Pace Analytical®
ECCS Mobile Lab Services

SUMMARY REPORT

2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
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GAI Consultants
385 East Waterfront Drive
Homestead, PA 15120-5005

Project: Possum Point Power Station
Project Number: 150132.00

LAB #			Y162606-01	Y162606-02	Y162606-03	Y162606-04	Y162606-05	Y162606-06
MATRIX	Method	Reporting	Water	Water	Water	Water	Water	Water
SAMPLE ID	Detection Limit	Limit	160620-1INF-0933 (A)	160620-1INF-0933 (B)	160620-2AA1-0929 (A)	160620-2AA1-0929 (B)	160620-3AB1-0927 (A)	160620-3AB1-0927 (B)
200.8 EPA Metals by ICP/MS - No Digestion (Water)								
Antimony	0.19 ug/L	2.0 ug/L	3.1	3.3	3.2	3.4	3.2	3.3
Arsenic	0.35 ug/L	2.0 ug/L	45	44	1.6 [2]	1.5 [2]	14	13
Cadmium	0.040 ug/L	0.40 ug/L	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Chromium	0.86 ug/L	2.0 ug/L	<0.86	<0.86	<0.86	1.0 [1] [2]	<0.86	2.0 [1]
Copper	0.56 ug/L	2.0 ug/L	0.79 [2]	1.1 [2]	0.69 [2]	0.88 [2]	<0.56	0.76 [2]
Lead	0.21 ug/L	2.0 ug/L	0.23 [2]	0.26 [2]	0.36 [2]	0.41 [2]	<0.21	<0.21
Mercury	0.048 ug/L	0.20 ug/L	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048
Nickel	0.26 ug/L	2.0 ug/L	3.4	3.6	1.9 [2]	1.9 [2]	2.2	2.2
Selenium	0.26 ug/L	2.0 ug/L	9.4	8.7	6.3	5.6	7.2	6.2
Silver	0.16 ug/L	0.40 ug/L	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Thallium	0.051 ug/L	0.40 ug/L	0.31 [2]	0.32 [2]	0.22 [2]	0.24 [2]	0.26 [2]	0.28 [2]
Zinc	0.83 ug/L	2.0 ug/L	9.0 [3]	11	11 [3]	13	56 [3]	63

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LAB #			Y162606-07	Y162606-08	Y162606-09	Y162606-10	Y162606-11	Y162606-12
MATRIX	Method	Reporting	Water	Water	Water	Water	Water	Water
SAMPLE ID	Detection Limit	Limit	160620-1INF-1106 (A)	160620-1INF-1106 (B)	160620-2AA1-1102 (A)	160620-2AA1-1102 (B)	160620-3AB1-1058 (A)	160620-3AB1-1058 (B)
200.8 EPA Metals by ICP/MS - No Digestion (Water)								
Antimony	0.19 ug/L	2.0 ug/L	2.9	3.1	3.3	3.3	3.2	3.4
Arsenic	0.35 ug/L	2.0 ug/L	44	43	1.6 [2]	1.3 [2]	3.2	2.9
Cadmium	0.040 ug/L	0.40 ug/L	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Chromium	0.86 ug/L	2.0 ug/L	<0.86	2.0 [1]	<0.86	1.9 [1] [2]	<0.86	2.2 [1]
Copper	0.56 ug/L	2.0 ug/L	0.82 [2]	1.0 [2]	0.94 [2]	1.2 [1] [2]	0.60 [2]	0.86 [1] [2]
Lead	0.21 ug/L	2.0 ug/L	<0.21	0.22 [2]	0.43 [2]	0.48 [2]	<0.21	0.23 [2]
Mercury	0.048 ug/L	0.20 ug/L	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048
Nickel	0.26 ug/L	2.0 ug/L	3.3	3.3	2.0	1.9 [2]	2.0	1.9 [2]
Selenium	0.26 ug/L	2.0 ug/L	9.1	8.8	6.2	5.5	5.9	5.7
Silver	0.16 ug/L	0.40 ug/L	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Thallium	0.051 ug/L	0.40 ug/L	0.29 [2]	0.30 [2]	0.24 [2]	0.23 [2]	0.28 [2]	0.26 [2]
Zinc	0.83 ug/L	2.0 ug/L	7.4 [3]	9.7	18 [3]	23	81	99

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LAB #			Y162606-13	Y162606-14	Y162606-15	Y162606-16	Y162606-17	Y162606-18
MATRIX	Method	Reporting	Water	Water	Water	Water	Water	Water
SAMPLE ID	Detection Limit	Limit	160620-1INF-12 34 (A)	160620-1INF-12 34 (B)	160620-2AA1-1 231 (A)	160620-2AA1-1 231 (B)	160620-3AB1-1 227 (A)	160620-3AB1-1 227 (B)
200.8 EPA Metals by ICP/MS - No Digestion (Water)								
Antimony	0.19 ug/L	2.0 ug/L	2.9	3.0	3.2	3.1	3.3	3.0
Arsenic	0.35 ug/L	2.0 ug/L	44	41	1.5 [2]	1.3 [2]	1.8 [2]	1.4 [2]
Cadmium	0.040 ug/L	0.40 ug/L	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Chromium	0.86 ug/L	2.0 ug/L	<0.86	1.7 [1] [2]	<0.86	1.7 [1] [2]	<0.86	1.5 [1] [2]
Copper	0.56 ug/L	2.0 ug/L	0.72 [2]	0.92 [1] [2]	0.91 [2]	1.1 [1] [2]	0.57 [2]	0.76 [1] [2]
Lead	0.21 ug/L	2.0 ug/L	<0.21	<0.21	0.36 [2]	0.42 [2]	<0.21	<0.21
Mercury	0.048 ug/L	0.20 ug/L	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048
Nickel	0.26 ug/L	2.0 ug/L	3.3	3.2	1.9 [2]	1.8 [2]	1.9 [2]	1.8 [2]
Selenium	0.26 ug/L	2.0 ug/L	9.1	8.5	5.9	5.6	5.5	5.0
Silver	0.16 ug/L	0.40 ug/L	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Thallium	0.051 ug/L	0.40 ug/L	0.30 [2]	0.30 [2]	0.24 [2]	0.24 [2]	0.29 [2]	0.26 [2]
Zinc	0.83 ug/L	2.0 ug/L	6.7 [3]	8.9	15 [3]	19	71	76

Special Notes

1 = Results may be biased high because of high continuing calibration verification (CCV).
2 = Analyte was detected but is below the reporting limit. The concentration is estimated.
3 = Resuts may be biased low because of low continuing calibration verification (CCV).
4 = The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory control limits.

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LAB #			Y162608-01	Y162608-02	-	-	-	-
MATRIX	Method	Reporting	Water	Water	-	-	-	-
SAMPLE ID	Detection Limit	Limit	6-15 Compliance (A)	6-15 Compliance (B)	-	-	-	-
200.8 EPA Metals by ICP/MS - No Digestion (Water)								
Antimony	0.19 ug/L	2.0 ug/L	2.5	2.5	-	-	-	-
Arsenic	0.35 ug/L	2.0 ug/L	1.7 [2]	1.4 [2]	-	-	-	-
Cadmium	0.040 ug/L	0.40 ug/L	<0.040	<0.040	-	-	-	-
Chromium	0.86 ug/L	2.0 ug/L	<0.86	2.3 [1]	-	-	-	-
Copper	0.56 ug/L	2.0 ug/L	1.7 [2]	2.3 [1]	-	-	-	-
Lead	0.21 ug/L	2.0 ug/L	0.55 [2]	0.57 [2]	-	-	-	-
Mercury	0.048 ug/L	0.20 ug/L	<0.048	<0.048	-	-	-	-
Nickel	0.26 ug/L	2.0 ug/L	2.3	2.5	-	-	-	-
Selenium	0.26 ug/L	2.0 ug/L	4.8	4.7	-	-	-	-
Silver	0.16 ug/L	0.40 ug/L	<0.16	<0.16	-	-	-	-
Thallium	0.051 ug/L	0.40 ug/L	0.47	0.49	-	-	-	-
Zinc	0.83 ug/L	2.0 ug/L	87	110 [1]	-	-	-	-

Special Notes

1 = Results may be biased high because of high continuing calibration verification (CCV).
2 = Analyte was detected but is below the reporting limit. The concentration is estimated.
3 = The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory control limits.