/2002	8.2	0.6
10	0.9 MI NW	2/15/2002	8.6	0.5
11	0.9 MI NNW	5/15/2002	9.3	1
11	0.9 MI NNW	11/15/2002	8.5	1
11	0.9 MI NNW	8/15/2002	10.8	1.2
11	0.9 MI NNW	2/15/2002	11.8	0.6
12	1.0 MI N	8/15/2002	9.1	1.1
12	1.0 MI N	5/15/2002	9.5	1

<i>TLD</i>	<i>Dose: mR/std. qtr.</i> <i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
12	1.0 MI N	2/15/2002	10	0.6
12	1.0 MI N	11/15/2002	9.1	0.7
13	1.2 MI NNE	5/15/2002	8.9	1.7
13	1.2 MI NNE	2/15/2002	9.1	0.5
13	1.2 MI NNE	8/15/2002	8.7	1.1
13	1.2 MI NNE	11/15/2002	8.2	1.6
14	0.5 MI NE	8/15/2002	10.6	1.2
14	0.5 MI NE	2/15/2002	10.9	0.8
14	0.5 MI NE	11/15/2002	10.3	1.4
14	0.5 MI NE	5/15/2002	10.2	1.1
15	0.9 MI ENE	2/15/2002	10.9	0.8
15	0.9 MI ENE	11/15/2002	10.2	0.7
15	0.9 MI ENE	8/15/2002	10.3	1.4
15	0.9 MI ENE	5/15/2002	10.5	1
16	1.0 MI WSW	8/15/2002	9.7	1
16	1.0 MI WSW	11/15/2002	9	0.8
16	1.0 MI WSW	2/15/2002	9.5	0.5
16	1.0 MI WSW	5/15/2002	9.3	0.6
17	1.5 MI ESE	8/15/2002	11.5	2.4
17	1.5 MI ESE	2/15/2002	12.1	1.6
17	1.5 MI ESE	11/15/2002	9.2	2.8
17	1.5 MI ESE	5/15/2002	9	1.3
18	1.7 MI SE	2/15/2002	11.4	0.9
18	1.7 MI SE	8/15/2002	10.6	1

<i>TLD</i>	<i>Dose: mR/std. qtr.</i> <i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
18	1.7 MI SE	5/15/2002	8.9	0.7
18	1.7 MI SE	11/15/2002	8.6	1.5
20	2.0 MI S	2/15/2002	10.6	1.2
20	2.0 MI S	5/15/2002	8	0.6
20	2.0 MI S	11/15/2002	7.9	1
20	2.0 MI S	8/15/2002	9.9	1.3
21	2.9 MI SSW	11/15/2002	9.1	0.7
21	2.9 MI SSW	8/15/2002	9.7	1
21	2.9 MI SSW	2/15/2002	9.3	1.7
21	2.9 MI SSW	5/15/2002	8.9	1.5
22	5.3 MI SW	2/15/2002	8.7	0.6
22	5.3 MI SW	11/15/2002	9.9	0.7
22	5.3 MI SW	8/15/2002	9.1	1.1
22	5.3 MI SW	5/15/2002	9.1	1.1
23	4.6 MI WSW	5/15/2002	7.4	0.9
23	4.6 MI WSW	2/15/2002	10.3	0.8
23	4.6 MI WSW	11/15/2002	7.4	0.9
23	4.6 MI WSW	8/15/2002	9.5	1.4
24	3.0 MI W	5/15/2002	10	0.6
24	3.0 MI W	8/15/2002	10.3	1.1
24	3.0 MI W	11/15/2002	10	1.3
24	3.0 MI W	2/15/2002	10	1.8
25	8.7 MI WNW	11/15/2002	9.8	0.7
25	8.7 MI WNW	2/15/2002	9.5	1.2

<i>Dose: mR/std. qtr.</i>					
<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>	
25	8.7 MI WNW	5/15/2002	9.8	0.7	
25	8.7 MI WNW	8/15/2002	9.2	1.4	
26	5.9 MI NW	8/15/2002	11.7	1.3	
26	5.9 MI NW	2/15/2002	13.5	0.7	
26	5.9 MI NW	5/15/2002	11.2	1	
26	5.9 MI NW	11/15/2002	10	0.9	
27	5.0 MI NNW	5/15/2002	8.5	0.7	
27	5.0 MI NNW	8/15/2002	9.4	1	
27	5.0 MI NNW	2/15/2002	9.6	0.8	
27	5.0 MI NNW	11/15/2002	7.9	0.8	
28	4.2 MI NW	11/15/2002	8.8	0.8	
28	4.2 MI NW	8/15/2002	9.8	1.4	
28	4.2 MI NW	2/15/2002	10.7	0.8	
28	4.2 MI NW	5/15/2002	9.2	0.7	
29	2.6 MI SSW	8/15/2002	8.7	1.2	
29	2.6 MI SSW	11/15/2002	8.4	0.9	
29	2.6 MI SSW	5/15/2002	8.1	0.6	
29	2.6 MI SSW	2/15/2002	8.5	1.2	
30	2.0 MI NE	11/15/2002	9.9	1.5	
30	2.0 MI NE	8/15/2002	11.7	1.2	
30	2.0 MI NE	5/15/2002	10	0.6	
30	2.0 MI NE	2/15/2002	12.6	1.5	
31	2.6 MI ENE	5/15/2002	10.3	1.2	
31	2.6 MI ENE	2/15/2002	10.2	1.3	

<i>TLD</i>	<i>Dose: mR/std. qtr.</i> <i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>
31	2.6 MI ENE	11/15/2002	10	1.4
31	2.6 MI ENE	8/15/2002	9.2	1.3
32	5.7 MI ENE	5/15/2002	10.9	1.5
32	5.7 MI ENE	2/15/2002	12	0.6
32	5.7 MI ENE	8/15/2002	10.9	1
32	5.7 MI ENE	11/15/2002	11	0.6
33	4.0 MI E	8/15/2002	8.5	1
33	4.0 MI E	5/15/2002	8.7	0.6
33	4.0 MI E	2/15/2002	8.8	0.9
33	4.0 MI E	11/15/2002	8.7	0.7
34	5.5 MI ENE	5/15/2002	9.2	0.7
34	5.5 MI ENE	8/15/2002	8.3	1
34	5.5 MI ENE	11/15/2002	9.3	1.5
34	5.5 MI ENE	2/15/2002	9.1	1.2
35	7.5 MI SSE	2/15/2002	7.6	0.5
35	7.5 MI SSE	11/15/2002	8.2	0.9
35	7.5 MI SSE	5/15/2002	8.2	0.7
35	7.5 MI SSE	8/15/2002	7.3	1.1
36	9.3 MI NE	2/15/2002	9.1	1.1
36	9.3 MI NE	11/15/2002	8.5	0.5
36	9.3 MI NE	5/15/2002	8.4	0.7
36	9.3 MI NE	8/15/2002	8.4	1
37	5.5 MI NW	8/15/2002	8.2	1.3
37	5.5 MI NW	5/15/2002	8.5	0.6

<i>Dose: mR/std. qtr.</i>				
<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	11/15/2002	7.9	0.6
37	5.5 MI NW	2/15/2002	8.9	0.8
38	11.0 MI W	2/15/2002	8.8	0.7
38	11.0 MI W	11/15/2002	8.4	1
38	11.0 MI W	5/15/2002	8.5	0.6
38	11.0 MI W	8/15/2002	8.1	1.2
39	5.3 MI SW	5/15/2002	9.5	0.6
39	5.3 MI SW	2/15/2002	8.9	0.5
39	5.3 MI SW	8/15/2002	8.4	1.2
39	5.3 MI SW	11/15/2002	9.2	1.2
40	6.9 MI WSW	8/15/2002	8.1	1
40	6.9 MI WSW	11/15/2002	8.3	1
40	6.9 MI WSW	5/15/2002	8.5	1.2
40	6.9 MI WSW	2/15/2002	8.9	1.1
75	4.5 MI S	8/15/2002	10.3	1
75	4.5 MI S	11/15/2002	10.4	0.8
75	4.5 MI S	2/15/2002	11.8	1.6
75	4.5 MI S	5/15/2002	10.8	0.8
76	4.8 MI SSW	5/15/2002	10.4	0.6
76	4.8 MI SSW	11/15/2002	10.6	0.5
76	4.8 MI SSW	2/15/2002	13.6	1.8
76	4.8 MI SSW	8/15/2002	12.4	1.8
77	5.3 MI S	2/15/2002	10.8	1.2
77	5.3 MI S	5/15/2002	8.2	1.4



<i>Dose: mR/std. qtr.</i>					
<i>TLD</i>	<i>TLD Location Description</i>	<i>Sample Date</i>	<i>Dose</i>	<i>2 Sigma Error</i>	
77	5.3 MI S	11/15/2002	8.3	1.2	
77	5.3 MI S	8/15/2002	10.5	2.2	
78	10.0 MI NNE	2/15/2002	10.3	1.1	
78	10.0 MI NNE	11/15/2002	8.7	0.5	
78	10.0 MI NNE	8/15/2002	9.8	1.6	
78	10.0 MI NNE	5/15/2002	9.1	0.6	
79	9.5 MI N	11/15/2002	9.3	0.6	
79	9.5 MI N	2/15/2002	12.1	1	
79	9.5 MI N	5/15/2002	9.6	1.1	
79	9.5 MI N	8/15/2002	11.1	1.3	
81	10.0 MI WNW - CONTROL	2/15/2002	12.2	0.7	
81	10.0 MI WNW - CONTROL	8/15/2002	11.2	1	
81	10.0 MI WNW - CONTROL	11/15/2002	9.4	1	

# **2002 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.
- Beginning 6/24/02, air cartridge volumes were adjusted to account for assumed iodine collection efficiency.

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Efficiency</b></i>	<i><b>Activity</b></i>	<i><b>2 Sigma Error</b></i>	<i><b>LLD</b></i>
200 1.0 MI SW - VISITORS CENTER	1/7/2002	278.3	3.59E-01	2.09E-02	3.50E-03	3.57E-03
200 1.0 MI SW - VISITORS CENTER	1/14/2002	277.7	3.59E-01	2.01E-02	3.51E-03	3.72E-03
200 1.0 MI SW - VISITORS CENTER	1/21/2002	276.6	3.59E-01	2.26E-02	3.61E-03	3.61E-03
200 1.0 MI SW - VISITORS CENTER	1/28/2002	283	3.59E-01	1.28E-02	3.11E-03	3.74E-03
200 1.0 MI SW - VISITORS CENTER	2/4/2002	283.1	3.59E-01	1.21E-02	3.07E-03	3.74E-03
200 1.0 MI SW - VISITORS CENTER	2/11/2002	279	3.59E-01	2.00E-02	3.38E-03	3.41E-03
200 1.0 MI SW - VISITORS CENTER	2/18/2002	286.5	3.59E-01	1.66E-02	3.30E-03	3.70E-03
200 1.0 MI SW - VISITORS CENTER	2/25/2002	285.7	3.59E-01	1.85E-02	3.26E-03	3.35E-03
200 1.0 MI SW - VISITORS CENTER	3/4/2002	281.3	3.59E-01	1.87E-02	3.39E-03	3.60E-03
200 1.0 MI SW - VISITORS CENTER	3/11/2002	289.4	3.59E-01	1.58E-02	3.24E-03	3.68E-03
200 1.0 MI SW - VISITORS CENTER	3/18/2002	285.7	3.59E-01	1.47E-02	3.29E-03	3.93E-03
200 1.0 MI SW - VISITORS CENTER	3/25/2002	290.4	3.59E-01	1.70E-02	3.19E-03	3.42E-03
200 1.0 MI SW - VISITORS CENTER	4/1/2002	289.3	3.59E-01	1.75E-02	3.27E-03	3.55E-03
200 1.0 MI SW - VISITORS CENTER	4/8/2002	290.8	3.59E-01	1.42E-02	3.22E-03	3.86E-03
200 1.0 MI SW - VISITORS CENTER	4/15/2002	292.3	3.59E-01	1.27E-02	3.02E-03	3.60E-03
200 1.0 MI SW - VISITORS CENTER	4/22/2002	289.6	3.59E-01	8.67E-03	2.91E-03	3.85E-03
200 1.0 MI SW - VISITORS CENTER	4/29/2002	293.4	3.84E-01	1.52E-02	3.03E-03	3.42E-03
200 1.0 MI SW - VISITORS CENTER	5/6/2002	290.7	3.84E-01	1.42E-02	3.06E-03	3.61E-03
200 1.0 MI SW - VISITORS CENTER	5/13/2002	296.4	3.84E-01	1.07E-02	2.77E-03	3.42E-03
200 1.0 MI SW - VISITORS CENTER	5/20/2002	290.1	3.59E-01	1.70E-02	3.37E-03	3.85E-03
200 1.0 MI SW - VISITORS CENTER	5/27/2002	292.6	3.84E-01	1.29E-02	2.82E-03	3.21E-03
200 1.0 MI SW - VISITORS CENTER	6/3/2002	291.8	3.84E-01	7.08E-03	2.62E-03	3.53E-03
200 1.0 MI SW - VISITORS CENTER	6/10/2002	294.3	3.84E-01	1.29E-02	2.86E-03	3.32E-03
200 1.0 MI SW - VISITORS CENTER	6/17/2002	296.4	3.84E-01	1.16E-02	2.74E-03	3.24E-03
200 1.0 MI SW - VISITORS CENTER	6/24/2002	291	3.84E-01	8.14E-03	2.74E-03	3.64E-03
200 1.0 MI SW - VISITORS CENTER	7/1/2002	295.3	3.84E-01	1.10E-02	2.64E-03	3.08E-03
200 1.0 MI SW - VISITORS CENTER	7/8/2002	299.3	3.84E-01	1.86E-02	3.07E-03	3.12E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
200	1.0 MI SW - VISITORS CENTER	7/15/2002	291.2	3.84E-01	1.02E-02	2.80E-03	3.52E-03
200	1.0 MI SW - VISITORS CENTER	7/22/2002	299.4	3.84E-01	1.88E-02	3.10E-03	3.18E-03
200	1.0 MI SW - VISITORS CENTER	7/29/2002	295.7	3.84E-01	1.33E-02	2.81E-03	3.16E-03
200	1.0 MI SW - VISITORS CENTER	8/5/2002	293.6	3.84E-01	1.46E-02	2.93E-03	3.25E-03
200	1.0 MI SW - VISITORS CENTER	8/12/2002	290.6	3.84E-01	9.12E-03	2.73E-03	3.49E-03
200	1.0 MI SW - VISITORS CENTER	8/19/2002	293.3	3.84E-01	1.18E-02	2.90E-03	3.54E-03
200	1.0 MI SW - VISITORS CENTER	8/26/2002	279.2	3.84E-01	1.55E-02	3.20E-03	3.69E-03
200	1.0 MI SW - VISITORS CENTER	9/2/2002	292	3.84E-01	5.30E-03	2.36E-03	3.24E-03
200	1.0 MI SW - VISITORS CENTER	9/9/2002	291.5	3.84E-01	8.53E-03	2.78E-03	3.67E-03
200	1.0 MI SW - VISITORS CENTER	9/16/2002	294.4	3.84E-01	1.71E-02	3.18E-03	3.56E-03
200	1.0 MI SW - VISITORS CENTER	9/23/2002	294.8	3.84E-01	1.28E-02	3.02E-03	3.71E-03
200	1.0 MI SW - VISITORS CENTER	9/30/2002	288	3.84E-01	9.69E-03	2.85E-03	3.66E-03
200	1.0 MI SW - VISITORS CENTER	10/7/2002	296	3.84E-01	2.27E-02	3.33E-03	3.24E-03
200	1.0 MI SW - VISITORS CENTER	10/14/2002	285.4	3.84E-01	1.41E-02	2.97E-03	3.38E-03
200	1.0 MI SW - VISITORS CENTER	10/21/2002	283.9	3.84E-01	1.49E-02	3.12E-03	3.61E-03
200	1.0 MI SW - VISITORS CENTER	10/28/2002	276	3.84E-01	1.84E-02	3.17E-03	3.22E-03
200	1.0 MI SW - VISITORS CENTER	11/4/2002	281.9	3.84E-01	1.53E-02	3.14E-03	3.60E-03
200	1.0 MI SW - VISITORS CENTER	11/11/2002	269.8	3.84E-01	2.02E-02	3.46E-03	3.67E-03
200	1.0 MI SW - VISITORS CENTER	11/18/2002	278.4	3.84E-01	1.24E-02	2.98E-03	3.58E-03
200	1.0 MI SW - VISITORS CENTER	11/25/2002	267.5	3.84E-01	2.02E-02	3.46E-03	3.63E-03
200	1.0 MI SW - VISITORS CENTER	12/2/2002	266	3.84E-01	2.33E-02	3.72E-03	3.90E-03
200	1.0 MI SW - VISITORS CENTER	12/9/2002	252.7	3.84E-01	1.95E-02	3.61E-03	3.97E-03
200	1.0 MI SW - VISITORS CENTER	12/16/2002	261.8	3.84E-01	1.62E-02	3.25E-03	3.59E-03
200	1.0 MI SW - VISITORS CENTER	12/23/2002	259.8	3.84E-01	1.51E-02	3.32E-03	3.88E-03
200	1.0 MI SW - VISITORS CENTER	12/30/2002	288.3	3.84E-01	1.64E-02	3.14E-03	3.50E-03
201	0.6 MI NE - PMAC	1/7/2002	266.8	3.59E-01	2.33E-02	3.72E-03	3.72E-03
201	0.6 MI NE - PMAC	1/14/2002	266.8	3.59E-01	2.11E-02	3.67E-03	3.87E-03

# BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

Sample Point	Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
201 0.6 MI NE - PMAC	1/21/2002	267.7	3.59E-01	2.83E-02	3.97E-03	3.73E-03
201 0.6 MI NE - PMAC	1/28/2002	265.7	3.59E-01	1.57E-02	3.43E-03	3.99E-03
201 0.6 MI NE - PMAC	2/4/2002	272.6	3.59E-01	1.24E-02	3.18E-03	3.88E-03
201 0.6 MI NE - PMAC	2/11/2002	270.9	3.59E-01	2.04E-02	3.48E-03	3.51E-03
201 0.6 MI NE - PMAC	2/18/2002	275.1	3.59E-01	1.73E-02	3.43E-03	3.85E-03
201 0.6 MI NE - PMAC	2/25/2002	279.8	3.59E-01	2.11E-02	3.45E-03	3.42E-03
201 0.6 MI NE - PMAC	3/4/2002	282	3.59E-01	2.10E-02	3.50E-03	3.59E-03
201 0.6 MI NE - PMAC	3/11/2002	278.4	3.59E-01	1.83E-02	3.46E-03	3.83E-03
201 0.6 MI NE - PMAC	3/18/2002	281.2	3.59E-01	1.70E-02	3.45E-03	3.99E-03
201 0.6 MI NE - PMAC	3/25/2002	278.6	3.59E-01	1.56E-02	3.21E-03	3.56E-03
201 0.6 MI NE - PMAC	4/1/2002	282.2	3.59E-01	1.87E-02	3.39E-03	3.64E-03
201 0.6 MI NE - PMAC	4/8/2002	279.7	3.59E-01	1.66E-02	3.45E-03	4.01E-03
201 0.6 MI NE - PMAC	4/15/2002	281.7	3.59E-01	1.49E-02	3.23E-03	3.74E-03
201 0.6 MI NE - PMAC	4/22/2002	281.5	3.59E-01	9.36E-03	3.02E-03	3.96E-03
201 0.6 MI NE - PMAC	4/29/2002	280.7	3.84E-01	1.54E-02	3.14E-03	3.57E-03
201 0.6 MI NE - PMAC	5/6/2002	280	3.84E-01	1.18E-02	3.02E-03	3.75E-03
201 0.6 MI NE - PMAC	5/13/2002	289.3	3.84E-01	1.33E-02	2.97E-03	3.50E-03
201 0.6 MI NE - PMAC	5/20/2002	279.8	3.59E-01	1.29E-02	3.24E-03	3.99E-03
201 0.6 MI NE - PMAC	5/27/2002	280.4	3.84E-01	1.69E-02	3.13E-03	3.35E-03
201 0.6 MI NE - PMAC	6/3/2002	277.5	3.84E-01	1.06E-02	2.94E-03	3.72E-03
201 0.6 MI NE - PMAC	6/10/2002	286.1	3.84E-01	1.39E-02	2.97E-03	3.42E-03
201 0.6 MI NE - PMAC	6/17/2002	285.4	3.84E-01	1.45E-02	2.99E-03	3.36E-03
201 0.6 MI NE - PMAC	6/24/2002	277.4	3.84E-01	1.07E-02	3.00E-03	3.82E-03
201 0.6 MI NE - PMAC	7/1/2002	283.5	3.84E-01	1.20E-02	2.78E-03	3.20E-03
201 0.6 MI NE - PMAC	7/8/2002	285.2	3.84E-01	1.93E-02	3.21E-03	3.28E-03
201 0.6 MI NE - PMAC	7/15/2002	281.2	3.84E-01	1.15E-02	2.96E-03	3.65E-03
201 0.6 MI NE - PMAC	7/22/2002	281.5	3.84E-01	2.18E-02	3.39E-03	3.39E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

*Media Type: Air Particulate*

*Quantity: cubic meters*

*Activity: pCi/cubic meter*

*Analysis: Beta*

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
201	0.6 MI NE - PMAC	7/29/2002	283	3.84E-01	1.38E-02	2.93E-03	3.30E-03
201	0.6 MI NE - PMAC	8/5/2002	279.7	3.84E-01	1.52E-02	3.06E-03	3.41E-03
201	0.6 MI NE - PMAC	8/12/2002	280.7	3.84E-01	9.86E-03	2.85E-03	3.61E-03
201	0.6 MI NE - PMAC	8/19/2002	280.1	3.84E-01	1.32E-02	3.08E-03	3.70E-03
201	0.6 MI NE - PMAC	8/26/2002	280.9	3.84E-01	1.60E-02	3.21E-03	3.67E-03
201	0.6 MI NE - PMAC	9/2/2002	278.6	3.84E-01	7.07E-03	2.58E-03	3.40E-03
201	0.6 MI NE - PMAC	9/9/2002	277	3.84E-01	1.08E-02	3.03E-03	3.87E-03
201	0.6 MI NE - PMAC	9/16/2002	276	3.84E-01	1.73E-02	3.35E-03	3.80E-03
201	0.6 MI NE - PMAC	9/23/2002	279.6	3.84E-01	1.48E-02	3.25E-03	3.91E-03
201	0.6 MI NE - PMAC	9/30/2002	278.3	3.84E-01	1.10E-02	3.00E-03	3.79E-03
201	0.6 MI NE - PMAC	10/7/2002	275.9	3.84E-01	2.06E-02	3.38E-03	3.48E-03
201	0.6 MI NE - PMAC	10/14/2002	276.4	3.84E-01	1.42E-02	3.05E-03	3.49E-03
201	0.6 MI NE - PMAC	10/21/2002	270.3	3.84E-01	1.53E-02	3.26E-03	3.79E-03
201	0.6 MI NE - PMAC	10/28/2002	271	3.84E-01	1.87E-02	3.23E-03	3.28E-03
201	0.6 MI NE - PMAC	11/4/2002	272.1	3.84E-01	1.53E-02	3.23E-03	3.73E-03
201	0.6 MI NE - PMAC	11/11/2002	265.4	3.84E-01	1.95E-02	3.47E-03	3.73E-03
201	0.6 MI NE - PMAC	11/18/2002	268.4	3.84E-01	1.48E-02	3.20E-03	3.71E-03
201	0.6 MI NE - PMAC	11/25/2002	265.2	3.84E-01	2.57E-02	3.74E-03	3.66E-03
201	0.6 MI NE - PMAC	12/2/2002	264.4	3.84E-01	2.19E-02	3.67E-03	3.92E-03
201	0.6 MI NE - PMAC	12/9/2002	254.1	3.84E-01	1.26E-02	3.22E-03	3.94E-03
201	0.6 MI NE - PMAC	12/16/2002	243.1	3.84E-01	1.75E-02	3.50E-03	3.87E-03
201	0.6 MI NE - PMAC	12/23/2002	244.7	3.84E-01	1.89E-02	3.67E-03	4.12E-03
201	0.6 MI NE - PMAC	12/30/2002	288.5	3.84E-01	2.37E-02	3.49E-03	3.49E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/7/2002	260.2	3.59E-01	2.18E-02	3.71E-03	3.81E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/14/2002	258.5	3.59E-01	1.93E-02	3.66E-03	4.00E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/21/2002	260.3	3.59E-01	2.77E-02	4.01E-03	3.84E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/28/2002	262.7	3.59E-01	1.69E-02	3.53E-03	4.03E-03

# BSEP Radiological Environmental Monitoring Analysis Report

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/4/2002	255	3.59E-01	1.43E-02	3.46E-03	4.15E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/11/2002	272.2	3.59E-01	1.92E-02	3.40E-03	3.49E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/18/2002	279.8	3.59E-01	1.78E-02	3.42E-03	3.78E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/25/2002	279.9	3.59E-01	2.15E-02	3.47E-03	3.42E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/4/2002	278.9	3.59E-01	1.88E-02	3.41E-03	3.63E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/11/2002	284.1	3.59E-01	1.73E-02	3.36E-03	3.75E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/18/2002	281.9	3.59E-01	1.61E-02	3.40E-03	3.98E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/25/2002	285.5	3.59E-01	1.63E-02	3.19E-03	3.48E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/1/2002	284.5	3.59E-01	1.69E-02	3.28E-03	3.61E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/8/2002	286.4	3.59E-01	1.68E-02	3.40E-03	3.92E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/15/2002	289.5	3.59E-01	1.38E-02	3.11E-03	3.64E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/22/2002	283.7	3.59E-01	1.02E-02	3.05E-03	3.93E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/29/2002	289.8	3.84E-01	1.59E-02	3.09E-03	3.46E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/6/2002	287.6	3.84E-01	1.26E-02	3.00E-03	3.65E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/13/2002	291.2	3.84E-01	1.28E-02	2.93E-03	3.48E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/20/2002	286.3	3.59E-01	1.52E-02	3.30E-03	3.90E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/27/2002	289.8	3.84E-01	1.59E-02	3.01E-03	3.25E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/3/2002	287.8	3.84E-01	9.21E-03	2.78E-03	3.58E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/10/2002	290.6	3.84E-01	1.59E-02	3.05E-03	3.36E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/17/2002	293.4	3.84E-01	1.49E-02	2.95E-03	3.27E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/24/2002	288.5	3.84E-01	8.46E-03	2.78E-03	3.67E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/1/2002	291.1	3.84E-01	1.35E-02	2.82E-03	3.12E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/8/2002	296.5	3.84E-01	1.61E-02	2.96E-03	3.15E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/15/2002	288.2	3.84E-01	9.04E-03	2.76E-03	3.56E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/22/2002	296.6	3.84E-01	2.05E-02	3.21E-03	3.21E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/29/2002	291.8	3.84E-01	1.30E-02	2.82E-03	3.20E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/5/2002	291.2	3.84E-01	1.49E-02	2.96E-03	3.27E-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	Efficiency	Activity	2 Sigma Error	LLD
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/12/2002	290.1	3.84E-01	1.04E-02	2.81E-03	3.49E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/19/2002	291.6	3.84E-01	1.21E-02	2.92E-03	3.56E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/26/2002	295.1	3.84E-01	1.40E-02	2.99E-03	3.50E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/2/2002	291.3	3.84E-01	6.77E-03	2.46E-03	3.25E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/9/2002	291	3.84E-01	7.98E-03	2.75E-03	3.68E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/16/2002	292.8	3.84E-01	1.83E-02	3.26E-03	3.58E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/23/2002	294.6	3.84E-01	1.62E-02	3.20E-03	3.71E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/30/2002	287.1	3.84E-01	1.12E-02	2.94E-03	3.67E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/7/2002	296.5	3.84E-01	2.53E-02	3.45E-03	3.24E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/14/2002	286.5	3.84E-01	1.17E-02	2.83E-03	3.37E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/21/2002	287	3.84E-01	1.64E-02	3.17E-03	3.57E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/28/2002	282.2	3.84E-01	1.87E-02	3.14E-03	3.15E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/4/2002	288.3	3.84E-01	1.36E-02	3.00E-03	3.52E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/11/2002	276	3.84E-01	1.95E-02	3.37E-03	3.59E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/18/2002	284.3	3.84E-01	1.30E-02	2.97E-03	3.50E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/25/2002	275.1	3.84E-01	2.11E-02	3.44E-03	3.53E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/2/2002	278.4	3.84E-01	2.52E-02	3.69E-03	3.73E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/9/2002	271	3.84E-01	1.90E-02	3.41E-03	3.70E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/16/2002	276.4	3.84E-01	1.63E-02	3.13E-03	3.40E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/23/2002	274.8	3.84E-01	2.09E-02	3.48E-03	3.67E-03
202	1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/30/2002	283.5	3.84E-01	1.66E-02	3.18E-03	3.56E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	1/7/2002	268.7	3.59E-01	2.29E-02	3.68E-03	3.69E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	1/14/2002	267.9	3.59E-01	2.18E-02	3.70E-03	3.86E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	1/21/2002	269.7	3.59E-01	2.69E-02	3.88E-03	3.70E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	1/28/2002	272.6	3.59E-01	1.53E-02	3.34E-03	3.88E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	2/4/2002	272	3.59E-01	1.26E-02	3.20E-03	3.89E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	2/11/2002	270	3.59E-01	2.03E-02	3.48E-03	3.52E-03



# ***BSEP Radiological Environmental Monitoring Analysis Report***

*Media Type: Air Particulate*

*Quantity: cubic meters*

*Activity: pCi/cubic meter*

*Analysis: Beta*

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
203	2.3 MI SSW - SOUTHPORT SUBSTATION	2/18/2002	279.1	3.59E-01	1.73E-02	3.39E-03	3.79E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	2/25/2002	277.4	3.59E-01	2.19E-02	3.51E-03	3.45E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	3/4/2002	275.4	3.59E-01	2.05E-02	3.53E-03	3.68E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	3/11/2002	280.6	3.59E-01	1.81E-02	3.43E-03	3.80E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	3/18/2002	278.8	3.59E-01	1.67E-02	3.46E-03	4.02E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	3/25/2002	282.3	3.59E-01	1.76E-02	3.30E-03	3.54E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	4/1/2002	282.9	3.59E-01	1.54E-02	3.21E-03	3.63E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	4/8/2002	283.4	3.59E-01	1.82E-02	3.49E-03	3.96E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	4/15/2002	287.1	3.59E-01	1.46E-02	3.17E-03	3.67E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	4/22/2002	287	3.59E-01	8.48E-03	2.92E-03	3.89E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	4/29/2002	289.7	3.84E-01	1.60E-02	3.09E-03	3.46E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	5/6/2002	286.1	3.84E-01	1.30E-02	3.04E-03	3.67E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	5/13/2002	291.2	3.84E-01	1.52E-02	3.06E-03	3.48E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	5/20/2002	285.7	3.59E-01	1.72E-02	3.42E-03	3.90E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	5/27/2002	283.8	3.84E-01	1.83E-02	3.18E-03	3.31E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	6/3/2002	286	3.84E-01	1.03E-02	2.86E-03	3.61E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	6/10/2002	289.1	3.84E-01	1.30E-02	2.90E-03	3.38E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	6/17/2002	290.6	3.84E-01	1.47E-02	2.96E-03	3.30E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	6/24/2002	280	3.84E-01	8.38E-03	2.84E-03	3.79E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/1/2002	285.1	3.84E-01	9.55E-03	2.62E-03	3.19E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/8/2002	289.3	3.84E-01	1.94E-02	3.18E-03	3.23E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/15/2002	279.3	3.84E-01	8.74E-03	2.81E-03	3.67E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/22/2002	286	3.84E-01	2.16E-02	3.34E-03	3.33E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/29/2002	284.4	3.84E-01	1.26E-02	2.85E-03	3.28E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/5/2002	281.3	3.84E-01	1.48E-02	3.03E-03	3.39E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/12/2002	278.1	3.84E-01	1.18E-02	2.98E-03	3.65E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/19/2002	280.7	3.84E-01	1.50E-02	3.17E-03	3.69E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/26/2002	266.6	3.84E-01	8.62E-03	2.92E-03	3.87E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/2/2002	240.2	3.84E-01	5.18E-03	2.78E-03	3.94E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/9/2002	238.8	3.84E-01	1.06E-02	3.40E-03	4.49E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/16/2002	293.5	3.84E-01	1.54E-02	3.10E-03	3.57E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/23/2002	294	3.84E-01	1.81E-02	3.30E-03	3.72E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/30/2002	287	3.84E-01	1.09E-02	2.92E-03	3.67E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/7/2002	295	3.84E-01	2.42E-02	3.40E-03	3.25E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/14/2002	285.5	3.84E-01	1.37E-02	2.95E-03	3.38E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/21/2002	285.1	3.84E-01	1.75E-02	3.25E-03	3.60E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/28/2002	279.3	3.84E-01	1.81E-02	3.13E-03	3.18E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/4/2002	285.1	3.84E-01	1.55E-02	3.12E-03	3.56E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/11/2002	273.8	3.84E-01	2.11E-02	3.47E-03	3.62E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/18/2002	283.1	3.84E-01	1.29E-02	2.97E-03	3.52E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/25/2002	271.6	3.84E-01	2.28E-02	3.55E-03	3.58E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/2/2002	274.2	3.84E-01	2.28E-02	3.62E-03	3.78E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/9/2002	265.2	3.84E-01	2.03E-02	3.53E-03	3.78E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/23/2002	296.1	3.84E-01	1.56E-02	3.04E-03	3.40E-03
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/30/2002	281.2	3.84E-01	1.86E-02	3.31E-03	3.58E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	1/7/2002	273.3	3.59E-01	2.30E-02	3.65E-03	3.63E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	1/14/2002	275.4	3.59E-01	2.41E-02	3.73E-03	3.75E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	1/21/2002	276.7	3.59E-01	2.33E-02	3.64E-03	3.61E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	1/28/2002	276.5	3.59E-01	1.37E-02	3.22E-03	3.83E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	2/4/2002	276.9	3.59E-01	1.45E-02	3.26E-03	3.82E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	2/11/2002	275.5	3.59E-01	2.10E-02	3.47E-03	3.45E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	2/18/2002	273.3	3.59E-01	1.60E-02	3.38E-03	3.87E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	2/25/2002	274.2	3.59E-01	2.20E-02	3.54E-03	3.49E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	3/4/2002	272.1	3.59E-01	2.08E-02	3.57E-03	3.72E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	3/11/2002	274.2	3.59E-01	1.88E-02	3.53E-03	3.89E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	3/18/2002	278.2	3.59E-01	1.63E-02	3.45E-03	4.03E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	3/25/2002	275.3	3.59E-01	1.74E-02	3.34E-03	3.60E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	4/1/2002	279	3.59E-01	1.59E-02	3.27E-03	3.68E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	4/8/2002	276.2	3.59E-01	1.35E-02	3.32E-03	4.06E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	4/15/2002	280.8	3.59E-01	1.37E-02	3.17E-03	3.75E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	4/22/2002	282.5	3.59E-01	1.11E-02	3.11E-03	3.95E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	4/29/2002	280.9	3.84E-01	1.60E-02	3.17E-03	3.57E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	5/6/2002	281.6	3.84E-01	1.44E-02	3.15E-03	3.72E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	5/13/2002	286.3	3.84E-01	1.64E-02	3.14E-03	3.48E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	5/20/2002	278	3.59E-01	1.77E-02	3.51E-03	4.01E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	5/27/2002	286.3	3.84E-01	1.53E-02	3.00E-03	3.28E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	6/3/2002	278.2	3.84E-01	1.10E-02	2.96E-03	3.71E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	6/10/2002	283.2	3.84E-01	1.27E-02	2.93E-03	3.45E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	6/17/2002	286	3.84E-01	1.65E-02	3.09E-03	3.35E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	6/24/2002	281.4	3.84E-01	1.01E-02	2.93E-03	3.77E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	7/1/2002	284.4	3.84E-01	1.24E-02	2.80E-03	3.19E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	7/8/2002	285.1	3.84E-01	1.74E-02	3.11E-03	3.28E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	7/15/2002	283	3.84E-01	1.15E-02	2.94E-03	3.62E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	7/22/2002	281.5	3.84E-01	2.29E-02	3.44E-03	3.39E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	7/29/2002	282	3.84E-01	1.24E-02	2.86E-03	3.31E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	8/5/2002	282.5	3.84E-01	1.47E-02	3.01E-03	3.37E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	8/12/2002	283	3.84E-01	1.35E-02	3.03E-03	3.58E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	8/19/2002	282.4	3.84E-01	1.55E-02	3.18E-03	3.67E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	8/26/2002	282.8	3.84E-01	1.83E-02	3.31E-03	3.65E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	9/2/2002	281.4	3.84E-01	9.00E-03	2.68E-03	3.36E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	9/9/2002	281.1	3.84E-01	1.03E-02	2.96E-03	3.81E-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	Efficiency	Activity	2 Sigma Error	LLD
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	9/16/2002	280.8	3.84E-01	1.84E-02	3.36E-03	3.73E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	9/23/2002	281.7	3.84E-01	1.53E-02	3.26E-03	3.88E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	9/30/2002	280.8	3.84E-01	1.35E-02	3.12E-03	3.75E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	10/7/2002	281.3	3.84E-01	2.64E-02	3.62E-03	3.41E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	10/14/2002	283.1	3.84E-01	1.22E-02	2.89E-03	3.41E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	10/21/2002	274.6	3.84E-01	1.67E-02	3.30E-03	3.73E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	10/28/2002	288.6	3.84E-01	2.22E-02	3.27E-03	3.08E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	11/4/2002	264.9	3.84E-01	1.41E-02	3.22E-03	3.83E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	11/11/2002	274.6	3.84E-01	1.97E-02	3.39E-03	3.61E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	11/18/2002	284.9	3.84E-01	1.24E-02	2.93E-03	3.50E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	11/25/2002	273	3.84E-01	2.35E-02	3.57E-03	3.56E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	12/2/2002	268.8	3.84E-01	2.27E-02	3.66E-03	3.86E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	12/9/2002	265.2	3.84E-01	1.65E-02	3.33E-03	3.78E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	12/16/2002	271.9	3.84E-01	1.52E-02	3.11E-03	3.46E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	12/23/2002	264.5	3.84E-01	2.19E-02	3.62E-03	3.81E-03
204	23.0 MI NNE - SUTTON PLANT (CONTROL)	12/30/2002	267.3	3.84E-01	1.79E-02	3.39E-03	3.77E-03
205	0.6 MI SSE - SPOIL POND	1/7/2002	273.8	3.59E-01	2.29E-02	3.64E-03	3.62E-03
205	0.6 MI SSE - SPOIL POND	1/14/2002	278.1	3.59E-01	2.15E-02	3.58E-03	3.71E-03
205	0.6 MI SSE - SPOIL POND	1/21/2002	268.3	3.59E-01	2.64E-02	3.87E-03	3.72E-03
205	0.6 MI SSE - SPOIL POND	1/28/2002	278.2	3.59E-01	1.30E-02	3.17E-03	3.81E-03
205	0.6 MI SSE - SPOIL POND	2/4/2002	280.5	3.59E-01	1.01E-02	2.98E-03	3.78E-03
205	0.6 MI SSE - SPOIL POND	2/11/2002	280.3	3.59E-01	1.76E-02	3.25E-03	3.39E-03
205	0.6 MI SSE - SPOIL POND	2/18/2002	280.1	3.59E-01	1.40E-02	3.21E-03	3.78E-03
205	0.6 MI SSE - SPOIL POND	2/25/2002	280.2	3.59E-01	1.99E-02	3.38E-03	3.42E-03
205	0.6 MI SSE - SPOIL POND	3/4/2002	281.6	3.59E-01	1.92E-02	3.41E-03	3.60E-03
205	0.6 MI SSE - SPOIL POND	3/11/2002	282.9	3.59E-01	1.69E-02	3.35E-03	3.77E-03
205	0.6 MI SSE - SPOIL POND	3/18/2002	280.8	3.59E-01	1.48E-02	3.34E-03	3.99E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Particulate

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Beta

Sample Point		Sample Date	Quantity	Efficiency	Activity	2 Sigma Error	LLD
205	0.6 MI SSE - SPOIL POND	3/25/2002	282.9	3.59E-01	1.37E-02	3.06E-03	3.51E-03
205	0.6 MI SSE - SPOIL POND	4/1/2002	283.4	3.59E-01	1.69E-02	3.29E-03	3.62E-03
205	0.6 MI SSE - SPOIL POND	4/8/2002	265.4	3.59E-01	1.41E-02	3.45E-03	4.23E-03
205	0.6 MI SSE - SPOIL POND	4/15/2002	283.7	3.59E-01	1.30E-02	3.11E-03	3.71E-03
205	0.6 MI SSE - SPOIL POND	4/22/2002	281.3	3.59E-01	8.39E-03	2.96E-03	3.97E-03
205	0.6 MI SSE - SPOIL POND	4/29/2002	286.3	3.84E-01	1.63E-02	3.14E-03	3.50E-03
205	0.6 MI SSE - SPOIL POND	5/6/2002	274.6	3.84E-01	1.35E-02	3.16E-03	3.82E-03
205	0.6 MI SSE - SPOIL POND	5/13/2002	284.2	3.84E-01	1.47E-02	3.09E-03	3.57E-03
205	0.6 MI SSE - SPOIL POND	5/20/2002	267.6	3.59E-01	1.61E-02	3.53E-03	4.17E-03
205	0.6 MI SSE - SPOIL POND	5/27/2002	259.7	3.84E-01	1.42E-02	3.16E-03	3.62E-03
205	0.6 MI SSE - SPOIL POND	6/3/2002	258.8	3.84E-01	1.05E-02	3.11E-03	3.99E-03
205	0.6 MI SSE - SPOIL POND	6/10/2002	265	3.84E-01	1.18E-02	3.03E-03	3.69E-03
205	0.6 MI SSE - SPOIL POND	6/17/2002	264.8	3.84E-01	1.20E-02	3.02E-03	3.62E-03
205	0.6 MI SSE - SPOIL POND	6/24/2002	261.4	3.84E-01	8.26E-03	3.00E-03	4.05E-03
205	0.6 MI SSE - SPOIL POND	7/1/2002	305.6	3.84E-01	8.83E-03	2.44E-03	2.97E-03
205	0.6 MI SSE - SPOIL POND	7/8/2002	304	3.84E-01	1.78E-02	2.99E-03	3.07E-03
205	0.6 MI SSE - SPOIL POND	7/15/2002	295	3.84E-01	6.92E-03	2.58E-03	3.48E-03
205	0.6 MI SSE - SPOIL POND	7/22/2002	300	3.84E-01	2.05E-02	3.18E-03	3.18E-03
205	0.6 MI SSE - SPOIL POND	7/29/2002	299.8	3.84E-01	1.26E-02	2.74E-03	3.12E-03
205	0.6 MI SSE - SPOIL POND	8/5/2002	295.6	3.84E-01	1.38E-02	2.87E-03	3.22E-03
205	0.6 MI SSE - SPOIL POND	8/12/2002	297.5	3.84E-01	1.00E-02	2.73E-03	3.41E-03
205	0.6 MI SSE - SPOIL POND	8/19/2002	296.2	3.84E-01	1.24E-02	2.90E-03	3.50E-03
205	0.6 MI SSE - SPOIL POND	8/26/2002	298	3.84E-01	1.27E-02	2.90E-03	3.46E-03
205	0.6 MI SSE - SPOIL POND	9/2/2002	294.2	3.84E-01	3.27E-03	2.20E-03	3.22E-03
205	0.6 MI SSE - SPOIL POND	9/9/2002	295.3	3.84E-01	7.31E-03	2.68E-03	3.63E-03
205	0.6 MI SSE - SPOIL POND	9/16/2002	295.5	3.84E-01	1.47E-02	3.05E-03	3.55E-03
205	0.6 MI SSE - SPOIL POND	9/23/2002	298.2	3.84E-01	1.51E-02	3.12E-03	3.67E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

*Media Type: Air Particulate*

*Analysis: Beta*

*Quantity: cubic meters*

*Activity: pCi/cubic meter*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Efficiency</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>	<b><i>LLD</i></b>
205	0.6 MI SSE - SPOIL POND	9/30/2002	292.5	3.84E-01	8.42E-03	2.74E-03	3.60E-03
205	0.6 MI SSE - SPOIL POND	10/7/2002	297.2	3.84E-01	2.06E-02	3.22E-03	3.23E-03
205	0.6 MI SSE - SPOIL POND	10/14/2002	291.9	3.84E-01	1.08E-02	2.74E-03	3.31E-03
205	0.6 MI SSE - SPOIL POND	10/21/2002	291.3	3.84E-01	1.45E-02	3.04E-03	3.52E-03
205	0.6 MI SSE - SPOIL POND	10/28/2002	288.3	3.84E-01	1.99E-02	3.16E-03	3.08E-03
205	0.6 MI SSE - SPOIL POND	11/4/2002	293.3	3.84E-01	1.25E-02	2.90E-03	3.46E-03
205	0.6 MI SSE - SPOIL POND	11/11/2002	283.2	3.84E-01	1.82E-02	3.25E-03	3.50E-03
205	0.6 MI SSE - SPOIL POND	11/18/2002	288.4	3.84E-01	9.60E-03	2.74E-03	3.45E-03
205	0.6 MI SSE - SPOIL POND	11/25/2002	283.5	3.84E-01	1.89E-02	3.25E-03	3.43E-03
205	0.6 MI SSE - SPOIL POND	12/2/2002	283.5	3.84E-01	1.89E-02	3.34E-03	3.66E-03
205	0.6 MI SSE - SPOIL POND	12/9/2002	277.4	3.84E-01	1.46E-02	3.12E-03	3.61E-03
205	0.6 MI SSE - SPOIL POND	12/16/2002	279.5	3.84E-01	1.05E-02	2.77E-03	3.36E-03
205	0.6 MI SSE - SPOIL POND	12/23/2002	286	3.84E-01	1.84E-02	3.26E-03	3.52E-03
205	0.6 MI SSE - SPOIL POND	12/30/2002	289.7	3.84E-01	1.43E-02	3.01E-03	3.48E-03

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Activity</i></b>	<b><i>LLD</i></b>
200	1.0 MI SW - VISITORS CENTER	1/7/2002	278.3	<LLD	3.58E-02
200	1.0 MI SW - VISITORS CENTER	1/14/2002	277.7	<LLD	2.60E-02
200	1.0 MI SW - VISITORS CENTER	1/21/2002	276.6	<LLD	2.68E-02
200	1.0 MI SW - VISITORS CENTER	1/28/2002	283.0	<LLD	2.17E-02
200	1.0 MI SW - VISITORS CENTER	2/4/2002	283.1	<LLD	4.07E-02
200	1.0 MI SW - VISITORS CENTER	2/11/2002	279.0	<LLD	1.87E-02
200	1.0 MI SW - VISITORS CENTER	2/18/2002	286.5	<LLD	1.88E-02
200	1.0 MI SW - VISITORS CENTER	2/25/2002	285.7	<LLD	2.58E-02
200	1.0 MI SW - VISITORS CENTER	3/4/2002	281.3	<LLD	1.92E-02
200	1.0 MI SW - VISITORS CENTER	3/11/2002	289.4	<LLD	2.24E-02
200	1.0 MI SW - VISITORS CENTER	3/18/2002	285.7	<LLD	2.20E-02
200	1.0 MI SW - VISITORS CENTER	3/25/2002	290.4	<LLD	2.87E-02
200	1.0 MI SW - VISITORS CENTER	4/1/2002	289.3	<LLD	2.90E-02
200	1.0 MI SW - VISITORS CENTER	4/8/2002	290.8	<LLD	2.36E-02
200	1.0 MI SW - VISITORS CENTER	4/15/2002	292.3	<LLD	2.85E-02
200	1.0 MI SW - VISITORS CENTER	4/22/2002	289.6	<LLD	2.98E-02
200	1.0 MI SW - VISITORS CENTER	4/29/2002	293.4	<LLD	1.84E-02
200	1.0 MI SW - VISITORS CENTER	5/6/2002	290.7	<LLD	3.33E-02
200	1.0 MI SW - VISITORS CENTER	5/13/2002	296.4	<LLD	1.95E-02
200	1.0 MI SW - VISITORS CENTER	5/20/2002	290.1	<LLD	2.37E-02
200	1.0 MI SW - VISITORS CENTER	5/27/2002	292.6	<LLD	3.42E-02
200	1.0 MI SW - VISITORS CENTER	6/3/2002	291.8	<LLD	4.13E-02
200	1.0 MI SW - VISITORS CENTER	6/10/2002	294.3	<LLD	2.47E-02
200	1.0 MI SW - VISITORS CENTER	6/17/2002	296.4	<LLD	1.82E-02
200	1.0 MI SW - VISITORS CENTER	6/24/2002	287.9	<LLD	3.15E-02
200	1.0 MI SW - VISITORS CENTER	7/1/2002	292.2	<LLD	2.70E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

*Media Type: Air Cartridge*

*Quantity: cubic meters*

*Activity: pCi/cubic meter*

*Analysis: Iodine*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Activity</i></b>	<b><i>LLD</i></b>
200	1.0 MI SW - VISITORS CENTER	7/8/2002	269.4	<LLD	3.16E-02
200	1.0 MI SW - VISITORS CENTER	7/15/2002	262.0	<LLD	2.93E-02
200	1.0 MI SW - VISITORS CENTER	7/22/2002	269.5	<LLD	2.93E-02
200	1.0 MI SW - VISITORS CENTER	7/29/2002	266.1	<LLD	3.20E-02
200	1.0 MI SW - VISITORS CENTER	8/5/2002	264.2	<LLD	2.48E-02
200	1.0 MI SW - VISITORS CENTER	8/12/2002	261.5	<LLD	2.00E-02
200	1.0 MI SW - VISITORS CENTER	8/19/2002	264.0	<LLD	3.57E-02
200	1.0 MI SW - VISITORS CENTER	8/26/2002	251.3	<LLD	2.84E-02
200	1.0 MI SW - VISITORS CENTER	9/3/2002	262.8	<LLD	3.09E-02
200	1.0 MI SW - VISITORS CENTER	9/9/2002	262.4	<LLD	2.55E-02
200	1.0 MI SW - VISITORS CENTER	9/16/2002	265.0	<LLD	3.22E-02
200	1.0 MI SW - VISITORS CENTER	9/23/2002	265.3	<LLD	2.70E-02
200	1.0 MI SW - VISITORS CENTER	9/30/2002	259.2	<LLD	3.34E-02
200	1.0 MI SW - VISITORS CENTER	10/7/2002	266.4	<LLD	2.55E-02
200	1.0 MI SW - VISITORS CENTER	10/14/2002	256.9	<LLD	3.45E-02
200	1.0 MI SW - VISITORS CENTER	10/21/2002	255.5	<LLD	2.79E-02
200	1.0 MI SW - VISITORS CENTER	10/28/2002	248.4	<LLD	3.62E-02
200	1.0 MI SW - VISITORS CENTER	11/4/2002	253.7	<LLD	2.34E-02
200	1.0 MI SW - VISITORS CENTER	11/11/2002	242.8	<LLD	2.79E-02
200	1.0 MI SW - VISITORS CENTER	11/18/2002	250.6	<LLD	2.17E-02
200	1.0 MI SW - VISITORS CENTER	11/25/2002	240.8	<LLD	2.79E-02
200	1.0 MI SW - VISITORS CENTER	12/2/2002	239.4	<LLD	3.75E-02
200	1.0 MI SW - VISITORS CENTER	12/9/2002	227.4	<LLD	2.53E-02
200	1.0 MI SW - VISITORS CENTER	12/16/2002	235.6	<LLD	3.06E-02
200	1.0 MI SW - VISITORS CENTER	12/23/2002	233.8	<LLD	3.13E-02
200	1.0 MI SW - VISITORS CENTER	12/30/2002	259.5	<LLD	3.00E-02



# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Activity</i></b>	<b><i>LLD</i></b>
201	0.6 MI NE - PMAC	1/7/2002	266.8	<LLD	4.39E-02
201	0.6 MI NE - PMAC	1/14/2002	266.8	<LLD	4.85E-02
201	0.6 MI NE - PMAC	1/21/2002	267.7	<LLD	3.75E-02
201	0.6 MI NE - PMAC	1/28/2002	265.7	<LLD	3.58E-02
201	0.6 MI NE - PMAC	2/4/2002	272.6	<LLD	3.56E-02
201	0.6 MI NE - PMAC	2/11/2002	270.9	<LLD	4.31E-02
201	0.6 MI NE - PMAC	2/18/2002	275.1	<LLD	3.85E-02
201	0.6 MI NE - PMAC	2/25/2002	279.8	<LLD	3.06E-02
201	0.6 MI NE - PMAC	3/4/2002	282.0	<LLD	3.48E-02
201	0.6 MI NE - PMAC	3/11/2002	278.4	<LLD	3.38E-02
201	0.6 MI NE - PMAC	3/18/2002	281.2	<LLD	3.17E-02
201	0.6 MI NE - PMAC	3/25/2002	278.6	<LLD	3.74E-02
201	0.6 MI NE - PMAC	4/1/2002	282.2	<LLD	3.95E-02
201	0.6 MI NE - PMAC	4/8/2002	279.7	<LLD	2.55E-02
201	0.6 MI NE - PMAC	4/15/2002	281.7	<LLD	4.59E-02
201	0.6 MI NE - PMAC	4/22/2002	281.5	<LLD	4.06E-02
201	0.6 MI NE - PMAC	4/29/2002	280.7	<LLD	3.08E-02
201	0.6 MI NE - PMAC	5/6/2002	280.0	<LLD	3.52E-02
201	0.6 MI NE - PMAC	5/13/2002	289.3	<LLD	3.62E-02
201	0.6 MI NE - PMAC	5/20/2002	279.8	<LLD	3.49E-02
201	0.6 MI NE - PMAC	5/27/2002	280.4	<LLD	3.85E-02
201	0.6 MI NE - PMAC	6/3/2002	277.5	<LLD	2.77E-02
201	0.6 MI NE - PMAC	6/10/2002	286.1	<LLD	3.22E-02
201	0.6 MI NE - PMAC	6/17/2002	285.4	<LLD	4.91E-02
201	0.6 MI NE - PMAC	6/24/2002	274.8	<LLD	5.33E-02
201	0.6 MI NE - PMAC	7/1/2002	280.8	<LLD	4.04E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Activity</i></b>	<b><i>LLD</i></b>
201	0.6 MI NE - PMAC	7/8/2002	256.7	<LLD	4.21E-02
201	0.6 MI NE - PMAC	7/15/2002	253.1	<LLD	3.46E-02
201	0.6 MI NE - PMAC	7/22/2002	253.4	<LLD	3.36E-02
201	0.6 MI NE - PMAC	7/29/2002	254.7	<LLD	4.68E-02
201	0.6 MI NE - PMAC	8/5/2002	251.7	<LLD	4.19E-02
201	0.6 MI NE - PMAC	8/12/2002	252.6	<LLD	3.98E-02
201	0.6 MI NE - PMAC	8/19/2002	252.1	<LLD	6.99E-02
201	0.6 MI NE - PMAC	8/26/2002	252.8	<LLD	4.03E-02
201	0.6 MI NE - PMAC	9/3/2002	250.7	<LLD	5.48E-02
201	0.6 MI NE - PMAC	9/9/2002	249.3	<LLD	4.79E-02
201	0.6 MI NE - PMAC	9/16/2002	248.4	<LLD	6.63E-02
201	0.6 MI NE - PMAC	9/23/2002	251.6	<LLD	4.74E-02
201	0.6 MI NE - PMAC	9/30/2002	250.5	<LLD	4.76E-02
201	0.6 MI NE - PMAC	10/7/2002	248.3	<LLD	5.25E-02
201	0.6 MI NE - PMAC	10/14/2002	248.8	<LLD	5.87E-02
201	0.6 MI NE - PMAC	10/21/2002	243.3	<LLD	5.00E-02
201	0.6 MI NE - PMAC	10/28/2002	243.9	<LLD	3.50E-02
201	0.6 MI NE - PMAC	11/4/2002	244.9	<LLD	3.77E-02
201	0.6 MI NE - PMAC	11/11/2002	238.9	<LLD	3.59E-02
201	0.6 MI NE - PMAC	11/18/2002	241.6	<LLD	3.40E-02
201	0.6 MI NE - PMAC	11/25/2002	238.7	<LLD	3.06E-02
201	0.6 MI NE - PMAC	12/2/2002	238.0	<LLD	5.11E-02
201	0.6 MI NE - PMAC	12/9/2002	228.7	<LLD	4.26E-02
201	0.6 MI NE - PMAC	12/16/2002	218.8	<LLD	3.89E-02
201	0.6 MI NE - PMAC	12/23/2002	220.2	<LLD	4.42E-02
201	0.6 MI NE - PMAC	12/30/2002	259.7	<LLD	4.40E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Activity</b></i>	<i><b>LLD</b></i>
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/7/2002	260.2	<LLD	2.88E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/14/2002	258.5	<LLD	2.45E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/21/2002	260.3	<LLD	2.83E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	1/28/2002	262.7	<LLD	1.81E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/4/2002	255.0	<LLD	4.03E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/11/2002	272.2	<LLD	4.25E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/18/2002	279.8	<LLD	3.84E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/25/2002	279.9	<LLD	2.60E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/4/2002	278.9	<LLD	3.66E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/11/2002	284.1	<LLD	3.51E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/18/2002	281.9	<LLD	1.99E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	3/25/2002	285.5	<LLD	2.45E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/1/2002	284.5	<LLD	1.71E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/8/2002	286.4	<LLD	4.18E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/15/2002	289.5	<LLD	1.81E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/22/2002	283.7	<LLD	3.60E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	4/29/2002	289.8	<LLD	5.29E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/6/2002	287.6	<LLD	4.36E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/13/2002	291.2	<LLD	2.45E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/20/2002	286.3	<LLD	2.33E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/27/2002	289.8	<LLD	3.47E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/3/2002	287.8	<LLD	3.59E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/10/2002	290.6	<LLD	4.39E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/17/2002	293.4	<LLD	3.41E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	6/24/2002	285.5	<LLD	2.28E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/1/2002	288.1	<LLD	2.62E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Activity</b></i>	<i><b>LLD</b></i>
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/8/2002	266.8	<LLD	4.73E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/15/2002	259.4	<LLD	4.28E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/22/2002	266.0	<LLD	4.71E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	7/29/2002	262.6	<LLD	2.34E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/5/2002	262.1	<LLD	2.87E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/12/2002	261.1	<LLD	1.78E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/19/2002	262.4	<LLD	3.54E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/26/2002	265.6	<LLD	2.37E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/3/2002	262.2	<LLD	3.11E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/9/2002	261.9	<LLD	2.33E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/16/2002	263.5	<LLD	2.62E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/23/2002	265.1	<LLD	2.75E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	9/30/2002	258.4	<LLD	2.38E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/7/2002	266.9	<LLD	2.94E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/14/2002	257.9	<LLD	3.01E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/21/2002	258.3	<LLD	2.45E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	10/28/2002	254.0	<LLD	4.57E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/4/2002	259.5	<LLD	4.33E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/11/2002	248.4	<LLD	4.89E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/18/2002	255.9	<LLD	3.94E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/25/2002	247.6	<LLD	4.44E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/2/2002	250.6	<LLD	5.49E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/9/2002	243.9	<LLD	3.90E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/16/2002	248.8	<LLD	4.59E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/23/2002	247.3	<LLD	4.23E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	12/30/2002	255.2	<LLD	5.86E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Activity</b></i>	<i><b>LLD</b></i>
203 2.3 MI SSW - SOUTHPORT SUBSTATION	1/7/2002	268.7	<LLD	2.72E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	1/14/2002	267.9	<LLD	3.43E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	1/21/2002	269.7	<LLD	3.88E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	1/28/2002	272.6	<LLD	3.97E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	2/4/2002	272.0	<LLD	5.99E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	2/11/2002	270.0	<LLD	2.80E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	2/18/2002	279.1	<LLD	2.54E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	2/25/2002	277.4	<LLD	3.41E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	3/4/2002	275.4	<LLD	2.45E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	3/11/2002	280.6	<LLD	2.57E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	3/18/2002	278.8	<LLD	2.68E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	3/25/2002	282.3	<LLD	3.60E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	4/1/2002	282.9	<LLD	2.49E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	4/8/2002	283.4	<LLD	2.21E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	4/15/2002	287.1	<LLD	3.53E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	4/22/2002	287.0	<LLD	2.77E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	4/29/2002	289.7	<LLD	2.38E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/6/2002	286.1	<LLD	3.48E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/13/2002	291.2	<LLD	4.00E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/20/2002	285.7	<LLD	3.87E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/27/2002	283.8	<LLD	5.00E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	6/3/2002	286.0	<LLD	2.63E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	6/10/2002	289.1	<LLD	1.95E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	6/17/2002	290.6	<LLD	2.49E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	6/24/2002	277.3	<LLD	4.79E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	7/1/2002	282.3	<LLD	5.16E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Activity</i></b>	<b><i>LLD</i></b>
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/8/2002	260.4	<LLD	2.74E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/15/2002	251.4	<LLD	2.51E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/22/2002	257.4	<LLD	2.40E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	7/29/2002	256.0	<LLD	4.91E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/5/2002	253.2	<LLD	5.41E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/12/2002	250.3	<LLD	4.65E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/19/2002	252.6	<LLD	4.42E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	8/26/2002	239.9	<LLD	5.15E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/3/2002	216.2	<LLD	5.49E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/9/2002	214.9	<LLD	5.36E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/16/2002	264.2	<LLD	5.43E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/23/2002	264.6	<LLD	5.35E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	9/30/2002	258.3	<LLD	5.03E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/7/2002	265.5	<LLD	4.72E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/14/2002	257.0	<LLD	4.08E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/21/2002	256.6	<LLD	4.65E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	10/28/2002	251.4	<LLD	3.39E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/4/2002	256.6	<LLD	2.28E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/11/2002	246.4	<LLD	2.09E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/18/2002	254.8	<LLD	2.87E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	11/25/2002	244.4	<LLD	2.62E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/2/2002	246.8	<LLD	3.19E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/9/2002	238.7	<LLD	3.08E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/16/2002	232.8	<LLD	3.02E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/23/2002	221.5	<LLD	3.32E-02
203	2.3 MI SSW - SOUTHPORT SUBSTATION	12/30/2002	253.1	<LLD	3.24E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Activity</b></i>	<i><b>LLD</b></i>
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	1/7/2002	273.3	<LLD	4.43E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	1/14/2002	275.4	<LLD	3.28E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	1/21/2002	276.7	<LLD	2.02E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	1/28/2002	276.5	<LLD	2.00E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	2/4/2002	276.9	<LLD	3.02E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	2/11/2002	275.5	<LLD	3.40E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	2/18/2002	273.3	<LLD	3.38E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	2/25/2002	274.2	<LLD	2.74E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	3/4/2002	272.1	<LLD	2.76E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	3/11/2002	274.2	<LLD	3.55E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	3/18/2002	278.2	<LLD	2.55E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	3/25/2002	282.3	<LLD	2.00E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	4/1/2002	279.0	<LLD	3.17E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	4/8/2002	276.2	<LLD	3.76E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	4/15/2002	280.8	<LLD	4.02E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	4/22/2002	282.5	<LLD	3.60E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	4/29/2002	280.9	<LLD	2.58E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	5/6/2002	281.6	<LLD	1.89E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	5/13/2002	286.3	<LLD	1.80E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	5/20/2002	278.0	<LLD	2.48E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	5/27/2002	286.3	<LLD	3.82E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	6/3/2002	278.2	<LLD	3.25E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	6/10/2002	283.2	<LLD	3.38E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	6/17/2002	286.0	<LLD	4.14E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	6/24/2002	278.7	<LLD	2.57E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	7/1/2002	281.6	<LLD	3.96E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Activity</b></i>	<i><b>LLD</b></i>
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	7/8/2002	256.6	<LLD	3.39E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	7/15/2002	254.7	<LLD	4.36E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	7/22/2002	253.4	<LLD	3.17E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	7/29/2002	253.8	<LLD	2.23E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	8/5/2002	254.3	<LLD	2.36E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	8/12/2002	254.7	<LLD	2.79E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	8/19/2002	254.2	<LLD	3.11E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	8/26/2002	254.5	<LLD	2.64E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	9/3/2002	253.3	<LLD	3.94E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	9/9/2002	253.0	<LLD	3.02E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	9/16/2002	252.7	<LLD	2.64E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	9/23/2002	253.5	<LLD	3.72E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	9/30/2002	252.7	<LLD	4.07E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	10/7/2002	253.2	<LLD	3.14E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	10/14/2002	254.8	<LLD	3.64E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	10/21/2002	247.1	<LLD	3.29E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	10/28/2002	259.7	<LLD	3.64E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	11/4/2002	238.4	<LLD	3.26E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	11/11/2002	247.1	<LLD	4.60E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	11/18/2002	256.4	<LLD	3.44E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	11/25/2002	245.7	<LLD	2.84E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	12/2/2002	241.9	<LLD	4.20E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	12/9/2002	238.7	<LLD	4.46E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	12/16/2002	244.7	<LLD	3.85E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	12/23/2002	238.1	<LLD	3.84E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	12/30/2002	240.6	<LLD	4.25E-02



# ***BSEP Radiological Environmental Monitoring Analysis Report***

*Media Type: Air Cartridge*

*Quantity: cubic meters*

*Activity: pCi/cubic meter*

*Analysis: Iodine*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Activity</i></b>	<b><i>LLD</i></b>
205	0.6 MI SSE - SPOIL POND	1/7/2002	273.8	<LLD	2.86E-02
205	0.6 MI SSE - SPOIL POND	1/14/2002	278.1	<LLD	3.51E-02
205	0.6 MI SSE - SPOIL POND	1/21/2002	268.3	<LLD	3.29E-02
205	0.6 MI SSE - SPOIL POND	1/28/2002	278.2	<LLD	2.92E-02
205	0.6 MI SSE - SPOIL POND	2/4/2002	280.5	<LLD	4.35E-02
205	0.6 MI SSE - SPOIL POND	2/11/2002	280.3	<LLD	4.15E-02
205	0.6 MI SSE - SPOIL POND	2/18/2002	280.2	<LLD	4.14E-02
205	0.6 MI SSE - SPOIL POND	2/25/2002	280.2	<LLD	3.70E-02
205	0.6 MI SSE - SPOIL POND	3/4/2002	281.6	<LLD	4.72E-02
205	0.6 MI SSE - SPOIL POND	3/11/2002	282.9	<LLD	3.00E-02
205	0.6 MI SSE - SPOIL POND	3/18/2002	280.8	<LLD	2.93E-02
205	0.6 MI SSE - SPOIL POND	3/25/2002	275.3	<LLD	2.90E-02
205	0.6 MI SSE - SPOIL POND	4/1/2002	283.4	<LLD	3.63E-02
205	0.6 MI SSE - SPOIL POND	4/8/2002	265.4	<LLD	4.16E-02
205	0.6 MI SSE - SPOIL POND	4/15/2002	283.7	<LLD	2.21E-02
205	0.6 MI SSE - SPOIL POND	4/22/2002	281.3	<LLD	4.99E-02
205	0.6 MI SSE - SPOIL POND	4/29/2002	286.3	<LLD	4.10E-02
205	0.6 MI SSE - SPOIL POND	5/6/2002	274.6	<LLD	3.69E-02
205	0.6 MI SSE - SPOIL POND	5/13/2002	284.2	<LLD	5.25E-02
205	0.6 MI SSE - SPOIL POND	5/20/2002	267.6	<LLD	1.09E-02
205	0.6 MI SSE - SPOIL POND	5/27/2002	259.7	<LLD	3.82E-02
205	0.6 MI SSE - SPOIL POND	6/3/2002	258.8	<LLD	3.99E-02
205	0.6 MI SSE - SPOIL POND	6/10/2002	265.0	<LLD	4.23E-02
205	0.6 MI SSE - SPOIL POND	6/17/2002	264.8	<LLD	4.05E-02
205	0.6 MI SSE - SPOIL POND	6/24/2002	259.3	<LLD	6.04E-02
205	0.6 MI SSE - SPOIL POND	7/1/2002	302.0	<LLD	2.74E-02

# ***BSEP Radiological Environmental Monitoring Analysis Report***

Media Type: Air Cartridge

Quantity: cubic meters

Activity: pCi/cubic meter

Analysis: Iodine

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Activity</b></i>	<i><b>LLD</b></i>
205 0.6 MI SSE - SPOIL POND	7/8/2002	273.6	<LLD	4.64E-02
205 0.6 MI SSE - SPOIL POND	7/15/2002	265.5	<LLD	4.56E-02
205 0.6 MI SSE - SPOIL POND	7/22/2002	270.0	<LLD	4.47E-02
205 0.6 MI SSE - SPOIL POND	7/29/2002	269.8	<LLD	5.12E-02
205 0.6 MI SSE - SPOIL POND	8/5/2002	266.0	<LLD	4.37E-02
205 0.6 MI SSE - SPOIL POND	8/12/2002	267.8	<LLD	3.43E-02
205 0.6 MI SSE - SPOIL POND	8/19/2002	266.6	<LLD	5.52E-02
205 0.6 MI SSE - SPOIL POND	8/26/2002	268.2	<LLD	5.22E-02
205 0.6 MI SSE - SPOIL POND	9/3/2002	264.8	<LLD	4.65E-02
205 0.6 MI SSE - SPOIL POND	9/9/2002	265.8	<LLD	4.84E-02
205 0.6 MI SSE - SPOIL POND	9/16/2002	266.0	<LLD	4.67E-02
205 0.6 MI SSE - SPOIL POND	9/23/2002	268.4	<LLD	5.29E-02
205 0.6 MI SSE - SPOIL POND	9/30/2002	263.3	<LLD	3.43E-02
205 0.6 MI SSE - SPOIL POND	10/7/2002	267.5	<LLD	2.98E-02
205 0.6 MI SSE - SPOIL POND	10/14/2002	262.7	<LLD	4.53E-02
205 0.6 MI SSE - SPOIL POND	10/21/2002	262.2	<LLD	6.17E-02
205 0.6 MI SSE - SPOIL POND	10/28/2002	259.5	<LLD	5.73E-02
205 0.6 MI SSE - SPOIL POND	11/4/2002	264.0	<LLD	4.77E-02
205 0.6 MI SSE - SPOIL POND	11/11/2002	254.9	<LLD	4.19E-02
205 0.6 MI SSE - SPOIL POND	11/18/2002	259.6	<LLD	3.87E-02
205 0.6 MI SSE - SPOIL POND	11/25/2002	255.2	<LLD	4.02E-02
205 0.6 MI SSE - SPOIL POND	12/2/2002	255.2	<LLD	5.78E-02
205 0.6 MI SSE - SPOIL POND	12/9/2002	249.7	<LLD	4.63E-02
205 0.6 MI SSE - SPOIL POND	12/16/2002	251.6	<LLD	5.03E-02
205 0.6 MI SSE - SPOIL POND	12/23/2002	257.4	<LLD	4.96E-02
205 0.6 MI SSE - SPOIL POND	12/30/2002	260.7	<LLD	5.71E-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>Efficiency</i>	<i>Activity</i>	<i>LLD</i>
400 0.7 MI NE - INTAKE CANAL (CONTROL)	1/31/2002	0.005	4.37E-01	<LLD	2.99E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	2/28/2002	0.005	4.48E-01	<LLD	2.95E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	3/31/2002	0.005	4.46E-01	<LLD	2.90E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	4/30/2002	0.005	4.44E-01	<LLD	2.94E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	5/31/2002	0.005	4.46E-01	<LLD	2.97E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	6/30/2002	0.005	4.43E-01	<LLD	2.98E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	7/31/2002	0.005	4.40E-01	<LLD	3.06E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	8/31/2002	0.005	4.43E-01	<LLD	2.98E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	9/30/2002	0.005	4.41E-01	<LLD	2.94E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	10/31/2002	0.005	4.40E-01	<LLD	3.13E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	11/30/2002	0.005	4.43E-01	<LLD	3.14E+02
400 0.7 MI NE - INTAKE CANAL (CONTROL)	12/31/2002	0.005	4.38E-01	<LLD	3.11E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/31/2002	0.005	4.36E-01	<LLD	2.99E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/28/2002	0.005	4.48E-01	<LLD	2.95E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/31/2002	0.005	4.46E-01	<LLD	2.90E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/30/2002	0.005	4.46E-01	<LLD	2.93E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/31/2002	0.005	4.47E-01	<LLD	2.96E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/30/2002	0.005	4.44E-01	<LLD	2.98E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/31/2002	0.005	4.42E-01	<LLD	3.05E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/31/2002	0.005	4.43E-01	<LLD	2.98E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/30/2002	0.005	4.38E-01	<LLD	3.15E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/31/2002	0.005	4.40E-01	<LLD	3.13E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/30/2002	0.005	4.43E-01	<LLD	3.14E+02
401 4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/31/2002	0.005	4.40E-01	<LLD	3.10E+02

# **2002 BSEP**

## **Radiological Environmental Monitoring**

### **Gamma Isotopic Report**

#### **Comments**

- All AC and AP samples were available.
- 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*

<b><i>Sample Point</i></b>	<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
200 1.0 MI SW - VISITORS CENTER	2/15/2002	3396.7	PB-214	2.83E-03	1.99E-03
200 1.0 MI SW - VISITORS CENTER	2/15/2002	3396.7	BE-7	1.15E-01	1.82E-02
200 1.0 MI SW - VISITORS CENTER	5/15/2002	3798.7	BE-7	9.40E-02	1.28E-02
200 1.0 MI SW - VISITORS CENTER	8/15/2002	4116.3	PB-214	3.19E-03	9.85E-04
200 1.0 MI SW - VISITORS CENTER	8/15/2002	4116.3	BE-7	8.80E-02	1.03E-02
200 1.0 MI SW - VISITORS CENTER	8/15/2002	4116.3	PB-212	6.38E-04	4.50E-04
200 1.0 MI SW - VISITORS CENTER	8/15/2002	4116.3	K-40	1.01E-02	8.44E-03
200 1.0 MI SW - VISITORS CENTER	11/15/2002	3567.5	BI-214	1.62E-03	1.27E-03
200 1.0 MI SW - VISITORS CENTER	11/15/2002	3567.5	BE-7	8.66E-02	1.26E-02
201 0.6 MI NE - PMAC	2/15/2002	3285.6	BE-7	1.10E-01	1.84E-02
201 0.6 MI NE - PMAC	5/15/2002	3661.7	BE-7	9.87E-02	2.00E-02
201 0.6 MI NE - PMAC	8/15/2002	3925.3	PB-214	3.08E-03	1.15E-03
201 0.6 MI NE - PMAC	8/15/2002	3925.3	BE-7	8.33E-02	1.39E-02
201 0.6 MI NE - PMAC	11/15/2002	3459.5	PB-214	3.37E-03	1.51E-03
201 0.6 MI NE - PMAC	11/15/2002	3459.5	BE-7	7.99E-02	1.53E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/15/2002	3259	BE-7	1.15E-01	1.39E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/15/2002	3259	BI-214	2.13E-03	1.56E-03
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	2/15/2002	3259	PB-214	1.56E-03	1.42E-03
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	5/15/2002	3749.2	BE-7	1.10E-01	1.53E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/15/2002	4088	TL-208	6.66E-04	5.16E-04
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	8/15/2002	4088	BE-7	8.69E-02	1.27E-02
202 1.0 MI S - SUBSTATION ON CONSTRUCTION RD	11/15/2002	3660	BE-7	8.25E-02	1.33E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	2/15/2002	3294.5	BE-7	1.12E-01	1.46E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/15/2002	3722.6	PB-214	1.93E-03	1.12E-03

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

Media Type: Air Particulate

Quantity: CUBIC METERS

Concentration (Activity): pCi/cubic meter

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Isotope</b></i>	<i><b>Activity</b></i>	<i><b>2 Sigma Error</b></i>
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/15/2002	3722.6	K-40	8.58E-03	8.46E-03
203 2.3 MI SSW - SOUTHPORT SUBSTATION	5/15/2002	3722.6	BE-7	1.11E-01	1.36E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	8/15/2002	3884.3	BE-7	8.54E-02	1.24E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	8/15/2002	3884.3	PB-214	2.04E-03	1.27E-03
203 2.3 MI SSW - SOUTHPORT SUBSTATION	8/15/2002	3884.3	K-40	1.87E-02	8.13E-03
203 2.3 MI SSW - SOUTHPORT SUBSTATION	11/15/2002	3583.9	K-40	1.90E-02	8.26E-03
203 2.3 MI SSW - SOUTHPORT SUBSTATION	11/15/2002	3583.9	BE-7	7.98E-02	1.23E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	11/15/2002	3583.9	PB-212	5.88E-04	5.07E-02
203 2.3 MI SSW - SOUTHPORT SUBSTATION	11/15/2002	3583.9	PB-214	2.47E-03	1.02E-03
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	2/15/2002	3301.6	K-40	1.12E-02	1.06E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	2/15/2002	3301.6	BE-7	1.19E-01	1.74E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	5/15/2002	3660.4	K-40	1.29E-02	1.14E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	5/15/2002	3660.4	BE-7	1.03E-01	1.68E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	8/15/2002	3952.5	BE-7	9.24E-02	1.31E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	11/15/2002	3562.7	BE-7	8.55E-02	1.66E-02
204 23.0 MI NNE - SUTTON PLANT (CONTROL)	11/15/2002	3562.7	K-40	6.28E-02	1.44E-02
205 0.6 MI SSE - SPOIL POND	2/15/2002	3347.8	BE-7	9.50E-02	2.02E-02
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	BE-7	1.02E-01	1.43E-02
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	K-40	2.13E-02	8.14E-03
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	TL-208	5.61E-04	4.14E-04
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	PB-212	1.03E-03	6.07E-04
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	PB-214	2.51E-03	1.21E-03
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	TH-234	1.20E-02	1.04E-02
205 0.6 MI SSE - SPOIL POND	5/15/2002	3536.2	RA-226	1.34E-02	1.09E-02

## ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

*Media Type: Air Particulate*

*Quantity: CUBIC METERS*

*Concentration (Activity): pCi/cubic meter*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
205	0.6 MI SSE - SPOIL POND	8/15/2002	4167.4	BE-7	9.34E-02	9.78E-03
205	0.6 MI SSE - SPOIL POND	8/15/2002	4167.4	K-40	1.40E-02	8.49E-03
205	0.6 MI SSE - SPOIL POND	8/15/2002	4167.4	PB-212	8.63E-04	3.82E-04
205	0.6 MI SSE - SPOIL POND	8/15/2002	4167.4	PB-214	3.04E-03	1.06E-03
205	0.6 MI SSE - SPOIL POND	11/15/2002	3733.2	BE-7	7.00E-02	1.12E-02
205	0.6 MI SSE - SPOIL POND	11/15/2002	3733.2	PB-214	2.23E-03	9.17E-04
205	0.6 MI SSE - SPOIL POND	11/15/2002	3733.2	K-40	1.86E-02	8.02E-03

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: Cherry

<b><i>Sample Point</i></b>	<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
800 0.7 MI NE - INTAKE CANAL	7/1/2002	515.2	K-40	2.21E+00	4.22E-01
800 0.7 MI NE - INTAKE CANAL	7/1/2002	515.2	PB-214	7.30E-02	4.08E-02
800 0.7 MI NE - INTAKE CANAL	7/1/2002	515.2	BE-7	7.91E-01	2.21E-01
800 0.7 MI NE - INTAKE CANAL	8/1/2002	485.1	K-40	2.53E+00	4.55E-01
800 0.7 MI NE - INTAKE CANAL	8/1/2002	485.1	BE-7	6.31E-01	1.84E-01
801 0.6 MI SW - DISCHARGE CANAL	7/1/2002	538.9	BE-7	2.49E-01	1.47E-01
801 0.6 MI SW - DISCHARGE CANAL	7/1/2002	538.9	K-40	4.08E+00	4.63E-01
801 0.6 MI SW - DISCHARGE CANAL	8/1/2002	576.7	K-40	2.93E+00	4.95E-01
801 0.6 MI SW - DISCHARGE CANAL	8/1/2002	576.7	BE-7	5.89E-01	2.07E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	7/1/2002	647.8	K-40	3.53E+00	4.25E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	7/1/2002	647.8	BE-7	3.25E-01	1.99E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	8/1/2002	625.3	K-40	3.27E+00	3.49E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	8/1/2002	625.3	BE-7	5.46E-01	1.25E-01
803 0.6 MI SSE - SPOIL POND	7/1/2002	490.7	BI-214	5.54E-02	3.43E-02
803 0.6 MI SSE - SPOIL POND	7/1/2002	490.7	K-40	4.04E+00	4.40E-01
803 0.6 MI SSE - SPOIL POND	7/1/2002	490.7	BE-7	2.43E-01	1.63E-01
803 0.6 MI SSE - SPOIL POND	8/1/2002	572.8	K-40	4.15E+00	5.06E-01
803 0.6 MI SSE - SPOIL POND	8/1/2002	572.8	BE-7	2.88E-01	2.12E-01



# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: Wax Myrtle

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Isotope</b></i>	<i><b>Activity</b></i>	<i><b>2 Sigma Error</b></i>
800 0.7 MI NE - INTAKE CANAL	1/1/2002	454.5	K-40	1.59E+00	3.53E-01
800 0.7 MI NE - INTAKE CANAL	1/1/2002	454.5	BE-7	8.58E-01	2.82E-01
800 0.7 MI NE - INTAKE CANAL	2/1/2002	454.1	K-40	1.58E+00	3.95E-01
800 0.7 MI NE - INTAKE CANAL	2/1/2002	454.1	BE-7	1.02E+00	1.97E-01
800 0.7 MI NE - INTAKE CANAL	3/1/2002	478.7	K-40	1.53E+00	3.41E-01
800 0.7 MI NE - INTAKE CANAL	3/1/2002	478.7	BE-7	1.24E+00	1.92E-01
800 0.7 MI NE - INTAKE CANAL	4/1/2002	388.3	BE-7	1.55E+00	2.51E-01
800 0.7 MI NE - INTAKE CANAL	4/1/2002	388.3	PB-214	5.84E-02	3.14E-02
800 0.7 MI NE - INTAKE CANAL	4/1/2002	388.3	K-40	2.76E+00	4.96E-01
800 0.7 MI NE - INTAKE CANAL	5/1/2002	377.5	BE-7	5.17E-01	2.45E-01
800 0.7 MI NE - INTAKE CANAL	5/1/2002	377.5	K-40	3.96E+00	5.30E-01
800 0.7 MI NE - INTAKE CANAL	6/3/2002	502.9	K-40	3.69E+00	4.77E-01
800 0.7 MI NE - INTAKE CANAL	6/3/2002	502.9	BE-7	4.70E-01	2.08E-01
800 0.7 MI NE - INTAKE CANAL	9/3/2002	407	BE-7	1.33E+00	3.04E-01
800 0.7 MI NE - INTAKE CANAL	9/3/2002	407	K-40	1.65E+00	5.65E-01
800 0.7 MI NE - INTAKE CANAL	10/1/2002	389.2	K-40	1.46E+00	5.49E-01
800 0.7 MI NE - INTAKE CANAL	10/1/2002	389.2	BE-7	1.57E+00	2.96E-01
800 0.7 MI NE - INTAKE CANAL	11/4/2002	490	BE-7	1.92E+00	2.47E-01
800 0.7 MI NE - INTAKE CANAL	11/4/2002	490	K-40	1.54E+00	3.77E-01
800 0.7 MI NE - INTAKE CANAL	12/2/2002	375.6	K-40	2.29E+00	4.85E-01
800 0.7 MI NE - INTAKE CANAL	12/2/2002	375.6	BE-7	1.39E+00	2.96E-01
801 0.6 MI SW - DISCHARGE CANAL	1/1/2002	434.2	K-40	1.53E+00	4.52E-01
801 0.6 MI SW - DISCHARGE CANAL	1/1/2002	434.2	BE-7	9.20E-01	2.00E-01
801 0.6 MI SW - DISCHARGE CANAL	2/1/2002	462.3	BE-7	7.84E-01	1.98E-01
801 0.6 MI SW - DISCHARGE CANAL	2/1/2002	462.3	K-40	1.62E+00	4.35E-01
801 0.6 MI SW - DISCHARGE CANAL	3/1/2002	486.6	BE-7	1.15E+00	2.00E-01

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: Wax Myrtle

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Isotope</b></i>	<i><b>Activity</b></i>	<i><b>2 Sigma Error</b></i>
801 0.6 MI SW - DISCHARGE CANAL	3/1/2002	486.6	K-40	2.32E+00	3.94E-01
801 0.6 MI SW - DISCHARGE CANAL	4/1/2002	484.6	BE-7	1.37E+00	2.40E-01
801 0.6 MI SW - DISCHARGE CANAL	4/1/2002	484.6	K-40	1.80E+00	4.91E-01
801 0.6 MI SW - DISCHARGE CANAL	4/1/2002	484.6	RA-226	7.84E-01	4.28E-01
801 0.6 MI SW - DISCHARGE CANAL	5/1/2002	410.9	K-40	3.32E+00	5.46E-01
801 0.6 MI SW - DISCHARGE CANAL	6/3/2002	547.7	BE-7	2.03E-01	1.38E-01
801 0.6 MI SW - DISCHARGE CANAL	6/3/2002	547.7	K-40	4.29E+00	5.30E-01
801 0.6 MI SW - DISCHARGE CANAL	9/3/2002	391.4	K-40	3.73E+00	5.31E-01
801 0.6 MI SW - DISCHARGE CANAL	9/3/2002	391.4	BE-7	1.06E+00	2.35E-01
801 0.6 MI SW - DISCHARGE CANAL	10/1/2002	362.8	BE-7	9.03E-01	2.37E-01
801 0.6 MI SW - DISCHARGE CANAL	10/1/2002	362.8	K-40	2.15E+00	5.99E-01
801 0.6 MI SW - DISCHARGE CANAL	11/4/2002	496.1	BE-7	1.12E+00	2.07E-01
801 0.6 MI SW - DISCHARGE CANAL	11/4/2002	496.1	K-40	1.71E+00	5.03E-01
801 0.6 MI SW - DISCHARGE CANAL	12/2/2002	375.9	K-40	1.78E+00	5.68E-01
801 0.6 MI SW - DISCHARGE CANAL	12/2/2002	375.9	BE-7	1.17E+00	2.33E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	1/1/2002	462.1	PB-214	7.74E-02	4.01E-02
802 10.0 MI - NOT SPECIFIED (CONTROL)	1/1/2002	462.1	K-40	2.43E+00	3.47E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	1/1/2002	462.1	BE-7	8.82E-01	1.86E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	2/1/2002	500.1	BE-7	9.06E-01	1.90E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	2/1/2002	500.1	K-40	1.54E+00	4.18E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	3/1/2002	553	BE-7	1.99E+00	2.62E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	3/1/2002	553	K-40	1.65E+00	3.72E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	4/1/2002	458.6	BE-7	1.88E+00	3.48E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	4/1/2002	458.6	K-40	1.24E+00	4.05E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	4/1/2002	458.6	PB-214	6.25E-02	4.13E-02
802 10.0 MI - NOT SPECIFIED (CONTROL)	5/1/2002	606.3	K-40	4.04E+00	4.34E-01

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

Media Type: Broadleaf Vegetation

Quantity: GRAMS (wet)

Concentration (Activity): pCi/gm wet

Media: Wax Myrtle

<i><b>Sample Point</b></i>	<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Isotope</b></i>	<i><b>Activity</b></i>	<i><b>2 Sigma Error</b></i>
802 10.0 MI - NOT SPECIFIED (CONTROL)	6/3/2002	609	BE-7	3.53E-01	1.72E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	6/3/2002	609	K-40	4.16E+00	4.81E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	6/3/2002	609	PB-212	2.91E-02	2.66E-02
802 10.0 MI - NOT SPECIFIED (CONTROL)	9/3/2002	371.5	BI-214	6.59E-02	5.00E-02
802 10.0 MI - NOT SPECIFIED (CONTROL)	9/3/2002	371.5	K-40	1.68E+00	4.99E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	9/3/2002	371.5	BE-7	4.65E-01	2.83E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	10/1/2002	374.8	BE-7	5.14E-01	2.70E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	10/1/2002	374.8	K-40	2.94E+00	5.00E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	11/4/2002	508.4	BE-7	3.86E-01	1.62E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	11/4/2002	508.4	RA-226	5.27E-01	3.26E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	11/4/2002	508.4	K-40	1.23E+00	3.58E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	12/2/2002	372.3	K-40	2.04E+00	5.85E-01
802 10.0 MI - NOT SPECIFIED (CONTROL)	12/2/2002	372.3	BE-7	6.87E-01	2.25E-01
803 0.6 MI SSE - SPOIL POND	1/1/2002	431.3	K-40	3.08E+00	4.42E-01
803 0.6 MI SSE - SPOIL POND	1/1/2002	431.3	BE-7	9.49E-01	2.49E-01
803 0.6 MI SSE - SPOIL POND	2/1/2002	449.3	BE-7	5.77E-01	2.50E-01
803 0.6 MI SSE - SPOIL POND	2/1/2002	449.3	BI-214	1.14E-01	5.03E-02
803 0.6 MI SSE - SPOIL POND	2/1/2002	449.3	K-40	3.02E+00	4.52E-01
803 0.6 MI SSE - SPOIL POND	3/1/2002	463.2	K-40	1.96E+00	4.50E-01
803 0.6 MI SSE - SPOIL POND	3/1/2002	463.2	BE-7	9.73E-01	2.15E-01
803 0.6 MI SSE - SPOIL POND	4/1/2002	485.2	BE-7	1.42E+00	2.34E-01
803 0.6 MI SSE - SPOIL POND	4/1/2002	485.2	K-40	2.62E+00	4.67E-01
803 0.6 MI SSE - SPOIL POND	5/1/2002	384.7	K-40	3.84E+00	6.14E-01
803 0.6 MI SSE - SPOIL POND	5/1/2002	384.7	BE-7	2.28E-01	1.96E-01
803 0.6 MI SSE - SPOIL POND	6/3/2002	484.2	K-40	3.05E+00	4.94E-01
803 0.6 MI SSE - SPOIL POND	6/3/2002	484.2	BE-7	2.97E-01	1.97E-01

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

*Media Type: Broadleaf Vegetation*

*Quantity: GRAMS (wet)*

*Concentration (Activity): pCi/gm wet*

*Media: Wax Myrtle*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
803	0.6 MI SSE - SPOIL POND	9/3/2002	365	BE-7	1.01E+00	2.25E-01
803	0.6 MI SSE - SPOIL POND	9/3/2002	365	K-40	1.92E+00	4.81E-01
803	0.6 MI SSE - SPOIL POND	10/1/2002	355.1	BE-7	9.31E-01	2.41E-01
803	0.6 MI SSE - SPOIL POND	10/1/2002	355.1	K-40	1.85E+00	4.73E-01
803	0.6 MI SSE - SPOIL POND	11/4/2002	550	BE-7	1.74E+00	2.25E-01
803	0.6 MI SSE - SPOIL POND	11/4/2002	550	K-40	1.85E+00	4.06E-01
803	0.6 MI SSE - SPOIL POND	12/2/2002	376.3	K-40	3.80E+00	5.20E-01
803	0.6 MI SSE - SPOIL POND	12/2/2002	376.3	BE-7	1.86E+00	3.20E-01

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

*Media Type: Fish and Invertebrates*

*Quantity: GRAMS (wet)*

*Concentration (Activity): pCi/gm wet*

<b><i>Sample Point</i></b>	<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
700 5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	5/16/2002	359.4	K-40	5.21E+00	1.48E+00
700 5.5 MI SSW - FREE SWIMMERS - ATLANTIC OCEAN AT DI	10/7/2002	736.3	K-40	4.40E+00	9.31E-01
701 5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	5/16/2002	321.8	K-40	4.39E+00	1.29E+00
701 5.5 MI SSW - BOTTOM FEEDER - ATLANTIC OCEAN AT DI	10/7/2002	627.3	K-40	2.69E+00	8.45E-01
702 5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	5/16/2002	455.2	K-40	2.64E+00	8.60E-01
702 5.5 MI SSW - SH/BO* - ATLANTIC OCEAN AT DISCHARGE	10/7/2002	480.3	K-40	3.80E+00	1.23E+00
703 FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	5/29/2002	721.4	K-40	2.10E+00	8.79E-01
703 FREE SWIMMERS - ATLANTIC OCEAN (CONTROL)	10/7/2002	642.8	K-40	3.05E+00	8.72E-01
704 BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	5/29/2002	658.4	K-40	1.94E+00	8.16E-01
704 BOTTOM FEEDER - ATLANTIC OCEAN (CONTROL)	10/7/2002	692.4	K-40	4.11E+00	9.38E-01
705 SH/BO* - ATLANTIC OCEAN (CONTROL)	5/20/2002	804.1	K-40	1.25E+00	6.20E-01
705 SH/BO* - ATLANTIC OCEAN (CONTROL)	10/7/2002	529.3	K-40	3.23E+00	1.26E+00

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

*Media Type: Shoreline Sediment*

*Quantity: GRAMS (dry)*

*Concentration (Activity): pCi/gm dry*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/21/2002	1481.4	PB-214	1.23E-01	4.26E-02
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/21/2002	1481.4	TL-208	4.32E-02	1.82E-02
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	5/21/2002	1481.4	K-40	7.64E-01	2.58E-01
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/7/2002	1595.2	PB-214	1.27E-01	4.15E-02
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/7/2002	1595.2	BI-214	1.45E-01	3.59E-02
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/7/2002	1595.2	PB-212	1.06E-01	2.72E-02
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/7/2002	1595.2	TL-208	3.76E-02	1.93E-02
500	4.9 MI SSW - DISCHARGE; BEACH NEAR OD PUMPS	10/7/2002	1595.2	K-40	9.21E-01	2.73E-01

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

Media Type: Surface Water

Quantity: Liters

Concentration (Activity): pCi/L

<i><b>Sample Point</b></i>		<i><b>Sample Date</b></i>	<i><b>Quantity</b></i>	<i><b>Isotope</b></i>	<i><b>Activity</b></i>	<i><b>2 Sigma Error</b></i>
400	0.7 MI NE - INTAKE CANAL (CONTROL)	1/31/2002	1	K-40	3.24E+02	9.54E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	2/28/2002	1	K-40	2.55E+02	8.33E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	2/28/2002	1	PB-212	1.02E+01	6.72E+00
400	0.7 MI NE - INTAKE CANAL (CONTROL)	3/31/2002	1	K-40	1.78E+02	9.70E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	4/30/2002	1	K-40	1.96E+02	1.03E+02
400	0.7 MI NE - INTAKE CANAL (CONTROL)	5/31/2002	1	K-40	2.97E+02	6.80E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	6/30/2002	1	K-40	6.62E+02	9.00E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	7/31/2002	1	K-40	3.16E+02	1.18E+02
400	0.7 MI NE - INTAKE CANAL (CONTROL)	8/31/2002	1	K-40	3.22E+02	9.01E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	9/30/2002	1	PB-212	7.75E+00	6.02E+00
400	0.7 MI NE - INTAKE CANAL (CONTROL)	9/30/2002	1	K-40	3.27E+02	8.66E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	10/31/2002	1	K-40	3.25E+02	8.45E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	11/30/2002	1	K-40	2.51E+02	7.10E+01
400	0.7 MI NE - INTAKE CANAL (CONTROL)	12/31/2002	1	K-40	2.37E+02	1.27E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	1/31/2002	1	K-40	2.78E+02	7.80E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	2/28/2002	1	K-40	2.18E+02	8.11E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	3/31/2002	1	K-40	2.51E+02	1.13E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	4/30/2002	1	K-40	2.46E+02	1.02E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	5/31/2002	1	K-40	3.32E+02	6.86E+01
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	6/30/2002	1	K-40	2.54E+02	1.29E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/31/2002	1	TL-208	6.46E+00	3.81E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	7/31/2002	1	K-40	4.00E+02	1.26E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	8/31/2002	1	K-40	3.00E+02	1.05E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	9/30/2002	1	K-40	3.11E+00	1.09E+00
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	10/31/2002	1	K-40	3.28E+02	1.17E+02
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	11/30/2002	1	K-40	5.94E+02	6.47E+01

# ***BSEP Radiological Environmental Monitoring Gamma Isotopic Report***

*Media Type: Surface Water*

*Quantity: Liters*

*Concentration (Activity): pCi/L*

<b><i>Sample Point</i></b>		<b><i>Sample Date</i></b>	<b><i>Quantity</i></b>	<b><i>Isotope</i></b>	<b><i>Activity</i></b>	<b><i>2 Sigma Error</i></b>
401	4.9 MI SSW - DISCHARGE CANAL @ OD PUMPS	12/31/2002	1	K-40	2.11E+02	8.29E+01