

**Wadesville Mine Water Data - Daily Log Summary****(Mine Pool Level = Distance from Ground Level to Water Surface)**

<b>Date</b>	<b>Totalized Flow (Million Gallons)</b>	<b>Daily Flow (MG)</b>	<b>Specific Conductance (µmhos/cm)</b>	<b>Mine Pool Level (Feet)</b>
7/13/2008	995.83	0.00	-	-
7/14/2008	1002.38	6.55	-	441.00
7/15/2008	1011.46	9.08	1498	444.00
7/16/2008	1020.37	8.91	1470	447.00
7/17/2008	1029.34	8.97	1440	449.00
7/18/2008	1038.14	8.80	1420	448.00
7/19/2008	1046.94	8.80	-	451.00
7/20/2008	1055.73	8.79	-	454.00
7/21/2008	1064.72	8.99	1368	457.00
7/22/2008	1073.45	8.74	1352	459.00
7/23/2008	1082.31	8.85	1332	461.00
7/24/2008	1090.93	8.62	1312	463.00
7/25/2008	1099.60	8.67	1315	466.00
7/26/2008	1108.20	8.60	-	469.00
7/27/2008	1116.85	8.65	-	471.00
7/28/2008	1125.39	8.54	1290	474.00
7/29/2008	1133.98	8.59	1296	475.00
7/30/2008	1142.38	8.40	1286	476.00
7/31/2008	1150.98	8.60	1280	478.00
8/1/2008	1159.53	8.55	-	480.00
8/2/2008	1168.18	8.65	-	481.00
8/3/2008	1176.78	8.60	-	482.00
8/4/2008	1185.38	8.60	-	484.00
8/5/2008	1187.53	2.15	1138	-
8/6/2008 A	-	-	-	-
8/7/2008 A	-	-	-	-
8/8/2008 A	-	-	-	-
8/9/2008 A	-	-	-	-
8/10/2008 A	-	-	-	-
8/11/2008 A	1187.53	-	-	-
8/12/2008	1195.06	7.53	-	-
8/13/2008	1203.56	8.50	-	-
8/14/2008	1212.41	8.85	-	-
8/15/2008 A	-	-	-	-
8/16/2008 A	-	-	-	-
8/17/2008 A	-	-	-	-
8/18/2008 A	-	-	-	-
8/19/2008 A	-	-	-	-
8/20/2008 A	-	-	-	-
8/21/2008 B	0.00	0.00	-	-
8/22/2008	5.88	5.88	1468	-
8/23/2008	14.17	8.30	-	-

A = Release stopped

B = New Meter Installed - Totalizer reset to 0

<b>Date</b>	<b>Totalized Flow (Million Gallons)</b>	<b>Daily Flow (MG)</b>	<b>Specific Conductance (µmhos/cm)</b>	<b>Mine Pool Level (Feet)</b>
8/24/2008	22.47	8.30	-	-
8/25/2008	29.94	7.47	1426	-
8/26/2008	38.43	8.49	1414	-
8/27/2008	46.19	7.77	1414	-
8/28/2008	53.02	6.83	1414	-
8/29/2008	60.50	7.47	1414	-
8/30/2008	67.97	7.48	-	-
8/31/2008	75.45	7.47	-	-
9/1/2008	82.92	7.47	-	-
9/2/2008	90.20	7.28	1414	496.50
9/3/2008	97.46	7.26	1390	-
9/4/2008	104.58	7.11	1384	-
9/5/2008 A	107.48	2.90	1368	-
9/6/2008 A	-	-	-	-
9/7/2008 A	-	-	-	-
9/8/2008 A	-	-	-	-
9/9/2008 A	-	-	-	-
9/10/2008 A	-	-	-	-
9/11/2008 A	-	-	-	-
9/12/2008 A	-	-	-	-
9/13/2008 A	-	-	-	-
9/14/2008 A	-	-	-	-
9/15/2008 A	-	-	-	-
9/16/2008 A	107.48	-	-	-
9/17/2008	107.52	0.04	-	-
9/18/2008	114.31	6.79	-	489.00
9/19/2008	121.50	7.19	1449	491.00
9/20/2008	128.98	7.48	-	493.00
9/21/2008	137.08	8.10	-	495.00
9/22/2008	145.21	8.13	1418	498.00
9/23/2008	151.88	6.67	1417	500.00
9/24/2008	159.18	7.29	1403	502.00
9/25/2008	166.51	7.33	1391	504.00
9/26/2008	173.84	7.33	1382	506.00
9/27/2008	181.17	7.33	-	508.00
9/28/2008	188.50	7.33	-	511.00
9/29/2008	190.00	1.51	1370	514.00
9/30/2008 A	-	-	-	-
10/1/2008 A	-	-	-	-
10/2/2008 A	-	-	-	-
10/3/2008	197.03	7.02	-	-
10/4/2008	204.77	7.74	-	512.00
10/5/2008	211.08	6.31	-	514.00
10/6/2008	218.13	7.05	1430	516.00
10/7/2008	225.13	7.00	1417	519.00
10/8/2008	232.12	6.99	1404	521.00
10/9/2008	240.97	8.85	1383	524.00

A = Release stopped

B = New Meter Installed - Totalizer reset to 0

Date	Totalized		Specific Conductance (µmhos/cm)	Mine Pool Level (Feet)
	Flow (Million Gallons)	Daily Flow (MG)		
10/10/2008	247.03	6.06	1395	526.00
10/11/2008	253.13	6.10	-	528.00
10/12/2008	259.16	6.03	-	530.00
10/13/2008	265.83	6.66	1341	533.00
10/14/2008	272.86	7.03	1352	533.00
10/15/2008	279.01	6.16	1308	537.00
10/16/2008	285.55	6.53	1345	539.00
10/17/2008	292.08	6.53	1310	541.00
10/18/2008	298.60	6.53	-	543.00
10/19/2008	305.13	6.53	-	545.00
10/20/2008	308.21	3.08	1340	547.00
10/21/2008	313.34	5.13	1384	548.00
10/22/2008	319.76	6.42	1367	550.00
10/23/2008	326.19	6.43	1358	552.00
10/24/2008	332.94	6.76	1354	554.00
10/25/2008	339.84	6.90	-	556.00
10/26/2008	347.02	7.17	-	558.00
10/27/2008 A	-	-	1368	560.00
10/28/2008 A	-	-	-	-
10/29/2008 A	-	-	-	-
10/30/2008 A	-	-	-	-
10/31/2008 A	-	-	-	-
11/1/2008 A	-	-	-	-
11/2/2008 A	-	-	-	-
11/3/2008 A	-	-	-	-
11/4/2008 A	-	-	-	-
11/5/2008 A	-	-	-	-
11/6/2008 A	-	-	-	-
11/7/2008 A	-	-	-	-
11/8/2008 A	-	-	-	-
11/9/2008 A	-	-	-	-
11/10/2008 A	353.12	6.10	-	-
11/11/2008	359.51	6.39	1635	545.00
11/12/2008	365.90	6.39	1590	546.00
11/13/2008	372.10	6.20	1565	548.00
11/14/2008	378.30	6.20	-	551.00
11/15/2008	384.50	6.20	-	553.00
11/16/2008	390.70	6.20	-	556.00
11/17/2008 A	-	-	1377	558.00
11/18/2008 A	-	-	-	-
11/19/2008	390.70	-	-	-
11/20/2008	397.02	6.32	-	-
11/21/2008	403.10	6.08	1524	556.00
11/22/2008	409.18	6.08	-	558.00
11/23/2008	415.26	6.08	-	560.00
11/24/2008	421.28	6.02	1413	563.00
11/25/2008	427.30	6.02	-	-

A = Release stopped

B = New Meter Installed - Totalizer reset to 0

<b>Date</b>	<b>Totalized Flow (Million Gallons)</b>	<b>Daily Flow (MG)</b>	<b>Specific Conductance (µmhos/cm)</b>	<b>Mine Pool Level (Feet)</b>
11/26/2008	433.21	5.91	1375	568.00
11/27/2008	439.11	5.91	-	-
11/28/2008	445.06	5.94	1218	571.00
11/29/2008	451.00	5.94	-	573.00
11/30/2008	456.94	5.94	-	575.00
12/1/2008 A	-	-	1235	577.00
12/2/2008 A	-	-	-	-
12/3/2008 A	-	-	-	-
12/4/2008 A	-	-	-	-
12/5/2008 A	-	-	-	-
12/6/2008 A	-	-	-	-
12/7/2008 A	-	-	-	-
12/8/2008 A	-	-	-	-
12/9/2008 A	-	-	-	-
12/10/2008 A	-	-	-	-
12/11/2008 A	-	-	-	-
12/12/2008 A	-	-	-	-
12/13/2008 A	-	-	-	-
12/14/2008 A	-	-	-	-
12/15/2008 A	-	-	-	-

A = Release stopped

B = New Meter Installed - Totalizer reset to 0

**Tabulation of Tamaqua Water Authority Data - Daily Log Summary  
for Still Creek Reservoir**  
(Reservoir Surface Level = Elevation above Mean Sea Level)

Date	Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
6/9/2008	4972.0	0.0	-	-
6/10/2008	4990.0	18.0	-	1182.00
6/11/2008	5009.4	19.4	-	1181.90
6/12/2008	5030.6	21.2	-	1181.70
6/13/2008	5047.7	17.1	-	1181.50
6/14/2008	5066.9	19.2	-	1181.35
6/15/2008	5087.6	20.7	-	1181.20
6/16/2008	5105.5	17.9	9.3	1181.00
6/17/2008	5128.1	22.6	-	1180.80
6/18/2008 A	-	-	-	1180.70
6/19/2008 A	-	-	-	-
6/20/2008 A	-	-	-	-
6/21/2008 A	-	-	-	-
6/22/2008 A	-	-	-	-
6/23/2008 A	-	-	-	-
6/24/2008	5128.1	-	-	-
6/25/2008	5134.3	6.2	-	1180.60
6/26/2008	5152.3	18.0	-	1180.45
6/27/2008	5170.6	18.3	9.8	1180.30
6/28/2008 A	-	-	-	1180.15
6/29/2008 A	-	-	-	-
6/30/2008 A	-	-	-	-
7/1/2008 A	-	-	-	-
7/2/2008	5170.6	-	-	-
7/3/2008	5182.3	11.7	-	1180.20
7/4/2008	5197.4	15.1	-	1180.00
7/5/2008	5210.6	13.2	-	1179.90
7/6/2008	5226.0	15.4	-	1179.70
7/7/2008	5240.3	14.3	-	1179.55
7/8/2008 A	-	-	9.7	1179.40
7/9/2008 A	-	-	-	-
7/10/2008 A	-	-	-	-
7/11/2008 A	-	-	-	-
7/12/2008 A	-	-	-	-
7/13/2008 A	-	-	-	-
7/14/2008 A	-	-	-	-
7/15/2008 A	-	-	-	-
7/16/2008 A	-	-	-	-
7/17/2008 A	-	-	-	-
7/18/2008 A	-	-	-	-
7/19/2008 A	-	-	-	-

A - release stopped

B - Intergrater repaired and reset

Date		Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
7/20/2008	A	-	-	-	-
7/21/2008	A	-	-	-	-
7/22/2008	A	-	-	-	-
7/23/2008	A	-	-	-	-
7/24/2008	A	-	-	-	-
7/25/2008	A	-	-	-	-
7/26/2008	A	-	-	-	-
7/27/2008	A	-	-	-	-
7/28/2008	A	-	-	-	-
7/29/2008	A	-	-	-	-
7/30/2008	A	-	-	-	-
7/31/2008		5244.2	-	-	-
8/1/2008		5256.7	12.5	-	1179.40
8/2/2008		5268.0	11.3	-	1179.25
8/3/2008		5280.2	12.2	-	1179.15
8/4/2008		5290.6	10.4	-	1179.00
8/5/2008		5299.6	9.0	-	1178.90
8/6/2008		5304.4	4.8	-	1178.70
8/7/2008		5316.40	12.0	-	1178.40
8/8/2008		5328.30	11.9	9.10	1178.50
8/9/2008		5340.30	12.0	-	1178.40
8/10/2008		5352.30	12.0	-	1178.25
8/11/2008		5364.30	12.0	-	1178.10
8/12/2008		5376.30	12.0	-	1178.00
8/13/2008		5388.40	12.1	-	1177.90
8/14/2008		5400.00	11.6	9.00	1177.75
8/15/2008	A	-	-	-	1177.70
8/16/2008	A	-	-	-	-
8/17/2008	A	-	-	-	-
8/18/2008	A	-	-	-	-
8/19/2008	A	-	-	-	-
8/20/2008	A	-	-	-	-
8/21/2008	A	-	-	-	-
8/22/2008	A	-	-	-	-
8/23/2008	A	-	-	-	-
8/24/2008	A	-	-	-	-
8/25/2008	A	-	-	-	-
8/26/2008	A	-	-	-	-
8/27/2008	A	-	-	-	-
8/28/2008	A	-	-	-	-
8/29/2008	A	-	-	-	-
8/30/2008	A	-	-	-	-
8/31/2008	A	-	-	-	-
9/1/2008	B	5349.00	**	-	-
9/2/2008		5361.00	12.0	-	1177.40

A - release stopped

B - Intergrater repaired and reset

Date	Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
9/3/2008	5373.30	12.3	-	1177.30
9/4/2008	5385.6	12.3	-	1177.15
9/5/2008	5398.0	12.4	-	1177.00
9/6/2008	A -	-	-	1176.90
9/7/2008	A -	-	-	-
9/8/2008	A -	-	-	-
9/9/2008	A -	-	-	-
9/10/2008	A -	-	-	-
9/11/2008	5398.0	-	-	-
9/12/2008	5406.3	8.3	-	1177.00
9/13/2008	5419.2	12.9	-	1177.00
9/14/2008	5431.6	12.4	-	1176.90
9/15/2008	5443.9	12.3	-	1176.75
9/16/2008	5455.9	12.0	-	1176.60
9/17/2008	5468.1	12.2	-	1176.45
9/18/2008	5480.3	12.2	8.9	1176.30
9/19/2008	5492.3	12.0	-	1176.10
9/20/2008	5504.2	11.9	-	1175.95
9/21/2008	5516.7	12.5	-	1175.80
9/22/2008	5528.8	12.1	-	1175.70
9/23/2008	5540.7	11.9	-	1175.55
9/24/2008	5552.9	12.2	-	1175.40
9/25/2008	5564.9	12.0	8.7	1175.20
9/26/2008	5576.5	11.6	-	1175.10
9/27/2008	5589.0	12.5	-	1175.00
9/28/2008	5601.1	12.1	-	1174.90
9/29/2008	5613.3	12.2	-	1175.00
9/30/2008	A -	-	-	1174.90
10/1/2008	A -	-	-	-
10/2/2008	5613.7	0.4	-	-
10/3/2008	5633.1	19.4	-	1174.90
10/4/2008	5653.5	20.4	-	1174.70
10/5/2008	5672.9	19.4	-	1174.50
10/6/2008	5692.3	19.4	-	1174.30
10/7/2008	5712.0	19.7	-	1174.00
10/8/2008	5732.2	20.2	8.9	1173.80
10/9/2008	5752.0	19.8	-	1173.60
10/10/2008	5763.8	11.8	-	1173.30
10/11/2008	5776.7	12.9	-	1173.10
10/12/2008	5788.5	11.8	-	1172.90
10/13/2008	5800.6	12.1	-	1172.80
10/14/2008	5813.0	12.4	-	1172.70
10/15/2008	5825.1	12.1	-	1172.50
10/16/2008	5837.1	12.0	8.8	1172.30
10/17/2008	5849.2	12.1	-	1172.10

A - release stopped

B - Intergrater repaired and reset

Date	Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
10/18/2008	5860.3	11.1	-	1172.00
10/19/2008	5873.6	13.3	-	1171.90
10/20/2008	5885.7	12.1	-	1171.70
10/21/2008	5897.7	12.0	-	1171.50
10/22/2008	5910.0	12.3	-	1171.30
10/23/2008	5922.2	12.2	7.2	1171.15
10/24/2008	5933.2	11.0	-	1171.00
10/25/2008	5945.6	12.4	-	1170.85
10/26/2008	5958.3	12.7	-	1170.98
10/27/2008 A	-	-	-	1170.90
10/28/2008 A	-	-	-	-
10/29/2008 A	-	-	-	-
10/30/2008 A	-	-	-	-
10/31/2008 A	-	-	-	-
11/1/2008 A	-	-	-	-
11/2/2008 A	-	-	-	-
11/3/2008 A	-	-	-	-
11/4/2008 A	-	-	-	-
11/5/2008 A	-	-	-	-
11/6/2008	5958.3	-	-	-
11/7/2008	5970.0	11.7	-	5958.30
11/8/2008	5982.0	12.0	-	5970.00
11/9/2008	5994.7	12.7	-	1171.15
11/10/2008	6006.9	12.2	-	1171.00
11/11/2008	6018.8	11.9	-	1170.80
11/12/2008	6030.9	12.1	-	1170.70
11/13/2008	6043.4	12.5	7.8	1170.60
11/14/2008	6053.8	10.4	-	1170.40
11/15/2008	6066.8	13.0	-	1170.02
11/16/2008 A	-	-	-	1170.20
11/17/2008 A	-	-	-	-
11/18/2008 A	-	-	-	-
11/19/2008 A	6073.7	-	-	-
11/20/2008	6083.9	10.2	-	1170.00
11/21/2008	6093.3	9.4	-	1170.00
11/22/2008	6103.9	10.6	-	1169.90
11/23/2008	6114.8	10.9	-	1169.78
11/24/2008	6125.0	10.2	-	1169.60
11/25/2008	6136.0	11.0	-	1169.55
11/26/2008 A	-	-	8.9	1169.45
11/27/2008 A	-	-	-	-
11/28/2008 A	-	-	-	-
11/29/2008 A	-	-	-	-
11/30/2008 A	-	-	-	-
12/1/2008 A	-	-	-	-

A - release stopped

B - Intergrater repaired and reset

---

<b>Date</b>		<b>Totalized Flow (Million Gallons)</b>	<b>Reservoir Release, Daily Flow (MG)</b>	<b>Weekly Dissolved Oxygen (mg/l)</b>	<b>Reservoir Surface Level (ft)</b>
12/2/2008	A	-	-	-	-
12/3/2008	A	-	-	-	-
12/4/2008	A	-	-	-	-
12/5/2008	A	-	-	-	-
12/6/2008	A	-	-	-	-
12/7/2008	A	-	-	-	-
12/8/2008	A	-	-	-	-

A - release stopped

B - Intergrater repaired and reset

**Provisional 2008 Data Subject To Change By USGS  
 Tabulation of Schuylkill River Daily Average Flows at four USGS gages  
 and Rainfall Accumulation at Landingville, PA**

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
4/12/2008	280	667	1420	1930	0.12	13.6	8.3
4/13/2008	248	590	1320	1840	0.00	14.7	8.4
4/14/2008	234	546	1210	1660	0.00	16.4	9.1
4/15/2008	224	508	1130	1570	0.00	16.8	10.3
4/16/2008	212	479	1060	1470	0.00	16.9	10.2
4/17/2008	207	454	1010	1410	0.00	17.3	9.9
4/18/2008	201	438	988	1370	0.00	17.2	9.4
4/19/2008	198	423	951	1340	0.00	16.4	8.7
4/20/2008	207	406	966	1320	0.14	13.3	7.9
4/21/2008	205	436	1070	1520	0.00	12.7	7.0
4/22/2008	189	395	1050	1500	0.00	14.0	7.5
4/23/2008	183	380	937	1310	0.00	15.7	7.8
4/24/2008	180	380	924	1270	0.00	15.7	7.6
4/25/2008	177	338	891	1250	0.00	13.6	7.3
4/26/2008	181	321	830	1170	0.26	10.1	6.5
4/27/2008	242	475	939	1280	0.13	9.4	6.4
4/28/2008	302	551	1240	1820	0.98	8.4	6.8
4/29/2008	300	780	1940	2850	0.00	7.8	7.0
4/30/2008	257	587	1560	2200	0.00	9.4	7.3
5/1/2008	250	545	1310	1780	0.01	10.8	8.2
5/2/2008	247	534	1220	1680	0.00	10.6	8.8
5/3/2008	241	516	1100	1500	0.01	9.5	8.0
5/4/2008	267	609	1140	1460	0.42	9.6	8.1
5/5/2008	233	527	1140	1510	0.00	9.6	8.2
5/6/2008	218	477	1060	1460	0.00	9.2	7.9
5/7/2008	214	458	943	1330	0.00	9.1	7.6
5/8/2008	210	450	906	1230	0.14	8.2	6.9
5/9/2008	252	503	1150	1750	0.57	7.5	7.0
5/10/2008	256	628	1360	1910	0.01	8.7	7.4
5/11/2008	234	514	1190	1650	0.00	9.4	8.3
5/12/2008	224	490	1060	1500	0.09	9.0	8.2
5/13/2008	211	464	960	1370	0.00	9.2	8.0
5/14/2008	203	434	880	1250	0.00	9.2	7.6
5/15/2008	202	422	837	1190	0.03	9.1	7.3
5/16/2008	287	604	1090	1640	1.09	8.4	7.3
5/17/2008	298	819	1660	2260	0.15	10.4	4.0
5/18/2008	316	798	1600	2270	0.34	10.0	9.5
5/19/2008	304	871	1800	2510	0.00	10.6	10.0
5/20/2008	311	806	1770	2410	0.43	11.1	9.4
5/21/2008	316	897	1940	2650	0.02	10.0	9.6
5/22/2008	304	804	1730	2300	0.06	10.0	9.3
5/23/2008	287	747	1550	2070	0.00	10.3	9.3
5/24/2008	277	685	1340	1770	0.00	10.1	9.1

\*\*\* = temporarily unavailable

-- = instrument malfunction.

--- = data collection discontinued by USGS October through March at Vincent Dam

**EXELON NUCLEAR**

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
	5/25/2008	261	635	1240		1640	0.00
5/26/2008	251	593	1150	1540	0.01	10.2	8.4
5/27/2008	214	563	1140	1470	0.04	9.7	7.6
5/28/2008	207	545	1180	1580	0.00	10.0	7.4
5/29/2008	190	482	1030	1440	0.00	10.6	7.7
5/30/2008	183	454	907	1260	0.00	10.6	7.8
5/31/2008	190	446	885	1250	0.51	9.2	7.4
6/1/2008	193	491	973	1320	0.00	9.8	7.1
6/2/2008	167	420	863	1240	0.00	10.2	7.0
6/3/2008	157	382	821	1100	0.28	9.9	7.0
6/4/2008	190	460	948	1310	0.34	8.1	5.9
6/5/2008	204	504	1560	2510	0.03	7.9	4.7
6/6/2008	161	426	1320	1920	0.00	8.1	6.6
6/7/2008	153	375	915	1220	0.00	8.5	6.8
6/8/2008	150	355	817	1100	0.00	7.8	5.9
6/9/2008	142	332	757	979	0.00	7.7	5.2
6/10/2008	131	305	742	939	0.00	8.2	4.6
6/11/2008	128	307	672	1050	0.00	8.8	6.4
6/12/2008	122	297	634	887	0.00	8.4	4.8
6/13/2008	120	284	587	822	0.00	8.9	5.3
6/14/2008	119	276	556	773	0.00	9.2	5.6
6/15/2008	123	286	556	826	0.00	8.8	5.6
6/16/2008	123	283	543	761	0.21	9.3	5.8
6/17/2008	120	290	550	737	0.00	9.4	6.1
6/18/2008	112	269	530	740	0.00	9.3	6.5
6/19/2008	113	246	508	715	0.00	10.2	7.0
6/20/2008	111	229	478	670	0.00	10.6	7.3
6/21/2008	112	221	467	637	0.00	10.8	7.2
6/22/2008	115	223	464	625	0.00	10.8	6.8
6/23/2008	112	195	461	623	0.20	10.9	6.5
6/24/2008	114	199	485	689	0.04	10.1	6.5
6/25/2008	106	182	464	637	0.00	10.3	6.4
6/26/2008	105	185	435	595	0.01	9.8	6.2
6/27/2008	105	199	450	588	0.14	10.3	6.2
6/28/2008	110	199	450	639	0.04	9.6	5.8
6/29/2008	111	200	457	615	0.02	9.7	5.3
6/30/2008	107	183	438	607	0.04	9.6	5.6
7/1/2008	101	164	421	571	0.00	10.2	5.7
7/2/2008	100	156	391	531	0.00	10.6	5.6
7/3/2008	99	149	364	473	0.24	11.1	5.7
7/4/2008	110	186	403	490	0.18	9.5	5.2
7/5/2008	104	229	468	612	0.07	9.8	5.4
7/6/2008	106	205	459	689	0.00	9.1	5.8
7/7/2008	86	-	439	702	0.00	8.8	5.8
7/8/2008	81	189	459	788	0.00	9.1	6.2
7/9/2008	79	168	477	684	0.01	8.4	5.5
7/10/2008	80	166	433	721	0.00	9.6	5.9
7/11/2008	77	149	401	577	0.00	9.9	6.1
7/12/2008	76	142	376	508	0.00	10.2	5.7

\*\*\* = temporarily unavailable

-- = instrument malfunction.

--- = data collection discontinued by USGS October through March at Vincent Dam

**EXELON NUCLEAR**

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
7/13/2008	81	139	367	480	0.29	10.6	5.7
7/14/2008	128	274	540	960	0.39	7.5	5.6
7/15/2008	84	188	537	830	0.00	9.1	5.3
7/16/2008	80	158	411	623	0.00	10.5	5.9
7/17/2008	78	149	385	537	0.00	10.8	5.7
7/18/2008	79	144	372	504	0.00	10.8	5.2
7/19/2008	75	144	359	474	0.00	11.2	5.1
7/20/2008	74	137	352	458	0.03	11.3	4.8
7/21/2008	87	155	333	509	0.00	11.0	4.7
7/22/2008	75	142	338	444	0.00	10.8	4.5
7/23/2008	129	165	365	684	0.95	9.3	4.7
7/24/2008	121	298	494	1270	0.11	8.0	5.7
7/25/2008	86	195	468	804	0.00	9.6	5.7
7/26/2008	81	158	380	600	0.00	10.4	5.7
7/27/2008	99	188	507	896	0.68	8.9	5.4
7/28/2008	82	169	426	914	0.00	9.5	5.7
7/29/2008	79	147	366	596	0.00	11.3	5.8
7/30/2008	80	142	396	523	0.00	12.0	5.4
7/31/2008	79	140	393	637	0.00	11.5	4.8
8/1/2008	76	135	379	554	0.00	12.5	5.0
8/2/2008	94	147	376	564	0.29	11.9	4.6
8/3/2008	84	206	408	587	0.00	12.9	5.2
8/4/2008	75	157	385	594	0.00	13.0	5.3
8/5/2008	76	146	354	535	0.01	13.8	5.4
8/6/2008	81	161	344	519	0.33	14.3	5.0
8/7/2008	72	155	339	491	0.00	14.2	4.9
8/8/2008	73	144	325	484	0.09	***	***
8/9/2008	70	144	329	454	0.00	***	***
8/10/2008	103	149	329	555	0.93	***	***
8/11/2008	133	294	470	771	0.39	***	***
8/12/2008	90	254	-	854	0.00	13.5	8.6
8/13/2008	83	177	-	716	0.00	14.0	6.1
8/14/2008	129	205	473	581	0.70	14.4	4.5
8/15/2008	120	287	576	959	0.00	10.1	3.8
8/16/2008	85	184	476	824	0.00	11.3	4.8
8/17/2008	78	142	386	646	0.00	11.8	4.2
8/18/2008	75	134	348	544	0.00	8.8	7.9
8/19/2008	71	127	324	483	0.00	8.5	8.0
8/20/2008	71	116	308	444	0.00	9.3	8.4
8/21/2008	71	114	291	411	0.00	9.5	8.3
8/22/2008	71	113	291	398	0.00	15.2	8.5
8/23/2008	72	115	298	401	0.00	15.9	4.9
8/24/2008	71	116	292	407	0.00	14.4	5.0
8/25/2008	70	116	287	404	0.00	12.7	4.2
8/26/2008	69	114	288	399	0.00	13.9	4.6
8/27/2008	67	110	280	389	0.00	13.8	5.7
8/28/2008	67	106	275	385	0.00	12.3	5.3
8/29/2008	69	110	288	384	0.16	9.3	4.6
8/30/2008	73	130	301	524	0.01	10.9	3.7

\*\*\* = temporarily unavailable

-- = instrument malfunction.

--- = data collection discontinued by USGS October through March at Vincent Dam

**EXELON NUCLEAR**

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
8/31/2008	70	118	298	459	0.00	13.8	4.8
9/1/2008	69	109	277	427	0.00	12.7	4.9
9/2/2008	69	108	278	390	0.00	13.4	6.2
9/3/2008	68	108	314	386	0.00	13.1	5.2
9/4/2008	65	119	398	505	0.00	13.2	5.3
9/5/2008	65	116	366	598	0.00	12.5	5.0
9/6/2008	153	192	787	1650	1.83	8.6	4.7
9/7/2008	107	426	1030	2750	0.00	6.1	5.5
9/8/2008	70	162	501	986	0.00	8.3	5.8
9/9/2008	146	221	508	1030	0.67	7.0	5.8
9/10/2008	89	289	627	948	0.00	9.7	7.6
9/11/2008	76	161	454	805	0.00	10.5	6.7
9/12/2008	90	162	453	674	0.64	8.5	6.6
9/13/2008	95	242	631	1240	0.00	8.8	6.5
9/14/2008	79	195	583	950	0.00	10.6	6.0
9/15/2008	67	164	493	769	0.00	11.2	5.9
9/16/2008	65	146	388	605	0.00	12.2	6.0
9/17/2008	65	139	372	519	0.00	12.9	6.5
9/18/2008	62	133	370	500	0.00	12.8	6.9
9/19/2008	65	131	370	476	0.00	13.5	7.0
9/20/2008	66	138	398	495	0.00	13.9	7.5
9/21/2008	66	143	395	511	0.00	14.3	7.4
9/22/2008	65	142	394	512	0.00	14.4	6.3
9/23/2008	65	133	367	487	0.00	14.3	6.3
9/24/2008	64	128	337	437	0.00	15.0	7.4
9/25/2008	64	127	333	393	0.01	14.2	7.8
9/26/2008	-	143	355	443	0.32	11.3	7.6
9/27/2008	-	162	372	484	0.29	10.5	7.1
9/28/2008	-	550	463	696	1.31	10.8	6.7
9/29/2008	206	880	1380	1390	0.00	10.1	6.7
9/30/2008	124	358	711	1080	0.26	11.8	7.2
10/1/2008	113	302	586	1070	0.01	11.0	9.0
10/2/2008	99	231	462	711	0.00	---	---
10/3/2008	100	206	416	565	0.00	---	---
10/4/2008	95	206	399	509	0.03	---	---
10/5/2008	97	219	408	500	0.09	---	---
10/6/2008	91	205	404	500	0.00	---	---
10/7/2008	90	191	391	472	0.00	---	---
10/8/2008	86	187	394	458	0.00	---	---
10/9/2008	80	185	389	454	0.00	---	---
10/10/2008	80	177	382	442	0.00	---	---
10/11/2008	80	168	374	425	0.00	---	---
10/12/2008	80	160	361	411	0.00	---	---
10/13/2008	80	157	356	398	0.00	---	---
10/14/2008	80	156	352	394	0.00	---	---
10/15/2008	79	152	354	387	0.00	---	---
10/16/2008	78	148	401	382	0.00	---	---
10/17/2008	78	147	461	494	0.00	---	---
10/18/2008	77	146	436	487	0.00	---	---

\*\*\* = temporarily unavailable

-- = instrument malfunction.

--- = data collection discontinued by USGS October through March at Vincent Dam

**EXELON NUCLEAR**

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
10/19/2008	75	140	432	480	0.00	---	---
10/20/2008	75	119	424	465	0.00	---	---
10/21/2008	69	115	441	456	0.00	---	---
10/22/2008	68		484	488	0.00	---	---
10/23/2008	70	116	492	527	0.00	---	---
10/24/2008	71	116	502	516	0.00	---	---
10/25/2008	306	276	628	597	2.43	---	---
10/26/2008	264	1170	1720	1760	0.00	---	---
10/27/2008	141	437	1140	1420	0.09	---	---
10/28/2008	309	661	1250	1770	0.78	---	---
10/29/2008	290	1050	2250	2560	0.05	---	---
10/30/2008	190	622	1650	2040	0.00	---	---
10/31/2008	152	445	1210	1510	0.00	---	---
11/1/2008	134	366	890	1030	0.00	---	---
11/2/2008	119	311	773	908	0.00	---	---
11/3/2008	124	275	672	796	0.00	---	---
11/4/2008	117	251	580	678	0.00	---	---
11/5/2008	112	235	555	640	0.02	---	---
11/6/2008	117	242	547	633	0.06	---	---
11/7/2008	108	234	533	603	0.01	---	---
11/8/2008	102	224	508	572	0.02	---	---
11/9/2008	97	216	483	546	0.00	---	---
11/10/2008	92	206	460	513	0.00	---	---
11/11/2008	96	200	451	485	0.00	---	---
11/12/2008	97	197	451	479	0.00	---	---
11/13/2008	115	207	482	484	0.29	---	---
11/14/2008	110	241	562	603	0.02	---	---
11/15/2008	144	241	620	906	0.83	---	---
11/16/2008	152	369	779	1160	0.10	---	---
11/17/2008	119	277	732	931	0.00	---	---
11/18/2008	103	235	621	740	0.00	---	---
11/19/2008	99	213	540	630	0.00	---	---
11/20/2008	104	213	509	565	0.03	---	---
11/21/2008	110	227	516	558	0.00	---	---
11/22/2008	101	223	507	543	0.00	---	---
11/23/2008	102	213	478	515	0.00	---	---
11/24/2008	102	211	467	490	0.04	---	---
11/25/2008	134	247	541	577	0.13	---	---
11/26/2008	118	246	609	657	0.00	---	---
11/27/2008	109	217	514	577	0.00	---	---
11/28/2008	103	205	479	513	0.00	---	---
11/29/2008	100	197	474	490	0.00	---	---
11/30/2008	127	211	523	550	0.62	---	---
12/1/2008	327	639	1150	1100	0.52	---	---
12/2/2008	245	629	1530	1700	0.00	---	---
12/3/2008	204	498	1290	1420	0.00	---	---
12/4/2008	195	459	1110	1160	0.03	---	---
12/5/2008	179	424	1030	1080	0.00	---	---
12/6/2008	164	375	880	923	0.00	---	---

\*\*\* = temporarily unavailable

-- = instrument malfunction.

--- = data collection discontinued by USGS October through March at Vincent Dam

**EXELON NUCLEAR**

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
12/7/2008	153	354	807	829	0.00	---	---
12/8/2008	139	316	712	750	0.00	---	---
12/9/2008	132	299	675	681	0.00	---	---
12/10/2008	332	535	828	771	0.81	---	---
12/11/2008	582	1130	2150	2440	2.22	---	---
12/12/2008	1830	6550	11300	13700	0.27	---	---
12/13/2008	852	3120	7010	9240	0.00	---	---
12/14/2008	603	1950	5300	6320	0.00	---	---
12/15/2008	503	1460	4110	4920	0.06	---	---

\*\*\* = temporarily unavailable

-- = instrument malfunction.

--- = data collection discontinued by USGS October through March at Vincent Dam

## SCHUYLKILL RIVER DO DATA 2008

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/15/2008	0:00:00	9.46	51.0	7.51	8.94	50.7	7.44	8.62	52.9	8.00	7.09	52.4	7.33	---	---	---
11/15/2008	1:00:00	9.30	51.0	7.49	8.68	50.8	7.41	8.68	53.2	7.99	6.82	52.4	7.40	---	---	---
11/15/2008	2:00:00	9.67	51.1	7.47	8.70	50.8	7.39	8.78	53.4	8.00	7.49	52.4	7.36	---	---	---
11/15/2008	3:00:00	9.63	51.1	7.44	8.50	50.9	7.37	8.79	53.4	8.00	8.02	52.4	7.42	---	---	---
11/15/2008	4:00:00	9.56	51.2	7.43	8.37	51.0	7.35	9.26	53.3	8.03	7.98	52.4	7.45	---	---	---
11/15/2008	5:00:00	9.53	51.3	7.42	8.47	51.2	7.33	9.33	53.3	8.05	8.02	52.7	7.44	---	---	---
11/15/2008	6:00:00	9.48	51.5	7.41	8.65	51.3	7.32	9.45	53.3	8.06	7.96	52.3	7.47	---	---	---
11/15/2008	7:00:00	9.44	51.7	7.39	8.36	51.5	7.30	9.59	53.6	8.07	7.96	52.3	7.45	---	---	---
11/15/2008	8:00:00	9.39	51.9	7.39	8.35	51.7	7.28	9.63	53.6	8.09	7.43	52.5	7.40	---	---	---
11/15/2008	9:00:00	9.51	52.1	7.39	8.26	52.1	7.26	9.63	53.6	8.10	8.05	52.6	7.46	---	---	---
11/15/2008	10:00:00	9.68	52.2	7.40	8.30	52.4	7.26	9.60	53.7	8.10	8.44	52.7	7.48	---	---	---
11/15/2008	11:00:00	9.67	52.7	7.39	7.93	52.9	7.24	9.47	53.7	8.09	8.26	53.1	7.48	---	---	---
11/15/2008	12:00:00	9.74	53.8	7.37	7.80	53.8	7.20	9.38	53.9	8.08	8.52	53.5	7.53	---	---	---
11/15/2008	13:00:00	9.72	54.8	7.35	8.33	54.5	7.22	9.23	54.2	8.06	8.67	54.2	7.55	---	---	---
11/15/2008	14:00:00	9.67	55.4	7.34	8.38	55.0	7.23	9.20	54.2	8.06	8.69	54.8	7.54	---	---	---
11/15/2008	15:00:00	9.75	55.9	7.33	8.66	55.4	7.26	9.08	54.3	8.03	8.70	55.2	7.55	---	---	---
11/15/2008	16:00:00	9.74	56.2	7.33	8.68	55.6	7.29	8.97	54.2	8.03	8.58	55.4	7.53	---	---	---
11/15/2008	17:00:00	9.86	56.2	7.32	8.46	55.6	7.31	8.88	54.2	8.01	9.64	55.7	7.48	---	---	---
11/15/2008	18:00:00	9.56	56.0	7.34	8.67	55.4	7.32	8.74	54.3	8.00	8.74	55.2	7.52	---	---	---
11/15/2008	19:00:00	9.45	55.9	7.34	8.35	55.2	7.28	8.62	54.6	7.97	8.52	55.1	7.50	---	---	---
11/15/2008	20:00:00	9.34	55.8	7.33	8.54	55.0	7.29	8.56	54.8	7.94	8.47	55.2	7.48	---	---	---
11/15/2008	21:00:00	9.38	55.8	7.33	8.32	54.9	7.28	8.65	55.2	7.93	8.32	55.3	7.47	---	---	---
11/15/2008	22:00:00	9.24	55.8	7.31	8.49	54.8	7.27	8.74	55.5	7.92	8.40	55.5	7.44	---	---	---
11/15/2008	23:00:00	9.44	55.8	7.30	8.24	54.8	7.26	8.66	55.8	7.90	8.45	55.7	7.46	---	---	---
11/16/2008	0:00:00	9.36	55.7	7.31	8.40	54.8	7.25	8.71	56.0	7.89	8.60	56.1	7.45	---	---	---
11/16/2008	1:00:00	9.31	55.5	7.31	8.00	54.7	7.25	8.62	56.4	7.88	8.60	56.0	7.43	---	---	---
11/16/2008	2:00:00	9.63	55.2	7.30	8.04	54.5	7.24	8.52	56.8	7.86	8.29	55.8	7.43	---	---	---
11/16/2008	3:00:00	9.41	54.7	7.31	7.91	54.1	7.24	8.42	56.8	7.85	9.21	55.7	7.39	---	---	---
11/16/2008	4:00:00	9.29	54.2	7.32	7.88	53.7	7.24	8.31	56.7	7.84	8.12	55.5	7.40	---	---	---
11/16/2008	5:00:00	9.40	53.8	7.31	7.96	53.3	7.23	8.29	56.5	7.84	7.96	55.3	7.38	---	---	---
11/16/2008	6:00:00	9.45	53.5	7.32	7.89	52.9	7.23	8.24	56.1	7.85	7.93	55.2	7.36	---	---	---
11/16/2008	7:00:00	9.58	53.1	7.32	7.91	52.7	7.23	8.26	55.8	7.85	7.90	55.1	7.35	---	---	---
11/16/2008	8:00:00	9.48	52.8	7.32	7.92	52.4	7.23	8.18	55.4	7.86	7.88	55.1	7.34	---	---	---
11/16/2008	9:00:00	9.49	52.5	7.33	8.04	52.4	7.24	8.19	55.1	7.87	9.00	55.1	7.29	---	---	---
11/16/2008	10:00:00	10.07	52.4	7.34	7.81	52.5	7.26	8.20	54.8	7.88	9.09	55.1	7.26	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norrstown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/16/2008	11:00:00	10.28	52.4	7.35	8.32	52.5	7.27	8.16	54.4	7.90	9.54	54.9	7.31	---	---	---
11/16/2008	12:00:00	10.48	52.8	7.37	8.36	52.6	7.29	8.14	54.2	7.88	9.38	54.9	7.14	---	---	---
11/16/2008	13:00:00	10.67	53.0	7.37	8.19	52.7	7.31	8.13	54.1	7.90	9.67	54.8	7.00	---	---	---
11/16/2008	14:00:00	10.84	52.7	7.39	8.31	52.5	7.31	8.13	53.9	7.91	9.29	54.5	7.11	---	---	---
11/16/2008	15:00:00	10.75	52.5	7.39	8.44	52.2	7.30	8.24	53.7	7.91	9.68	54.4	6.84	---	---	---
11/16/2008	16:00:00	10.94	52.4	7.40	8.45	52.0	7.31	8.24	53.6	7.91	9.57	54.2	7.23	---	---	---
11/16/2008	17:00:00	10.85	51.8	7.40	8.55	51.6	7.31	8.25	53.5	7.91	9.03	54.0	7.10	---	---	---
11/16/2008	18:00:00	10.71	51.5	7.39	8.36	51.3	7.29	8.35	53.5	7.92	9.35	53.8	7.09	---	---	---
11/16/2008	19:00:00	10.82	51.2	7.38	8.44	51.0	7.29	8.43	53.6	7.93	9.18	53.6	7.12	---	---	---
11/16/2008	20:00:00	10.45	50.9	7.37	8.48	50.8	7.29	8.51	53.6	7.93	9.30	53.4	7.14	---	---	---
11/16/2008	21:00:00	10.70	50.6	7.35	8.50	50.5	7.29	8.63	53.6	7.94	9.34	53.2	7.12	---	---	---
11/16/2008	22:00:00	10.74	50.3	7.35	8.49	50.2	7.29	8.67	53.5	7.95	9.18	53.1	7.13	---	---	---
11/16/2008	23:00:00	10.72	50.0	7.35	8.78	49.9	7.30	8.68	53.3	7.95	9.30	52.8	7.12	---	---	---
11/17/2008	0:00:00	10.46	49.7	7.36	8.97	49.5	7.30	8.73	53.2	7.96	9.22	52.6	7.12	---	---	---
11/17/2008	1:00:00	10.61	49.4	7.35	8.73	49.2	7.30	8.71	53.0	7.97	8.95	52.4	7.12	---	---	---
11/17/2008	2:00:00	10.64	49.1	7.35	8.84	48.9	7.30	8.64	52.9	7.96	9.13	52.2	7.13	---	---	---
11/17/2008	3:00:00	11.02	48.8	7.35	8.78	48.5	7.30	8.62	52.6	7.96	8.88	52.0	7.15	---	---	---
11/17/2008	4:00:00	10.71	48.5	7.35	9.02	48.2	7.30	8.59	52.4	7.96	8.94	51.8	7.13	---	---	---
11/17/2008	5:00:00	11.20	48.2	7.35	8.99	47.9	7.31	8.60	52.2	7.96	8.94	51.6	7.12	---	---	---
11/17/2008	6:00:00	11.16	47.8	7.35	9.26	47.5	7.31	8.60	52.1	7.87	8.86	51.4	7.13	---	---	---
11/17/2008	7:00:00	11.39	47.5	7.35	8.90	47.2	7.32	8.56	51.7	7.97	8.90	51.3	7.13	---	---	---
11/17/2008	8:00:00	11.45	47.2	7.42	9.56	47.0	7.34	8.64	51.1	7.98	8.75	51.2	7.10	---	---	---
11/17/2008	9:00:00	11.72	47.1	7.43	9.58	47.1	7.37	8.58	50.6	7.99	8.82	51.1	7.12	---	---	---
11/17/2008	10:00:00	12.00	47.1	7.44	10.28	47.4	7.42	8.64	50.3	8.00	8.73	51.0	6.96	---	---	---
11/17/2008	11:00:00	12.43	47.5	7.48	10.33	47.6	7.48	8.65	50.0	8.00	8.81	51.1	7.16	---	---	---
11/17/2008	12:00:00	13.03	48.2	7.53	10.42	47.8	7.53	8.69	49.8	8.00	8.84	51.0	7.19	---	---	---
11/17/2008	13:00:00	13.36	48.6	7.59	10.77	48.2	7.59	8.72	49.8	8.00	8.19	51.3	7.47	---	---	---
11/17/2008	14:00:00	13.52	48.7	7.63	11.13	48.3	7.64	8.64	49.6	7.92	8.76	51.7	7.00	---	---	---
11/17/2008	15:00:00	11.33	48.9	7.71	12.25	48.2	7.86	8.65	49.4	8.02	8.78	51.3	7.13	---	---	---
11/17/2008	16:00:00	12.38	48.6	7.76	12.21	48.0	7.89	8.66	49.4	8.02	8.72	51.3	7.14	---	---	---
11/17/2008	17:00:00	12.38	48.1	7.77	11.97	47.6	7.86	8.64	49.3	8.03	8.69	51.2	7.15	---	---	---
11/17/2008	18:00:00	12.18	47.8	7.75	11.71	47.3	7.82	8.69	49.2	8.03	8.77	50.9	7.18	---	---	---
11/17/2008	19:00:00	11.79	47.7	7.72	11.49	47.2	7.80	8.81	49.1	8.04	8.67	50.7	7.18	---	---	---
11/17/2008	20:00:00	11.58	47.5	7.70	11.64	47.1	7.77	8.95	49.0	8.05	8.66	50.5	7.18	---	---	---
11/17/2008	21:00:00	11.55	47.4	7.68	11.69	46.9	7.78	9.23	49.0	8.08	8.71	50.4	7.18	---	---	---
11/17/2008	22:00:00	11.48	47.1	7.66	11.36	46.8	7.72	9.39	48.9	8.10	8.64	50.3	7.17	---	---	---
11/17/2008	23:00:00	11.42	46.9	7.64	11.49	46.5	7.72	9.54	48.9	8.12	8.72	50.2	7.18	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norrstown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/18/2008	0:00:00	11.39	46.7	7.64	11.65	46.2	7.69	9.83	48.9	8.15	8.53	50.1	7.17	---	---	---
11/18/2008	1:00:00	11.21	46.4	7.62	11.49	46.0	7.69	10.03	48.9	8.19	8.63	49.9	7.13	---	---	---
11/18/2008	2:00:00	11.25	46.1	7.61	11.51	45.8	7.69	10.13	48.9	8.21	8.50	49.8	7.13	---	---	---
11/18/2008	3:00:00	11.17	45.8	7.60	11.29	45.5	7.67	10.11	48.7	8.23	8.64	49.6	7.12	---	---	---
11/18/2008	4:00:00	11.18	45.6	7.59	11.24	45.3	7.65	10.12	48.6	8.23	8.70	49.4	7.13	---	---	---
11/18/2008	5:00:00	11.23	45.3	7.59	11.60	45.0	7.65	10.21	48.6	8.25	8.80	49.3	7.14	---	---	---
11/18/2008	6:00:00	11.08	45.0	7.58	11.42	44.7	7.65	10.17	48.7	8.25	8.73	49.2	7.15	---	---	---
11/18/2008	7:00:00	11.03	44.7	7.58	11.02	44.5	7.64	10.12	48.7	8.25	8.97	49.0	7.17	---	---	---
11/18/2008	8:00:00	10.94	44.5	7.58	11.40	44.3	7.66	10.13	48.4	8.27	9.30	48.8	7.21	---	---	---
11/18/2008	9:00:00	11.04	44.2	7.58	11.71	44.5	7.70	10.11	48.0	8.28	9.57	48.7	7.24	---	---	---
11/18/2008	10:00:00	11.34	44.0	7.60	12.23	44.6	7.78	10.07	47.7	8.29	9.68	48.8	7.26	---	---	---
11/18/2008	11:00:00	11.53	44.2	7.65	12.24	44.2	7.85	9.99	47.4	8.28	10.00	48.7	7.23	---	---	---
11/18/2008	12:00:00	12.01	45.0	7.73	12.38	44.2	7.87	9.95	47.3	8.28	10.28	48.8	7.29	---	---	---
11/18/2008	13:00:00	12.32	45.5	7.81	12.99	44.6	7.97	9.92	47.2	8.28	10.31	48.7	7.48	---	---	---
11/18/2008	14:00:00	12.45	45.8	7.86	13.20	44.8	8.03	9.84	47.1	8.27	9.52	48.8	7.50	---	---	---
11/18/2008	15:00:00	12.67	45.7	7.93	13.29	44.6	8.07	9.84	46.9	8.27	9.76	48.3	7.55	---	---	---
11/18/2008	16:00:00	12.57	45.3	7.95	13.12	44.2	8.07	9.85	46.7	8.27				---	---	---
11/18/2008	17:00:00	12.40	44.7	7.95	12.71	43.8	8.06	9.77	46.6	8.25				---	---	---
11/18/2008	18:00:00	12.12	44.3	7.92	12.73	43.6	7.99	9.76	46.5	8.26				---	---	---
11/18/2008	19:00:00	11.87	44.0	7.87	12.23	43.3	7.94	9.83	46.3	8.27				---	---	---
11/18/2008	20:00:00	11.72	43.6	7.83	12.52	42.8	7.90	9.80	46.1	8.27				---	---	---
11/18/2008	21:00:00	11.39	43.3	7.79	12.56	42.6	7.88	9.85	46.0	8.28				---	---	---
11/18/2008	22:00:00	11.45	43.0	7.76	12.21	42.3	7.83	10.06	46.1	8.29				---	---	---
11/18/2008	23:00:00	11.43	42.7	7.74	12.07	42.1	7.82	10.25	46.2	8.31				---	---	---
11/19/2008	0:00:00	11.25	42.4	7.72	11.95	41.8	7.79	10.35	46.3	8.33				---	---	---
11/19/2008	1:00:00	11.27	42.1	7.70	12.12	41.7	7.77	10.59	46.5	8.37				---	---	---
11/19/2008	2:00:00	11.02	41.9	7.69	11.87	41.4	7.76	10.69	46.4	8.40				---	---	---
11/19/2008	3:00:00	11.12	41.6	7.67	11.84	41.2	7.74	11.06	46.1	8.45				---	---	---
11/19/2008	4:00:00	11.12	41.4	7.66	12.19	40.9	7.72	10.98	46.0	8.47				---	---	---
11/19/2008	5:00:00	11.10	41.1	7.64	11.92	40.7	7.72	10.99	45.9	8.48				---	---	---
11/19/2008	6:00:00	10.86	40.8	7.63	11.89	40.4	7.70	11.04	45.7	8.50				---	---	---
11/19/2008	7:00:00	11.08	40.5	7.63	11.83	40.1	7.69	11.07	45.7	8.50				---	---	---
11/19/2008	8:00:00	10.98	40.3	7.62	11.84	40.0	7.70	10.99	45.4	8.51				---	---	---
11/19/2008	9:00:00	11.12	40.1	7.63	12.32	40.1	7.75	10.90	45.2	8.51				---	---	---
11/19/2008	10:00:00	11.46	40.1	7.66	12.44	40.2	7.82	10.93	44.8	8.51				---	---	---
11/19/2008	11:00:00	11.87	40.6	7.71	12.74	40.3	7.88	10.89	44.4	8.50				---	---	---
11/19/2008	12:00:00	12.31	41.4	7.79	13.06	40.7	7.95	10.83	44.2	8.50				---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/19/2008	13:00:00	12.45	42.3	7.88	13.33	41.5	8.02	10.76	44.2	8.48				---	---	---
11/19/2008	14:00:00	12.63	43.0	7.95	13.65	41.6	8.09	10.77	44.1	8.48				---	---	---
11/19/2008	15:00:00	12.77	43.3	8.02	13.68	41.6	8.14	10.68	44.0	8.46				---	---	---
11/19/2008	16:00:00	12.90	43.0	8.08	13.66	41.2	8.17	10.65	43.8	8.46				---	---	---
11/19/2008	17:00:00	12.66	42.4	8.08	13.53	40.9	8.15	10.66	43.8	8.45				---	---	---
11/19/2008	18:00:00	12.34	41.9	8.05	13.08	40.7	8.10	10.58	43.7	8.43				---	---	---
11/19/2008	19:00:00	12.07	41.6	7.99	13.05	40.6	8.04	10.54	43.6	8.42				---	---	---
11/19/2008	20:00:00	11.75	41.4	7.94	12.73	40.4	7.99	10.57	43.5	8.42				---	---	---
11/19/2008	21:00:00	11.60	41.2	7.89	12.76	40.3	7.95	10.50	43.4	8.41				---	---	---
11/19/2008	22:00:00	11.24	41.2	7.86	12.64	40.2	7.92	10.58	43.4	8.41				---	---	---
11/19/2008	23:00:00	11.13	41.2	7.83	12.37	40.2	7.89	10.61	43.4	8.41				---	---	---
11/20/2008	0:00:00	11.03	41.1	7.81	12.44	40.3	7.86	10.68	43.5	8.41				---	---	---
11/20/2008	1:00:00	10.91	41.0	7.79	12.18	40.3	7.84	10.79	44.1	8.41				---	---	---
11/20/2008	2:00:00	10.87	40.9	7.77	11.96	40.2	7.83	10.79	44.8	8.42				---	---	---
11/20/2008	3:00:00	10.68	40.8	7.76	11.86	40.1	7.82	10.91	45.3	8.44				---	---	---
11/20/2008	4:00:00	10.58	40.7	7.74	11.79	40.0	7.81	11.04	45.7	8.45				---	---	---
11/20/2008	5:00:00	10.40	40.6	7.73	11.81	39.9	7.79	11.06	45.9	8.47				---	---	---
11/20/2008	6:00:00	10.40	40.5	7.71	11.76	39.9	7.76	11.16	46.0	8.49				---	---	---
11/20/2008	7:00:00	10.33	40.4	7.70	11.45	39.8	7.75	11.07	46.5	8.49				---	---	---
11/20/2008	8:00:00	10.13	40.4	7.69	11.59	39.8	7.76	11.07	46.7	8.50				---	---	---
11/20/2008	9:00:00	10.27	40.4	7.69	11.84	40.0	7.80	11.03	46.8	8.50				---	---	---
11/20/2008	10:00:00	10.65	40.6	7.73	12.07	40.3	7.86	10.97	46.9	8.51				---	---	---
11/20/2008	11:00:00	11.14	40.9	7.79	12.78	40.6	7.93	10.89	46.6	8.50				---	---	---
11/20/2008	12:00:00	11.44	41.1	7.86	12.96	40.7	8.00	10.84	46.1	8.51				---	---	---
11/20/2008	13:00:00	11.73	41.3	7.93	13.19	40.9	8.05	10.98	45.1	8.53				---	---	---
11/20/2008	14:00:00	11.92	41.3	7.98	13.11	41.0	8.10	10.94	44.1	8.54				---	---	---
11/20/2008	15:00:00	11.76	41.3	8.01	12.93	41.0	8.13	10.93	43.5	8.55				---	---	---
11/20/2008	16:00:00	11.64	41.3	8.01	12.92	41.0	8.13	10.91	43.1	8.54				---	---	---
11/20/2008	17:00:00	11.43	41.3	8.00	12.45	40.9	8.10	10.83	42.7	8.53				---	---	---
11/20/2008	18:00:00	11.28	41.2	7.97	11.98	40.8	8.05	10.76	42.5	8.52				---	---	---
11/20/2008	19:00:00	10.85	41.1	7.91	12.42	40.7	7.99	10.61	42.4	8.51				---	---	---
11/20/2008	20:00:00	10.72	40.9	7.87	11.84	40.5	7.93	10.52	42.4	8.50				---	---	---
11/20/2008	21:00:00	10.56	40.7	7.83	11.87	40.3	7.89	10.44	42.5	8.48				---	---	---
11/20/2008	22:00:00	10.57	40.6	7.80	11.53	40.3	7.87	10.38	42.6	8.48				---	---	---
11/20/2008	23:00:00	10.46	40.7	7.78	11.67	40.2	7.84	10.24	43.1	8.45				---	---	---
11/21/2008	0:00:00	10.40	40.7	7.76	11.60	40.2	7.82	10.23	43.3	8.45				---	---	---
11/21/2008	1:00:00	10.31	40.7	7.74	11.40	40.2	7.82	10.22	43.4	8.44				---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norrstown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/21/2008	2:00:00	10.13	40.7	7.73	11.14	40.2	7.80	10.30	43.6	8.44				---	---	---
11/21/2008	3:00:00	9.95	40.7	7.72	11.11	40.2	7.79	10.41	43.9	8.44				---	---	---
11/21/2008	4:00:00	9.92	40.7	7.71	10.92	40.2	7.77	10.51	44.3	8.46				---	---	---
11/21/2008	5:00:00	10.60	40.7	7.70	10.58	40.2	7.76	10.64	44.4	8.48				---	---	---
11/21/2008	6:00:00	10.48	40.7	7.69	10.61	40.2	7.75	10.68	44.5	8.49				---	---	---
11/21/2008	7:00:00	10.37	40.6	7.68	10.58	40.1	7.73	10.70	44.6	8.51				---	---	---
11/21/2008	8:00:00	10.17	40.5	7.67	10.43	40.1	7.72	10.80	44.5	8.52				---	---	---
11/21/2008	9:00:00	10.33	40.5	7.67	11.10	40.2	7.76	10.77	44.5	8.53				---	---	---
11/21/2008	10:00:00	10.65	40.6	7.70	11.33	40.4	7.81	10.79	44.5	8.54				---	---	---
11/21/2008	11:00:00	11.21	40.8	7.75	11.73	40.7	7.90	10.69	44.4	8.53				---	---	---
11/21/2008	12:00:00	11.50	40.9	7.82	12.22	40.8	7.98	10.69	44.4	8.53				---	---	---
11/21/2008	13:00:00	11.96	41.2	7.91	12.40	40.9	8.05	10.65	44.2	8.54				---	---	---
11/21/2008	14:00:00	12.41	41.7	8.00	12.61	41.0	8.13	10.59	43.8	8.54				---	---	---
11/21/2008	15:00:00	12.75	42.1	8.08	12.91	41.3	8.22	10.49	43.4	8.54				---	---	---
11/21/2008	16:00:00	12.89	42.1	8.15	12.96	41.3	8.26	10.40	43.2	8.54				---	---	---
11/21/2008	17:00:00	12.60	41.8	8.17	12.64	41.1	8.26	10.33	43.0	8.52				---	---	---
11/21/2008	18:00:00	12.11	41.4	8.14	12.28	40.8	8.20	10.27	42.8	8.52				---	---	---
11/21/2008	19:00:00	11.72	41.0	8.08	11.78	40.5	8.14	10.32	42.7	8.52				---	---	---
11/21/2008	20:00:00	11.37	40.7	8.03	11.68	40.3	8.08	10.29	42.6	8.50				---	---	---
11/21/2008	21:00:00	11.21	40.4	7.97	11.62	39.9	8.05	10.20	42.5	8.49				---	---	---
11/21/2008	22:00:00	11.09	40.0	7.92	11.37	39.6	7.99	10.13	42.5	8.48				---	---	---
11/21/2008	23:00:00	10.94	39.7	7.89	11.22	39.2	7.95	10.00	42.8	8.46				---	---	---
11/22/2008	0:00:00	10.74	39.5	7.86	11.21	39.0	7.92	10.02	42.9	8.45				---	---	---
11/22/2008	1:00:00	10.62	39.3	7.85	11.00	38.8	7.89	10.04	43.1	8.45				---	---	---
11/22/2008	2:00:00	10.55	39.1	7.83	11.09	38.6	7.88	10.18	43.2	8.46				---	---	---
11/22/2008	3:00:00	10.39	38.8	7.80	11.15	38.4	7.87	10.15	43.1	8.47				---	---	---
11/22/2008	4:00:00	10.45	38.5	7.79	10.62	38.1	7.86	10.23	43.2	8.48				---	---	---
11/22/2008	5:00:00	10.52	38.2	7.78	10.58	37.8	7.85	10.41	43.2	8.49				---	---	---
11/22/2008	6:00:00	10.51	37.9	7.77	10.72	37.6	7.82	10.66	43.6	8.53				---	---	---
11/22/2008	7:00:00	10.41	37.7	7.76	10.98	37.4	7.81	10.72	43.4	8.55				---	---	---
11/22/2008	8:00:00	10.28	37.5	7.75	10.62	37.2	7.81	10.70	43.4	8.57				---	---	---
11/22/2008	9:00:00	10.38	37.3	7.75	11.23	37.2	7.86	10.83	43.4	8.60				---	---	---
11/22/2008	10:00:00	10.77	37.2	7.77	11.85	37.5	7.95	10.76	43.2	8.62				---	---	---
11/22/2008	11:00:00	11.22	37.6	7.82	11.99	37.9	8.01	10.71	42.9	8.63				---	---	---
11/22/2008	12:00:00	11.77	38.5	7.90	11.93	38.3	8.07	10.61	42.8	8.63				---	---	---
11/22/2008	13:00:00	11.99	39.4	8.00	12.28	38.7	8.13	10.53	42.7	8.64				---	---	---
11/22/2008	14:00:00	12.39	40.1	8.09	12.66	38.9	8.21	10.38	42.7	8.63				---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

## Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/22/2008	15:00:00	12.49	40.5	8.18	12.80	39.1	8.28	10.03	42.8	8.62				---	---	---
11/22/2008	16:00:00	13.01	40.3	8.24	13.09	38.9	8.32	9.83	42.5	8.61				---	---	---
11/22/2008	17:00:00	12.68	39.7	8.28	12.58	38.4	8.32	9.54	42.5	8.60				---	---	---
11/22/2008	18:00:00	12.43	39.2	8.27	12.23	38.1	8.27	9.16	42.3	8.60				---	---	---
11/22/2008	19:00:00	11.93	38.8	8.20	11.92	37.9	8.23	9.04	42.1	8.60				---	---	---
11/22/2008	20:00:00	11.67	38.5	8.14	11.91	37.7	8.17	9.11	41.8	8.59				---	---	---
11/22/2008	21:00:00	11.46	38.3	8.08	11.31	37.5	8.12	9.10	41.5	8.58				---	---	---
11/22/2008	22:00:00	11.40	38.1	8.04	10.75	37.4	8.07	9.08	41.3	8.57				---	---	---
11/22/2008	23:00:00	11.17	38.0	8.00	10.83	37.2	8.04	9.18	41.2	8.57				---	---	---
11/23/2008	0:00:00	11.08	37.9	7.96	10.96	37.1	8.00	9.13	41.1	8.56				---	---	---
11/23/2008	1:00:00	10.92	37.7	7.93	10.88	37.1	7.98	9.20	41.2	8.55				---	---	---
11/23/2008	2:00:00	10.78	37.6	7.91	10.60	36.9	7.95	9.08	41.2	8.55				---	---	---
11/23/2008	3:00:00	10.69	37.3	7.89	10.74	36.7	7.93	9.06	41.3	8.55				---	---	---
11/23/2008	4:00:00	10.69	37.1	7.88	10.67	36.4	7.91	9.13	41.1	8.56				---	---	---
11/23/2008	5:00:00	10.75	36.9	7.87	10.30	36.2	7.90	9.21	40.9	8.57				---	---	---
11/23/2008	6:00:00	10.49	36.7	7.85	10.18	36.0	7.88	9.48	41.0	8.59				---	---	---
11/23/2008	7:00:00	10.24	36.5	7.83	10.58	35.8	7.86	9.66	40.7	8.60				---	---	---
11/23/2008	8:00:00	10.39	36.3	7.81	10.72	35.7	7.86	10.06	40.6	8.64				---	---	---
11/23/2008	9:00:00	10.55	36.3	7.81	10.96	35.9	7.91	10.25	40.7	8.67				---	---	---
11/23/2008	10:00:00	11.01	36.4	7.83	11.30	36.3	7.97	10.27	40.6	8.70				---	---	---
11/23/2008	11:00:00	11.37	36.9	7.89	11.99	36.9	8.05	10.34	40.4	8.72				---	---	---
11/23/2008	12:00:00	11.98	37.9	7.97	12.11	37.6	8.13	10.37	40.3	8.72				---	---	---
11/23/2008	13:00:00	12.33	39.0	8.07	12.22	38.2	8.21	10.38	40.3	8.72				---	---	---
11/23/2008	14:00:00	12.58	39.8	8.17	12.50	38.5	8.29	10.49	40.2	8.73				---	---	---
11/23/2008	15:00:00	12.79	40.2	8.26	12.36	38.5	8.34	10.54	40.0	8.72				---	---	---
11/23/2008	16:00:00	12.84	40.2	8.35	12.33	38.3	8.38	10.61	39.8	8.73				---	---	---
11/23/2008	17:00:00	12.86	39.6	8.39	12.00	37.9	8.37	10.51	39.6	8.72				---	---	---
11/23/2008	18:00:00	12.51	39.1	8.34	11.78	37.7	8.33	10.51	39.5	8.72				---	---	---
11/23/2008	19:00:00	11.91	38.7	8.26	11.37	37.5	8.27	10.44	39.4	8.71				---	---	---
11/23/2008	20:00:00	11.50	38.3	8.18	11.20	37.2	8.22	10.52	39.2	8.71				---	---	---
11/23/2008	21:00:00	11.27	38.0	8.12	10.87	36.9	8.16	10.43	39.1	8.69				---	---	---
11/23/2008	22:00:00	11.08	37.8	8.06	10.58	36.7	8.12	10.44	39.0	8.69				---	---	---
11/23/2008	23:00:00	10.87	37.6	8.02	10.99	36.5	8.08	10.36	38.9	8.66				---	---	---
11/24/2008	0:00:00	10.84	37.4	7.98	10.73	36.4	8.04	10.29	38.8	8.63				---	---	---
11/24/2008	1:00:00	10.65	37.3	7.95	10.63	36.3	8.01	10.23	38.8	8.63				---	---	---
11/24/2008	2:00:00	10.25	37.0	7.92	10.37	36.1	7.98	10.28	38.7	8.62				---	---	---
11/24/2008	3:00:00	10.42	36.8	7.89	10.45	36.0	7.96	10.36	38.8	8.62				---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/24/2008	4:00:00	10.18	36.6	7.88	10.48	35.8	7.94	10.32	38.7	8.61				---	---	---
11/24/2008	5:00:00	10.15	36.4	7.86	10.22	35.6	7.92	10.45	38.8	8.62				---	---	---
11/24/2008	6:00:00	10.10	36.1	7.84	10.29	35.4	7.90	10.64	39.0	8.64				---	---	---
11/24/2008	7:00:00	10.11	35.9	7.82	10.21	35.2	7.89	10.68	38.7	8.66				---	---	---
11/24/2008	8:00:00	9.91	35.8	7.80	10.19	35.2	7.89	10.80	38.8	8.67				---	---	---
11/24/2008	9:00:00	9.95	35.8	7.79	10.57	35.4	7.93	10.96	38.9	8.69				---	---	---
11/24/2008	10:00:00	10.34	36.0	7.81	11.21	35.7	8.00	11.14	39.0	8.71				---	---	---
11/24/2008	11:00:00	10.82	36.4	7.85	11.43	36.2	8.07	11.20	39.0	8.74				---	---	---
11/24/2008	12:00:00	11.34	37.0	7.90	11.68	36.7	8.14	11.16	39.0	8.75				---	---	---
11/24/2008	13:00:00	9.14	37.8	7.98	11.83	37.3	8.24	11.17	39.1	8.76				---	---	---
11/24/2008	14:00:00	11.99	38.5	8.06	12.20	37.8	8.33	11.12	39.1	8.76	11.66	39.8	7.73	---	---	---
11/24/2008	15:00:00	12.23	38.9	8.14	12.16	38.1	8.39	12.01	39.0	8.74	11.84	39.9	7.74	---	---	---
11/24/2008	16:00:00	12.60	39.0	8.23	13.22	38.2	8.34	12.00	39.0	8.76	11.44	40.0	7.77	---	---	---
11/24/2008	17:00:00	12.41	38.9	8.27	13.00	38.1	8.32	11.84	38.9	8.75	11.70	40.1	7.75	---	---	---
11/24/2008	18:00:00	11.85	38.8	8.26	12.67	38.1	8.27	11.84	38.9	8.75	11.58	40.2	7.78	---	---	---
11/24/2008	19:00:00	11.47	38.8	8.21	12.38	38.1	8.22	11.79	38.8	8.76	11.62	40.2	7.81	---	---	---
11/24/2008	20:00:00	11.15	38.8	8.16	11.90	38.2	8.15	11.70	38.8	8.75	11.67	40.4	7.75	---	---	---
11/24/2008	21:00:00	10.77	38.8	8.10	11.68	38.2	8.10	11.58	38.7	8.74	11.40	40.5	7.79	---	---	---
11/24/2008	22:00:00	10.64	38.8	8.04	11.20	38.3	8.04	11.49	38.7	8.72	11.56	40.5	7.78	---	---	---
11/24/2008	23:00:00	10.42	38.9	7.99	10.87	38.4	7.99	11.44	38.8	8.70	11.57	40.6	7.79	---	---	---
11/25/2008	0:00:00	10.25	38.9	7.94	10.61	38.4	7.95	11.36	39.1	8.68	11.61	40.6	7.79	---	---	---
11/25/2008	1:00:00	10.09	39.0	7.91	10.69	38.5	7.92	11.40	39.2	8.67	11.52	40.6	7.78	---	---	---
11/25/2008	2:00:00	9.93	39.1	7.88	10.73	38.6	7.88	11.38	39.3	8.66	11.48	40.6	7.79	---	---	---
11/25/2008	3:00:00	9.78	39.2	7.85	10.64	38.7	7.85	11.52	39.6	8.66	11.31	40.6	7.77	---	---	---
11/25/2008	4:00:00	9.59	39.3	7.83	10.43	38.8	7.82	11.57	39.7	8.66	11.04	40.5	7.74	---	---	---
11/25/2008	5:00:00	9.46	39.5	7.80	10.47	38.9	7.80	11.61	40.0	8.66	11.39	40.5	7.75	---	---	---
11/25/2008	6:00:00	9.45	39.6	7.78	10.39	39.0	7.78	11.82	40.3	8.68	11.31	40.5	7.74	---	---	---
11/25/2008	7:00:00	10.23	39.7	7.75	10.10	39.1	7.76	11.83	40.5	8.70	11.15	40.4	7.72	---	---	---
11/25/2008	8:00:00	10.56	39.8	7.72	9.95	39.2	7.77	11.95	40.7	8.72	10.99	40.3	7.72	---	---	---
11/25/2008	9:00:00	11.12	40.0	7.70	10.34	39.4	7.78	12.04	40.9	8.75	11.32	40.1	7.71	---	---	---
11/25/2008	10:00:00	12.10	40.2	7.71	10.16	39.6	7.83	11.97	41.0	8.76	11.33	40.0	7.71	---	---	---
11/25/2008	11:00:00	12.14	40.5	7.73	10.71	40.1	7.90	11.95	41.0	8.77	11.16	40.3	7.68	---	---	---
11/25/2008	12:00:00	13.55	40.8	7.78	11.07	40.4	7.97	11.95	41.0	8.77	11.41	40.4	7.59	---	---	---
11/25/2008	13:00:00	14.20	41.4	7.84	11.29	40.8	8.06	11.90	41.1	8.77	11.43	40.6	7.66	---	---	---
11/25/2008	14:00:00	15.13	42.1	7.92	11.76	40.9	8.13	11.76	41.2	8.76	11.82	40.5	7.67	---	---	---
11/25/2008	15:00:00	15.71	42.4	8.00	11.90	41.1	8.19	11.64	41.3	8.75	12.38	40.6	7.81	---	---	---
11/25/2008	16:00:00	15.60	42.4	8.08	11.74	41.1	8.22	11.59	41.3	8.75	12.19	40.7	7.79	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/25/2008	17:00:00	15.64	42.0	8.10	11.42	41.0	8.21	11.41	41.4	8.73	11.16	40.7	7.72	---	---	---
11/25/2008	18:00:00	14.87	41.7	8.10	10.92	40.7	8.17	11.41	41.4	8.72	11.23	40.7	7.72	---	---	---
11/25/2008	19:00:00	14.05	41.4	8.04	10.48	40.6	8.11	11.18	41.5	8.69	11.27	40.6	7.74	---	---	---
11/25/2008	20:00:00	13.69	41.2	7.99	10.12	40.4	8.04	11.07	41.5	8.68	11.12	40.6	7.73	---	---	---
11/25/2008	21:00:00	13.20	41.0	7.93	10.01	40.2	7.99	10.87	41.6	8.65	11.30	40.6	7.76	---	---	---
11/25/2008	22:00:00	12.96	40.9	7.89	9.74	40.1	7.93	10.64	41.9	8.61	11.31	40.7	7.77	---	---	---
11/25/2008	23:00:00	12.96	40.7	7.85	9.75	40.0	7.90	10.50	42.4	8.57	11.26	40.7	7.78	---	---	---
11/26/2008	0:00:00	12.60	40.5	7.82	9.03	39.9	7.84	10.48	42.7	8.55	11.27	40.7	7.77	---	---	---
11/26/2008	1:00:00	12.48	40.4	7.79	9.28	39.8	7.82	10.56	42.9	8.54	11.33	40.7	7.74	---	---	---
11/26/2008	2:00:00	12.61	40.4	7.78	8.96	39.9	7.80	10.67	43.0	8.55	11.24	40.7	7.74	---	---	---
11/26/2008	3:00:00	12.28	40.4	7.76	9.30	39.9	7.78	10.88	43.0	8.57	11.00	40.8	7.69	---	---	---
11/26/2008	4:00:00	12.10	40.4	7.75	8.87	39.9	7.77	10.95	43.1	8.59	11.16	40.7	7.68	---	---	---
11/26/2008	5:00:00	12.27	40.4	7.73	8.98	39.9	7.75	11.10	43.1	8.63	10.90	40.5	7.69	---	---	---
11/26/2008	6:00:00	12.00	40.4	7.71	8.61	39.8	7.73	11.20	43.3	8.65	10.78	40.5	7.68	---	---	---
11/26/2008	7:00:00	11.92	40.3	7.69	8.75	39.9	7.72	11.19	43.4	8.67	10.84	40.5	7.68	---	---	---
11/26/2008	8:00:00	11.92	40.3	7.68	8.97	39.9	7.74	11.09	43.6	8.67	10.88	40.5	7.68	---	---	---
11/26/2008	9:00:00	11.83	40.3	7.68	9.33	40.0	7.75	11.03	43.4	8.68	11.45	40.6	7.76	---	---	---
11/26/2008	10:00:00	12.41	40.4	7.70	9.74	40.4	7.84	11.05	43.3	8.69	12.18	41.0	7.81	---	---	---
11/26/2008	11:00:00	13.25	40.9	7.74	10.25	41.0	7.94	10.96	43.0	8.69	12.63	41.4	7.84	---	---	---
11/26/2008	12:00:00	13.52	41.4	7.82	10.43	41.6	8.06	10.91	42.5	8.68	12.89	41.7	7.91	---	---	---
11/26/2008	13:00:00	14.20	41.7	7.91	10.66	41.8	8.14	10.81	42.3	8.67	12.80	41.9	7.93	---	---	---
11/26/2008	14:00:00	14.39	42.0	7.98	10.63	41.7	8.20	10.82	42.1	8.68	12.54	41.9	7.84	---	---	---
11/26/2008	15:00:00	14.37	42.0	8.04	10.81	41.7	8.22	10.74	42.1	8.67	12.37	41.8	7.84	---	---	---
11/26/2008	16:00:00	14.19	41.9	8.07	10.62	41.5	8.21	10.59	42.0	8.65	12.52	41.8	7.94	---	---	---
11/26/2008	17:00:00	13.80	41.8	8.06	10.48	41.3	8.17	10.57	41.9	8.64	11.57	41.9	7.76	---	---	---
11/26/2008	18:00:00	13.26	41.6	8.02	9.91	41.1	8.10	10.47	42.0	8.62	11.00	41.8	7.81	---	---	---
11/26/2008	19:00:00	13.01	41.4	7.96	9.74	41.0	8.02	10.26	42.2	8.59	11.12	41.8	7.75	---	---	---
11/26/2008	20:00:00	12.59	41.3	7.92	9.53	40.8	7.96	10.14	42.4	8.56	10.76	41.6	7.75	---	---	---
11/26/2008	21:00:00	12.47	41.2	7.88	9.25	40.7	7.91	10.08	42.6	8.53	10.69	41.4	7.72	---	---	---
11/26/2008	22:00:00	12.32	41.1	7.84	9.32	40.6	7.86	10.06	42.8	8.52	10.61	41.2	7.72	---	---	---
11/26/2008	23:00:00	12.13	40.9	7.81	8.73	40.5	7.84	10.15	43.0	8.52	10.48	41.1	7.72	---	---	---
11/27/2008	0:00:00	11.90	40.8	7.77	8.89	40.4	7.81	10.26	43.2	8.52	10.67	40.9	7.70	---	---	---
11/27/2008	1:00:00	11.87	40.7	7.75	9.26	40.2	7.77	10.48	43.4	8.55	10.58	40.8	7.70	---	---	---
11/27/2008	2:00:00	12.01	40.5	7.73	8.98	40.1	7.75	10.72	43.8	8.57	10.57	40.8	7.67	---	---	---
11/27/2008	3:00:00	11.70	40.5	7.71	8.96	40.1	7.73	10.81	44.0	8.61	10.51	40.8	7.66	---	---	---
11/27/2008	4:00:00	11.67	40.4	7.69	8.83	39.9	7.70	10.86	44.2	8.64	10.47	40.8	7.65	---	---	---
11/27/2008	5:00:00	11.52	40.3	7.67	8.60	39.8	7.69	10.88	44.3	8.66	10.42	40.8	7.66	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/27/2008	6:00:00	11.53	40.2	7.66	8.84	39.8	7.67	10.93	44.3	8.68	10.46	40.7	7.65	---	---	---
11/27/2008	7:00:00	11.49	40.2	7.65	8.57	39.7	7.66	10.84	44.2	8.68	10.55	40.8	7.64	---	---	---
11/27/2008	8:00:00	11.41	40.1	7.63	8.66	39.7	7.64	10.79	44.2	8.67	10.53	40.9	7.77	---	---	---
11/27/2008	9:00:00	11.43	40.2	7.64	9.12	39.9	7.69	10.74	44.2	8.67	10.24	41.1	7.77	---	---	---
11/27/2008	10:00:00	11.94	40.4	7.66	9.56	40.1	7.77	10.71	44.0	8.67	10.46	41.2	7.78	---	---	---
11/27/2008	11:00:00	12.56	40.7	7.73	10.41	40.6	7.91	10.65	43.6	8.67	11.50	41.8	7.72	---	---	---
11/27/2008	12:00:00	13.39	41.1	7.81	10.78	41.3	8.06	10.61	43.1	8.67	11.87	42.0	7.72	---	---	---
11/27/2008	13:00:00	13.66	41.6	7.93	11.34	41.7	8.18	10.53	42.7	8.65	11.67	42.4	7.82	---	---	---
11/27/2008	14:00:00	14.43	42.3	8.04	11.38	41.8	8.30	10.48	42.5	8.64	11.47	42.7	7.83	---	---	---
11/27/2008	15:00:00	15.10	42.7	8.14	11.60	41.8	8.38	10.41	42.5	8.62	11.49	43.1	7.81	---	---	---
11/27/2008	16:00:00	15.15	42.6	8.23	11.51	41.7	8.42	10.38	42.5	8.60	11.12	43.0	7.75	---	---	---
11/27/2008	17:00:00	14.98	42.3	8.29	11.34	41.3	8.41	10.28	42.4	8.59	11.16	42.9	7.78	---	---	---
11/27/2008	18:00:00	14.53	41.9	8.30	11.22	41.0	8.34	10.20	42.5	8.57	11.03	42.8	7.80	---	---	---
11/27/2008	19:00:00	13.72	41.6	8.25	10.75	40.9	8.25	10.03	42.6	8.53	10.98	42.7	7.80	---	---	---
11/27/2008	20:00:00	13.43	41.4	8.18	10.27	40.7	8.18	9.91	42.8	8.51	10.93	42.5	7.80	---	---	---
11/27/2008	21:00:00	13.04	41.1	8.11	10.21	40.4	8.11	9.89	43.0	8.48	10.84	42.3	7.79	---	---	---
11/27/2008	22:00:00	12.95	40.9	8.05	10.11	40.2	8.06	9.81	43.3	8.46	10.75	42.1	7.77	---	---	---
11/27/2008	23:00:00	12.84	40.8	8.01	9.61	40.1	8.01	9.85	43.5	8.44	10.68	41.9	7.75	---	---	---
11/28/2008	0:00:00	12.58	40.6	7.97	9.74	39.9	7.98	9.94	43.6	8.44	10.56	41.8	7.73	---	---	---
11/28/2008	1:00:00	12.88	40.4	7.94	10.12	39.8	7.94	10.12	43.8	8.45	10.40	41.8	7.71	---	---	---
11/28/2008	2:00:00	12.61	40.3	7.91	9.70	39.7	7.93	10.26	43.8	8.47	10.25	41.7	7.69	---	---	---
11/28/2008	3:00:00	12.41	40.1	7.89	9.71	39.6	7.90	10.60	43.7	8.51	10.12	41.6	7.68	---	---	---
11/28/2008	4:00:00	12.17	39.9	7.87	9.81	39.5	7.87	10.57	43.7	8.53	9.98	41.6	7.65	---	---	---
11/28/2008	5:00:00	12.21	39.9	7.84	9.47	39.5	7.85	10.71	43.7	8.55	10.19	41.6	7.64	---	---	---
11/28/2008	6:00:00	11.96	39.8	7.82	9.35	39.4	7.81	10.95	43.8	8.58	9.91	41.5	7.63	---	---	---
11/28/2008	7:00:00	11.71	39.7	7.79	9.11	39.3	7.78	11.11	43.9	8.63	10.16	41.5	7.62	---	---	---
11/28/2008	8:00:00	11.68	39.6	7.76	9.11	39.1	7.76	11.21	43.9	8.67	10.13	41.4	7.61	---	---	---
11/28/2008	9:00:00	11.81	39.4	7.75	9.52	39.0	7.82	11.25	43.9	8.70	9.90	41.5	7.63	---	---	---
11/28/2008	10:00:00	12.21	39.5	7.76	10.46	39.4	7.92	11.20	44.0	8.71	10.25	41.6	7.63	---	---	---
11/28/2008	11:00:00	13.12	40.0	7.80	11.16	40.0	8.05	11.18	44.1	8.72	10.43	41.8	7.65	---	---	---
11/28/2008	12:00:00	14.18	40.8	7.91	11.50	40.6	8.17	11.01	44.2	8.73	12.04	42.6	7.77	---	---	---
11/28/2008	13:00:00	14.94	41.8	8.01	11.99	41.1	8.30	10.94	44.2	8.73	11.78	42.8	7.77	---	---	---
11/28/2008	14:00:00	15.69	42.8	8.14	12.17	41.4	8.41	10.89	44.1	8.73	11.82	43.1	7.78	---	---	---
11/28/2008	15:00:00	15.65	43.2	8.27	12.29	41.6	8.50	10.82	43.8	8.73	12.10	43.1	7.65	---	---	---
11/28/2008	16:00:00	15.32	43.2	8.39	12.74	41.4	8.57	10.78	43.4	8.73	10.84	43.2	7.77	---	---	---
11/28/2008	17:00:00	15.18	42.7	8.48	12.16	41.2	8.55	10.69	42.9	8.72	10.96	43.2	7.79	---	---	---
11/28/2008	18:00:00	15.08	42.1	8.48	11.87	40.9	8.48	10.60	42.8	8.70	10.69	43.1	7.82	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

## Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/28/2008	19:00:00	14.93	41.6	8.42	11.55	40.7	8.41	10.59	42.8	8.68	10.61	43.2	7.80	---	---	---
11/28/2008	20:00:00	14.41	41.2	8.35	11.32	40.4	8.34	10.51	42.8	8.67	10.82	43.3	7.81	---	---	---
11/28/2008	21:00:00	13.86	41.0	8.27	10.55	40.2	8.27	10.40	42.9	8.66	10.84	43.0	7.89	---	---	---
11/28/2008	22:00:00	12.95	40.8	8.20	10.40	39.9	8.20	10.20	43.0	8.62	10.97	42.7	7.89	---	---	---
11/28/2008	23:00:00	13.20	40.6	8.14	10.07	39.8	8.15	10.15	43.1	8.59	10.86	42.5	7.88	---	---	---
11/29/2008	0:00:00	12.87	40.4	8.08	10.30	39.6	8.11	10.11	43.1	8.56	10.53	42.5	7.87	---	---	---
11/29/2008	1:00:00	12.99	40.2	8.03	10.00	39.5	8.05	10.10	43.2	8.54	10.41	42.3	7.85	---	---	---
11/29/2008	2:00:00	12.87	40.0	7.99	9.67	39.3	8.01	10.25	43.4	8.55	10.57	42.0	7.81	---	---	---
11/29/2008	3:00:00	12.65	39.8	7.97	9.68	39.1	7.97	10.41	43.7	8.56	10.54	41.8	7.80	---	---	---
11/29/2008	4:00:00	12.84	39.5	7.94	9.61	38.9	7.95	10.59	43.9	8.58	10.34	41.7	7.76	---	---	---
11/29/2008	5:00:00	12.61	39.3	7.91	10.05	38.7	7.92	10.86	44.0	8.62	10.14	41.6	7.74	---	---	---
11/29/2008	6:00:00	12.44	39.1	7.89	9.70	38.4	7.89	11.08	44.2	8.67	10.38	41.5	7.70	---	---	---
11/29/2008	7:00:00	12.20	38.9	7.86	9.80	38.3	7.87	11.24	44.4	8.72	10.26	41.4	7.69	---	---	---
11/29/2008	8:00:00	12.37	38.8	7.84	10.14	38.2	7.86	11.34	44.5	8.75	10.25	41.2	7.68	---	---	---
11/29/2008	9:00:00	12.41	38.8	7.83	10.48	38.4	7.94	11.41	44.7	8.79	10.02	41.3	7.65	---	---	---
11/29/2008	10:00:00	13.36	38.8	7.86	11.34	38.9	8.09	11.43	44.7	8.81	10.45	41.4	7.70	---	---	---
11/29/2008	11:00:00	13.39	39.3	7.92	11.95	39.5	8.22	11.34	44.7	8.81	10.62	41.8	7.68	---	---	---
11/29/2008	12:00:00	14.17	40.3	8.04	12.45	40.2	8.36	11.36	44.8	8.82	10.74	42.0	7.71	---	---	---
11/29/2008	13:00:00	14.95	41.3	8.17	12.90	40.8	8.46	11.22	44.9	8.83	10.66	42.2	7.70	---	---	---
11/29/2008	14:00:00	15.16	42.3	8.31	12.93	41.1	8.57	11.13	44.9	8.81	10.59	42.5	7.74	---	---	---
11/29/2008	15:00:00	15.66	42.8	8.44	12.94	41.1	8.62	11.11	44.8	8.82	10.45	42.5	7.74	---	---	---
11/29/2008	16:00:00	15.71	42.9	8.56	13.11	40.9	8.65	11.00	44.7	8.80	10.64	42.6	7.73	---	---	---
11/29/2008	17:00:00	15.69	42.5	8.62	12.79	40.7	8.65	10.87	44.6	8.80	10.46	42.8	7.74	---	---	---
11/29/2008	18:00:00	15.19	41.9	8.63	12.42	40.5	8.61	10.77	44.4	8.79	10.22	42.9	7.70	---	---	---
11/29/2008	19:00:00	14.52	41.3	8.57	11.51	40.2	8.53	10.72	44.2	8.78	10.41	43.0	7.73	---	---	---
11/29/2008	20:00:00	13.93	40.9	8.49	11.42	39.9	8.47	10.59	44.0	8.76	10.65	43.0	7.72	---	---	---
11/29/2008	21:00:00	13.68	40.6	8.41	10.96	39.6	8.40	10.55	43.8	8.74	10.75	43.1	7.74	---	---	---
11/29/2008	22:00:00	13.57	40.4	8.34	10.65	39.4	8.33	10.48	43.6	8.72	10.89	43.1	7.77	---	---	---
11/29/2008	23:00:00	13.28	40.2	8.27	10.44	39.3	8.27	10.41	43.4	8.70	11.05	42.9	7.88	---	---	---
11/30/2008	0:00:00	12.96	40.0	8.21	10.10	39.1	8.21	10.42	43.3	8.69	11.06	42.6	7.91	---	---	---
11/30/2008	1:00:00	12.63	40.0	8.16	9.96	39.1	8.16	10.40	43.2	8.67	10.93	42.5	7.93	---	---	---
11/30/2008	2:00:00	12.61	39.9	8.12	9.85	39.2	8.10	10.40	43.2	8.66	10.74	42.4	7.92	---	---	---
11/30/2008	3:00:00	12.54	39.8	8.07	10.01	39.2	8.06	10.58	43.3	8.66	10.66	42.3	7.88	---	---	---
11/30/2008	4:00:00	12.33	39.7	8.03	9.58	39.2	8.03	10.83	43.5	8.68	10.62	42.1	7.87	---	---	---
11/30/2008	5:00:00	12.17	39.6	7.99	9.38	39.1	7.98	11.04	43.8	8.71	10.54	42.0	7.85	---	---	---
11/30/2008	6:00:00	11.90	39.5	7.96	9.30	39.0	7.95	11.34	43.9	8.76	10.49	41.8	7.82	---	---	---
11/30/2008	7:00:00	11.87	39.5	7.92	9.14	38.9	7.91	11.55	44.1	8.81	10.35	41.7	7.81	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
11/30/2008	8:00:00	11.67	39.5	7.89	8.91	38.9	7.88	11.66	44.3	8.86	10.35	41.6	7.75	---	---	---
11/30/2008	9:00:00	11.77	39.5	7.86	8.82	39.0	7.86	11.70	44.5	8.89	10.40	41.5	7.75	---	---	---
11/30/2008	10:00:00	12.07	39.5	7.84	8.96	39.1	7.87	11.66	44.7	8.92	10.65	41.5	7.72	---	---	---
11/30/2008	11:00:00	12.19	39.6	7.85	9.41	39.2	7.91	11.62	44.9	8.94	10.45	41.5	7.72	---	---	---
11/30/2008	12:00:00	12.70	39.7	7.88	9.40	39.2	7.94	11.47	44.8	8.94	10.39	41.4	7.70	---	---	---
11/30/2008	13:00:00	12.93	39.7	7.91	9.59	39.3	8.00	11.42	44.8	8.94	10.39	41.4	7.73	---	---	---
11/30/2008	14:00:00	13.15	39.7	7.94	9.82	39.4	8.05	11.33	44.5	8.94	10.33	41.4	7.73	---	---	---
11/30/2008	15:00:00	13.16	39.8	7.97	9.76	39.4	8.10	11.18	44.3	8.93	10.49	41.5	7.74	---	---	---
11/30/2008	16:00:00	13.06	39.9	7.98	9.50	39.5	8.08	11.06	44.1	8.93	10.64	41.6	7.73	---	---	---
11/30/2008	17:00:00	12.76	40.0	7.96	9.24	39.6	8.03	10.93	43.8	8.92	10.77	41.7	7.72	---	---	---
11/30/2008	18:00:00	11.90	40.1	7.92	8.88	39.7	7.96	10.85	43.5	8.90	11.61	42.0	7.81	---	---	---
11/30/2008	19:00:00	11.58	40.3	7.86	8.82	39.8	7.90	10.77	43.0	8.89	11.00	42.2	7.82	---	---	---
11/30/2008	20:00:00	10.97	40.4	7.81	8.60	39.9	7.84	10.72	42.6	8.87	11.01	42.4	7.83	---	---	---
11/30/2008	21:00:00	11.33	40.6	7.77	8.35	40.0	7.78	10.59	42.2	8.84	11.22	42.6	7.86	---	---	---
11/30/2008	22:00:00	11.14	40.7	7.72	8.16	40.1	7.72	10.50	42.2	8.81	11.11	42.6	7.87	---	---	---
11/30/2008	23:00:00	10.90	40.7	7.69	8.01	40.3	7.67	10.40	42.4	8.78	10.93	42.7	7.90	---	---	---
12/1/2008	0:00:00	10.76	40.9	7.66	7.74	40.4	7.63	10.17	43.0	8.72	10.78	42.6	7.89	---	---	---
12/1/2008	1:00:00	10.04	41.1	7.62	8.16	40.6	7.59	10.07	43.4	8.67	10.62	42.6	7.88	---	---	---
12/1/2008	2:00:00	10.03	41.4	7.59	7.97	40.8	7.57	10.06	43.7	8.64	10.58	42.5	7.87	---	---	---
12/1/2008	3:00:00	10.09	41.7	7.57	7.71	41.0	7.55	10.15	43.9	8.64	10.62	42.7	7.88	---	---	---
12/1/2008	4:00:00	9.73	41.9	7.54	7.80	41.2	7.53	10.16	43.9	8.63	10.35	43.0	7.79	---	---	---
12/1/2008	5:00:00	9.61	42.1	7.52	7.29	41.3	7.51	10.27	44.0	8.63	10.17	42.8	7.72	---	---	---
12/1/2008	6:00:00	9.49	42.1	7.50	7.66	41.3	7.50	10.19	44.0	8.62	10.04	42.8	7.72	---	---	---
12/1/2008	7:00:00	9.36	41.9	7.49	7.42	41.2	7.48	10.18	44.0	8.61	10.03	42.7	7.67	---	---	---
12/1/2008	8:00:00	9.38	41.7	7.48	7.35	41.2	7.48	10.10	44.0	8.59	9.99	42.7	7.67	---	---	---
12/1/2008	9:00:00	9.41	41.8	7.48	7.58	41.2	7.50	10.03	44.0	8.56	10.17	42.8	7.67	---	---	---
12/1/2008	10:00:00	9.54	42.0	7.48	7.98	41.5	7.55	9.93	43.9	8.54	10.28	43.0	7.68	---	---	---
12/1/2008	11:00:00	9.82	42.4	7.50	8.18	41.8	7.61	9.74	43.5	8.52	10.27	43.4	7.71	---	---	---
12/1/2008	12:00:00	9.88	42.8	7.52	8.52	42.2	7.68	9.66	43.3	8.50	10.23	44.0	7.72	---	---	---
12/1/2008	13:00:00	10.32	43.2	7.59	8.82	42.4	7.74	9.64	43.1	8.48	10.53	44.1	7.77	---	---	---
12/1/2008	14:00:00	10.63	43.6	7.66	8.91	42.6	7.79	9.45	43.1	8.45	10.13	44.1	7.67	---	---	---
12/1/2008	15:00:00	10.84	43.8	7.72	8.78	42.8	7.85	9.31	43.4	8.40	10.14	43.9	7.71	---	---	---
12/1/2008	16:00:00	10.86	43.7	7.74	8.79	42.8	7.85	9.11	43.7	8.37	10.12	43.6	7.67	---	---	---
12/1/2008	17:00:00	10.64	43.5	7.73	8.29	42.8	7.81	9.08	43.9	8.35	10.68	43.4	7.63	---	---	---
12/1/2008	18:00:00	10.33	43.5	7.72	8.22	42.7	7.74	9.16	44.0	8.34	9.99	43.3	7.64	---	---	---
12/1/2008	19:00:00	10.18	43.4	7.68	7.85	42.6	7.70	9.18	44.1	8.34	10.04	43.2	7.59	---	---	---
12/1/2008	20:00:00	9.92	43.2	7.65	7.94	42.5	7.67	9.32	44.3	8.35	10.12	43.0	7.60	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/1/2008	21:00:00	9.79	43.0	7.63	7.72	42.4	7.64	9.54	44.4	8.36	10.16	42.9	7.58	---	---	---
12/1/2008	22:00:00	9.87	42.9	7.60	7.65	42.2	7.62	9.82	44.6	8.37	10.19	42.9	7.57	---	---	---
12/1/2008	23:00:00	9.74	42.7	7.58	7.73	42.1	7.59	9.77	44.7	8.39	10.19	42.9	7.57	---	---	---
12/2/2008	0:00:00	9.58	42.6	7.56	7.61	41.9	7.58	9.61	44.8	8.42	10.19	42.9	7.56	---	---	---
12/2/2008	1:00:00	9.50	42.4	7.53	7.39	41.8	7.56	10.73	44.8	8.44	10.19	42.8	7.55	---	---	---
12/2/2008	2:00:00	9.92	42.2	7.52	7.47	41.7	7.54	10.80	44.8	8.45	10.22	42.8	7.55	---	---	---
12/2/2008	3:00:00	9.53	42.0	7.52	7.44	41.5	7.52	11.15	44.7	8.42	10.17	42.8	7.54	---	---	---
12/2/2008	4:00:00	9.45	41.9	7.51	7.40	41.4	7.52	10.69	44.6	8.44	10.20	42.8	7.54	---	---	---
12/2/2008	5:00:00	9.61	41.7	7.50	7.59	41.2	7.51	9.26	44.4	8.45	10.19	42.6	7.54	---	---	---
12/2/2008	6:00:00	9.59	41.4	7.51	7.53	41.0	7.51	9.22	44.3	8.45	10.13	42.6	7.53	---	---	---
12/2/2008	7:00:00	9.65	41.2	7.51	7.63	40.8	7.51	9.03	44.1	8.42	10.09	42.5	7.53	---	---	---
12/2/2008	8:00:00	9.57	41.0	7.51	7.55	40.7	7.48	8.87	43.8	8.40	10.02	42.5	7.54	---	---	---
12/2/2008	9:00:00	9.69	40.9	7.51	7.57	40.7	7.49	8.90	43.0	8.39	10.05	42.5	7.51	---	---	---
12/2/2008	10:00:00	9.70	40.8	7.51	7.72	40.8	7.52	8.83	42.4	8.38	10.06	42.6	7.50	---	---	---
12/2/2008	11:00:00	10.11	41.2	7.52	8.03	41.1	7.54	8.83	42.0	8.36	10.28	42.9	7.51	---	---	---
12/2/2008	12:00:00	10.32	41.7	7.54	8.39	41.3	7.58	8.80	41.8	8.34	10.27	43.2	7.38	---	---	---
12/2/2008	13:00:00	10.76	42.0	7.57	8.73	41.6	7.62	8.67	41.9	8.33	10.28	43.4	7.58	---	---	---
12/2/2008	14:00:00	11.16	42.0	7.59	8.65	41.6	7.67	8.70	42.2	8.31	10.41	43.5	7.59	---	---	---
12/2/2008	15:00:00	11.22	42.0	7.60	8.72	41.5	7.67	8.63	42.4	8.31	10.17	43.5	7.53	---	---	---
12/2/2008	16:00:00	11.04	41.9	7.60	8.64	41.4	7.68	8.67	42.6	8.32	9.72	43.4	7.37	---	---	---
12/2/2008	17:00:00	10.87	41.8	7.60	8.16	41.3	7.65	8.78	42.7	8.33	9.83	43.3	7.48	---	---	---
12/2/2008	18:00:00	10.40	41.7	7.58	8.18	41.2	7.61	8.98	42.9	8.35	9.80	43.2	7.47	---	---	---
12/2/2008	19:00:00	10.61	41.5	7.56	7.92	41.0	7.59	9.18	42.9	8.37	9.87	43.1	7.49	---	---	---
12/2/2008	20:00:00	10.87	41.2	7.55	8.24	40.8	7.57	9.30	42.9	8.40	9.87	43.1	7.51	---	---	---
12/2/2008	21:00:00	10.72	41.0	7.54	8.11	40.5	7.56	9.42	42.9	8.44	9.86	43.0	7.51	---	---	---
12/2/2008	22:00:00	10.69	40.7	7.54	7.98	40.3	7.55	9.45	42.8	8.43	9.90	43.0	7.51	---	---	---
12/2/2008	23:00:00	10.46	40.5	7.54	8.30	40.1	7.55	9.28	42.7	8.41	9.93	43.0	7.51	---	---	---
12/3/2008	0:00:00	10.80	40.3	7.54	8.08	39.8	7.54	9.47	42.6	8.41	10.04	42.9	7.52	---	---	---
12/3/2008	1:00:00	10.80	40.1	7.54	8.32	39.6	7.55	9.53	42.5	8.41	10.08	42.9	7.52	---	---	---
12/3/2008	2:00:00	10.82	39.8	7.54	8.48	39.4	7.55	9.51	42.2	8.40	10.23	42.8	7.54	---	---	---
12/3/2008	3:00:00	10.67	39.6	7.53	8.54	39.2	7.55	9.47	42.0	8.39	10.27	42.6	7.54	---	---	---
12/3/2008	4:00:00	10.77	39.3	7.53	8.27	39.0	7.54	9.30	41.8	8.39	10.27	42.6	7.54	---	---	---
12/3/2008	5:00:00	10.53	39.1	7.53	8.45	38.7	7.54	9.34	41.5	8.37	10.33	42.4	7.53	---	---	---
12/3/2008	6:00:00	10.87	38.8	7.53	8.54	38.5	7.52	9.30	41.2	8.36	10.41	42.2	7.55	---	---	---
12/3/2008	7:00:00	10.83	38.5	7.52	8.53	38.2	7.52	9.24	40.8	8.34	10.39	42.0	7.54	---	---	---
12/3/2008	8:00:00	10.90	38.3	7.52	8.40	38.0	7.51	9.27	40.5	8.34	10.35	41.9	7.55	---	---	---
12/3/2008	9:00:00	11.30	38.2	7.52	8.72	37.9	7.52	9.25	40.2	8.34	10.43	41.8	7.55	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

## Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/3/2008	10:00:00	11.19	38.1	7.54	8.93	38.1	7.57	9.28	40.1	8.33	10.42	41.7	7.54	---	---	---
12/3/2008	11:00:00	11.69	38.6	7.56	9.38	38.5	7.61	9.29	40.1	8.33	10.73	41.9	7.54	---	---	---
12/3/2008	12:00:00	12.05	39.3	7.60	9.58	38.8	7.66	9.33	40.0	8.32	10.72	42.2	7.54	---	---	---
12/3/2008	13:00:00	12.44	40.0	7.65	9.84	39.1	7.72	9.33	40.1	8.33	10.52	42.3	7.57	---	---	---
12/3/2008	14:00:00	12.61	40.4	7.70	9.79	39.3	7.77	9.36	40.3	8.33	10.48	42.4	7.58	---	---	---
12/3/2008	15:00:00	13.02	40.6	7.75	9.81	39.3	7.81	9.45	40.4	8.33	10.43	42.6	7.58	---	---	---
12/3/2008	16:00:00	12.98	40.4	7.79	9.96	39.2	7.83	9.66	40.3	8.34	10.44	42.6	7.58	---	---	---
12/3/2008	17:00:00	12.64	40.1	7.80	9.79	39.1	7.82	9.74	40.2	8.36	10.39	42.5	7.60	---	---	---
12/3/2008	18:00:00	12.90	39.9	7.80	9.44	39.1	7.80	9.90	40.1	8.37	10.35	42.4	7.58	---	---	---
12/3/2008	19:00:00	12.58	39.8	7.78	9.40	38.9	7.78	10.15	40.2	8.39	10.37	42.2	7.57	---	---	---
12/3/2008	20:00:00	11.81	39.6	7.75	9.55	38.8	7.76	10.37	40.3	8.43	10.30	42.1	7.56	---	---	---
12/3/2008	21:00:00	11.75	39.5	7.74	9.32	38.7	7.74	10.59	40.5	8.46	10.40	41.9	7.56	---	---	---
12/3/2008	22:00:00	11.63	39.3	7.72	9.35	38.7	7.72	10.70	40.5	8.49	10.38	41.8	7.54	---	---	---
12/3/2008	23:00:00	11.56	39.2	7.71	9.05	38.5	7.71	10.78	40.4	8.53	10.38	41.6	7.53	---	---	---
12/4/2008	0:00:00	11.49	39.0	7.70	9.13	38.4	7.69	10.78	40.3	8.55	10.45	41.5	7.53	---	---	---
12/4/2008	1:00:00	11.44	38.9	7.69	9.18	38.3	7.68	10.76	40.3	8.55	10.56	41.4	7.53	---	---	---
12/4/2008	2:00:00	11.39	38.8	7.67	9.08	38.3	7.67	10.85	40.4	8.56	10.67	41.3	7.52	---	---	---
12/4/2008	3:00:00	11.49	38.8	7.67	9.09	38.2	7.66	10.47	40.4	8.54	10.80	41.2	7.53	---	---	---
12/4/2008	4:00:00	11.54	38.7	7.66	8.71	38.2	7.65	10.42	40.3	8.54	10.87	41.2	7.54	---	---	---
12/4/2008	5:00:00	11.41	38.7	7.66	8.85	38.2	7.64	10.55	40.2	8.54	11.04	41.1	7.55	---	---	---
12/4/2008	6:00:00	11.22	38.6	7.65	8.79	38.2	7.63	10.40	40.0	8.52	11.11	41.1	7.57	---	---	---
12/4/2008	7:00:00	12.48	38.6	7.64	8.57	38.2	7.61	10.31	39.7	8.51	11.19	41.0	7.59	---	---	---
12/4/2008	8:00:00	11.36	38.7	7.66	8.85	38.3	7.59	10.42	39.3	8.50	11.17	41.0	7.60	---	---	---
12/4/2008	9:00:00	11.09	38.7	7.66	8.76	38.4	7.60	10.37	39.2	8.49	11.21	40.9	7.60	---	---	---
12/4/2008	10:00:00	11.28	38.9	7.68	9.10	38.6	7.63	10.31	39.0	8.47	11.25	40.9	7.60	---	---	---
12/4/2008	11:00:00	11.25	39.1	7.71	9.28	38.8	7.67	10.29	38.9	8.47	11.39	40.8	7.61	---	---	---
12/4/2008	12:00:00	11.80	39.4	7.76	9.49	39.1	7.72	9.91	38.9	8.46	11.25	40.8	7.61	---	---	---
12/4/2008	13:00:00	12.91	40.0	7.83	9.99	39.5	7.80	10.07	39.0	8.45	11.28	40.9	7.61	---	---	---
12/4/2008	14:00:00	13.11	40.4	7.90	10.30	39.8	7.88	10.25	39.1	8.44	11.22	40.9	7.60	---	---	---
12/4/2008	15:00:00	13.24	40.5	7.97	10.17	40.0	7.92	10.19	39.5	8.43	11.23	41.0	7.59	---	---	---
12/4/2008	16:00:00	12.84	40.5	7.98	10.08	40.0	7.92	10.08	39.8	8.42	11.27	41.1	7.62	---	---	---
12/4/2008	17:00:00	12.49	40.5	7.97	9.88	40.0	7.88	10.02	40.0	8.42	11.00	41.1	7.59	---	---	---
12/4/2008	18:00:00	12.50	40.5	7.93	9.26	40.0	7.84	10.06	40.3	8.41	10.92	41.1	7.56	---	---	---
12/4/2008	19:00:00	12.10	40.6	7.86	9.27	40.1	7.80	9.97	40.6	8.42	10.87	41.0	7.56	---	---	---
12/4/2008	20:00:00	11.77	40.6	7.82	9.18	40.1	7.76	10.06	40.9	8.43	10.79	41.0	7.55	---	---	---
12/4/2008	21:00:00	11.62	40.6	7.78	9.09	40.2	7.73	10.18	41.2	8.45	10.78	41.0	7.55	---	---	---
12/4/2008	22:00:00	11.24	40.7	7.75	8.76	40.2	7.69	10.33	41.4	8.51	10.71	41.0	7.55	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

## Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/4/2008	23:00:00	11.29	40.6	7.73	8.93	40.3	7.67	10.48	41.6	8.56	10.82	41.0	7.56	---	---	---
12/5/2008	0:00:00	11.72	40.6	7.70	8.60	40.2	7.66	10.56	41.7	8.55	10.79	41.0	7.55	---	---	---
12/5/2008	1:00:00	10.74	40.5	7.68	8.67	40.2	7.64	10.56	41.7	8.58	10.96	41.1	7.60	---	---	---
12/5/2008	2:00:00	10.86	40.4	7.67	8.30	40.0	7.62	10.60	41.8	8.58	10.66	41.1	7.55	---	---	---
12/5/2008	3:00:00	10.90	40.3	7.66	8.36	39.9	7.60	10.47	41.9	8.59	10.66	41.0	7.54	---	---	---
12/5/2008	4:00:00	10.96	40.1	7.65	8.47	39.7	7.60	10.47	41.7	8.56	10.75	41.0	7.54	---	---	---
12/5/2008	5:00:00	10.85	39.9	7.63	8.16	39.5	7.58	10.30	41.7	8.55	10.74	40.9	7.55	---	---	---
12/5/2008	6:00:00	11.21	39.7	7.62	8.11	39.3	7.57	10.24	41.7	8.53	10.85	40.9	7.56	---	---	---
12/5/2008	7:00:00	11.17	39.5	7.61	8.19	39.2	7.56	10.09	41.4	8.52	10.97	40.9	7.58	---	---	---
12/5/2008	8:00:00	10.46	39.3	7.60	8.26	39.0	7.55	9.97	41.2	8.50	11.18	40.9	7.61	---	---	---
12/5/2008	9:00:00	10.51	39.3	7.60	8.65	39.1	7.58	9.92	41.0	8.49	11.47	40.9	7.61	---	---	---
12/5/2008	10:00:00	10.90	39.3	7.62	9.13	39.3	7.64	9.82	40.8	8.48	11.94	41.0	7.68	---	---	---
12/5/2008	11:00:00	12.50	39.6	7.65	9.43	39.8	7.72	9.70	40.7	8.46	12.07	41.3	7.76	---	---	---
12/5/2008	12:00:00	12.23	40.6	7.73	9.80	40.1	7.80	9.67	40.5	8.45	12.01	41.4	7.85	---	---	---
12/5/2008	13:00:00	13.37	41.5	7.82	10.26	40.7	7.88	9.62	40.6	8.44	11.79	41.4	7.80	---	---	---
12/5/2008	14:00:00	13.68	41.6	7.91	10.34	41.0	7.97	9.55	40.7	8.43	11.85	41.5	7.79	---	---	---
12/5/2008	15:00:00	14.58	41.4	7.99	10.49	40.8	8.03	9.57	40.9	8.42	11.73	41.6	7.85	---	---	---
12/5/2008	16:00:00	14.08	41.1	8.07	10.38	40.5	8.07	9.51	41.0	8.41	11.70	41.6	7.78	---	---	---
12/5/2008	17:00:00	13.77	40.8	8.09	10.17	40.2	8.05	9.42	41.1	8.40	11.34	41.5	7.70	---	---	---
12/5/2008	18:00:00	13.76	40.5	8.07	10.07	40.0	8.01	9.47	41.1	8.41	11.16	41.4	7.67	---	---	---
12/5/2008	19:00:00	13.07	40.2	8.01	9.55	39.7	7.96	9.63	41.2	8.41	11.02	41.2	7.65	---	---	---
12/5/2008	20:00:00	11.96	39.9	7.97	9.59	39.4	7.92	9.80	41.3	8.43	10.92	41.1	7.64	---	---	---
12/5/2008	21:00:00	11.64	39.6	7.93	9.44	39.2	7.87	10.11	41.3	8.46	10.88	41.0	7.65	---	---	---
12/5/2008	22:00:00	12.38	39.3	7.89	9.36	38.9	7.83	10.30	41.4	8.51	10.82	40.9	7.64	---	---	---
12/5/2008	23:00:00	12.11	39.0	7.86	9.34	38.6	7.80	10.58	41.6	8.56	10.80	40.8	7.63	---	---	---
12/6/2008	0:00:00	12.54	38.7	7.83	9.11	38.3	7.77	10.72	41.7	8.61	10.69	40.7	7.61	---	---	---
12/6/2008	1:00:00	11.87	38.5	7.81	8.97	38.0	7.75	10.83	41.7	8.65	10.68	40.6	7.60	---	---	---
12/6/2008	2:00:00	12.52	38.2	7.79	9.09	37.7	7.73	10.84	41.7	8.68	10.71	40.5	7.60	---	---	---
12/6/2008	3:00:00	11.54	38.0	7.77	9.14	37.5	7.71	10.73	41.7	8.68	10.71	40.4	7.60	---	---	---
12/6/2008	4:00:00	12.37	37.8	7.75	9.07	37.3	7.69	10.63	41.7	8.69	10.80	40.3	7.60	---	---	---
12/6/2008	5:00:00	12.65	37.5	7.74	8.97	37.1	7.67	10.57	41.6	8.67	10.83	40.2	7.59	---	---	---
12/6/2008	6:00:00	13.38	37.3	7.72	8.94	36.9	7.65	10.45	41.6	8.66	10.85	40.2	7.60	---	---	---
12/6/2008	7:00:00	11.90	37.1	7.71	9.06	36.7	7.63	10.41	41.4	8.66	10.95	40.1	7.60	---	---	---
12/6/2008	8:00:00	12.01	36.9	7.69	8.87	36.5	7.61	10.31	41.2	8.66	11.06	40.1	7.60	---	---	---
12/6/2008	9:00:00	12.32	36.8	7.68	9.51	36.6	7.65	10.26	40.8	8.65	11.28	40.1	7.61	---	---	---
12/6/2008	10:00:00	13.22	37.0	7.70	9.98	36.9	7.72	10.20	40.4	8.63	11.62	40.2	7.65	---	---	---
12/6/2008	11:00:00	12.65	37.1	7.75	10.35	37.0	7.82	10.19	40.1	8.62	11.84	40.3	7.70	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/6/2008	12:00:00	14.49	37.4	7.81	10.65	37.2	7.90	10.14	39.9	8.60	11.99	40.4	7.75	---	---	---
12/6/2008	13:00:00	15.31	37.6	7.89	10.74	37.4	7.97	10.13	39.8	8.58	12.07	40.5	7.78	---	---	---
12/6/2008	14:00:00	15.54	37.8	7.96	10.96	37.5	8.05	10.03	39.5	8.56	12.02	40.5	7.81	---	---	---
12/6/2008	15:00:00	15.47	37.9	8.03	11.10	37.6	8.11	10.05	39.3	8.55	12.08	40.5	7.83	---	---	---
12/6/2008	16:00:00				11.22	37.5	8.11	10.01	39.2	8.54	11.93	40.3	7.85	---	---	---
12/6/2008	17:00:00				10.76	37.4	8.10	9.98	39.1	8.52	11.70	40.1	7.83	---	---	---
12/6/2008	18:00:00				10.61	37.2	8.03	9.94	39.0	8.50	11.59	40.1	7.80	---	---	---
12/6/2008	19:00:00				10.07	37.1	7.99	10.03	38.9	8.49	11.44	40.0	7.77	---	---	---
12/6/2008	20:00:00				10.04	36.9	7.94	10.12	39.0	8.49	11.28	39.8	7.75	---	---	---
12/6/2008	21:00:00				9.83	36.9	7.89	10.27	39.2	8.51	10.97	40.0	7.68	---	---	---
12/6/2008	22:00:00				9.64	36.8	7.85	10.42	39.4	8.54	10.82	39.8	7.60	---	---	---
12/6/2008	23:00:00				9.43	36.8	7.80	10.66	39.5	8.57	10.78	39.6	7.61	---	---	---
12/7/2008	0:00:00				9.46	36.8	7.77	10.92	39.5	8.60	10.85	39.5	7.62	---	---	---
12/7/2008	1:00:00				9.49	36.8	7.74	11.08	39.4	8.64	10.85	39.5	7.61	---	---	---
12/7/2008	2:00:00				9.18	36.8	7.71	11.15	39.3	8.69	10.74	39.5	7.60	---	---	---
12/7/2008	3:00:00				9.34	36.7	7.68	11.29	39.1	8.72	10.91	39.4	7.61	---	---	---
12/7/2008	4:00:00				9.27	36.7	7.66	11.27	39.0	8.74	10.98	39.5	7.62	---	---	---
12/7/2008	5:00:00				9.15	36.6	7.63	11.24	38.9	8.75	10.96	39.5	7.62	---	---	---
12/7/2008	6:00:00				8.85	36.6	7.62	11.15	38.9	8.74	10.89	39.5	7.62	---	---	---
12/7/2008	7:00:00				9.00	36.5	7.60	10.99	39.0	8.74	10.97	39.5	7.61	---	---	---
12/7/2008	8:00:00				8.94	36.4	7.60	10.92	39.0	8.69	11.77	39.5	7.71	---	---	---
12/7/2008	9:00:00				9.49	36.5	7.63	10.88	39.0	8.70	12.16	39.6	7.84	---	---	---
12/7/2008	10:00:00				9.85	36.6	7.69	10.79	38.7	8.67	13.02	39.7	7.98	---	---	---
12/7/2008	11:00:00				10.12	37.0	7.77	10.68	38.4	8.65	13.42	39.7	8.11	---	---	---
12/7/2008	12:00:00				10.64	37.4	7.87	10.62	38.1	8.63	13.74	39.8	8.25	---	---	---
12/7/2008	13:00:00				11.01	37.7	7.96	10.55	38.0	8.60	13.62	40.1	8.21	---	---	---
12/7/2008	14:00:00				11.13	37.7	8.04	10.43	38.0	8.58	13.46	39.8	8.22	---	---	---
12/7/2008	15:00:00				11.28	37.6	8.11	10.35	38.0	8.55	13.31	39.6	8.17	---	---	---
12/7/2008	16:00:00				11.14	37.3	8.16	10.31	37.9	8.53	12.85	39.3	8.00	---	---	---
12/7/2008	17:00:00				10.84	36.9	8.15	10.16	38.1	8.52	12.77	39.0	8.08	---	---	---
12/7/2008	18:00:00				10.55	36.5	8.08	10.12	38.2	8.49	12.90	38.7	8.06	---	---	---
12/7/2008	19:00:00				10.42	36.1	8.03	10.07	38.3	8.47	12.74	38.5	8.07	---	---	---
12/7/2008	20:00:00				10.30	35.8	7.98	10.08	38.4	8.46	12.54	38.3	7.89	---	---	---
12/7/2008	21:00:00				10.23	35.5	7.93	10.19	38.4	8.46	12.52	38.3	8.10	---	---	---
12/7/2008	22:00:00				10.20	35.1	7.89	10.34	38.3	8.48	12.35	37.9	8.05	---	---	---
12/7/2008	23:00:00				10.13	34.8	7.85	10.51	38.2	8.50	12.53	38.1	8.09	---	---	---
12/8/2008	0:00:00				9.93	34.5	7.82	10.59	38.2	8.52	12.42	38.1	8.06	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/8/2008	1:00:00				9.84	34.1	7.79	10.77	38.2	8.54	11.86	37.8	7.98	---	---	---
12/8/2008	2:00:00				9.89	33.8	7.77	10.95	38.2	8.56	12.07	37.6	7.98	---	---	---
12/8/2008	3:00:00				9.78	33.5	7.74	11.10	38.2	8.61	11.93	37.7	7.95	---	---	---
12/8/2008	4:00:00				9.86	33.2	7.72	11.24	38.1	8.65	12.00	37.8	7.94	---	---	---
12/8/2008	5:00:00				9.96	33.0	7.71	11.25	38.0	8.68	12.03	37.7	7.94	---	---	---
12/8/2008	6:00:00				10.11	32.8	7.69	11.31	37.8	8.70	12.13	37.2	7.92	---	---	---
12/8/2008	7:00:00				9.97	32.7	7.68	11.30	37.7	8.71	11.93	36.8	7.93	---	---	---
12/8/2008	8:00:00				10.16	32.6	7.68	11.28	37.5	8.72	11.73	37.0	7.87	---	---	---
12/8/2008	9:00:00				10.16	32.6	7.70	11.33	37.4	8.72	11.85	36.5	7.87	---	---	---
12/8/2008	10:00:00				10.87	32.8	7.75	11.32	37.2	8.72	12.12	36.5	7.87	---	---	---
12/8/2008	11:00:00				11.20	33.0	7.83	11.29	37.1	8.71	11.81	36.8	7.85	---	---	---
12/8/2008	12:00:00				11.67	33.3	7.91	11.20	37.0	8.70	11.97	36.9	7.84	---	---	---
12/8/2008	13:00:00				11.88	33.6	8.01	10.96	37.0	8.54	12.33	37.0	7.85	---	---	---
12/8/2008	14:00:00				12.17	33.7	8.12	11.13	37.0	8.72	11.62	36.8	7.74	---	---	---
12/8/2008	15:00:00				13.62	33.7	8.31	10.99	37.1	8.72	11.84	36.9	7.72	---	---	---
12/8/2008	16:00:00	14.75	34.5	8.43	13.70	33.9	8.38	10.87	37.1	8.69	11.78	36.9	7.76	---	---	---
12/8/2008	17:00:00	14.36	34.5	8.46	13.49	33.8	8.34	10.85	37.1	8.68	11.86	36.7	7.79	---	---	---
12/8/2008	18:00:00	13.95	34.5	8.38	13.06	33.8	8.26	10.80	37.2	8.66	11.96	36.4	7.83	---	---	---
12/8/2008	19:00:00	13.60	34.4	8.29	12.98	33.8	8.18	10.82	37.2	8.64	11.91	35.9	7.85	---	---	---
12/8/2008	20:00:00	13.41	34.4	8.21	12.68	33.7	8.13	10.78	37.3	8.62	11.86	35.8	7.85	---	---	---
12/8/2008	21:00:00	13.12	34.3	8.15	12.59	33.7	8.08	10.80	37.6	8.60	11.74	35.6	7.83	---	---	---
12/8/2008	22:00:00	12.90	34.3	8.09	12.41	33.7	8.02	10.72	37.8	8.60	11.63	35.6	7.81	---	---	---
12/8/2008	23:00:00	12.82	34.3	8.04	12.16	33.7	7.97	10.89	38.0	8.60	11.61	35.6	7.78	---	---	---
12/9/2008	0:00:00	12.72	34.3	8.00	12.13	33.7	7.94	11.06	38.0	8.63	11.33	35.4	7.75	---	---	---
12/9/2008	1:00:00	12.74	34.3	7.97	12.14	33.7	7.91	11.22	38.1	8.66	11.00	35.1	7.69	---	---	---
12/9/2008	2:00:00	12.63	34.2	7.94	12.11	33.6	7.88	11.41	38.1	8.71	11.27	35.2	7.66	---	---	---
12/9/2008	3:00:00	12.46	34.2	7.92	12.04	33.6	7.86	11.52	38.0	8.74	11.30	35.2	7.65	---	---	---
12/9/2008	4:00:00	12.35	34.2	7.89	11.88	33.6	7.83	11.62	38.0	8.77	11.06	35.3	7.63	---	---	---
12/9/2008	5:00:00	12.39	34.1	7.87	11.79	33.6	7.81	11.69	38.1	8.80	11.14	35.3	7.60	---	---	---
12/9/2008	6:00:00	12.28	34.1	7.85	11.73	33.6	7.78	11.65	38.8	8.81	11.21	35.4	7.60	---	---	---
12/9/2008	7:00:00	12.34	34.1	7.84	11.72	33.6	7.77	11.54	39.4	8.82	11.22	35.4	7.60	---	---	---
12/9/2008	8:00:00	12.30	34.1	7.83	11.76	33.6	7.76	11.41	39.8	8.82	11.27	35.5	7.60	---	---	---
12/9/2008	9:00:00	12.57	34.1	7.84	12.14	33.7	7.79	11.40	40.1	8.81	11.48	35.7	7.60	---	---	---
12/9/2008	10:00:00	12.99	34.3	7.90	12.49	33.9	7.84	11.36	39.8	8.81	11.66	35.9	7.62	---	---	---
12/9/2008	11:00:00	13.42	34.5	7.98	12.84	34.1	7.92	11.40	39.4	8.81	11.89	36.1	7.65	---	---	---
12/9/2008	12:00:00	13.90	34.7	8.07	13.31	34.3	8.02	11.46	38.9	8.81	12.19	36.3	7.69	---	---	---
12/9/2008	13:00:00	14.33	35.0	8.18	13.71	34.6	8.11	11.49	38.1	8.80	12.33	36.5	7.73	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

## Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/9/2008	14:00:00	14.62	35.3	8.29	13.86	34.9	8.21	11.54	37.3	8.79	12.65	36.7	7.77	---	---	---
12/9/2008	15:00:00	14.81	35.6	8.38	14.09	35.2	8.30	11.53	36.8	8.76	12.75	36.9	7.83	---	---	---
12/9/2008	16:00:00	14.90	35.9	8.44	14.03	35.3	8.34	11.47	36.5	8.74	12.92	37.0	7.90	---	---	---
12/9/2008	17:00:00	14.79	35.9	8.46	13.79	35.4	8.32	11.43	36.4	8.71	12.81	37.1	7.94	---	---	---
12/9/2008	18:00:00	14.23	36.0	8.38	13.58	35.4	8.24	11.37	36.4	8.69	12.58	37.2	7.93	---	---	---
12/9/2008	19:00:00	13.81	36.0	8.27	13.20	35.5	8.16	11.26	36.4	8.66	12.56	37.3	7.90	---	---	---
12/9/2008	20:00:00	13.45	36.0	8.18	12.90	35.5	8.08	11.20	36.5	8.64	12.61	37.4	7.93	---	---	---
12/9/2008	21:00:00	13.24	36.1	8.10	12.89	35.6	8.02	11.14	36.8	8.61	12.53	37.4	7.95	---	---	---
12/9/2008	22:00:00	13.00	36.2	8.03	12.71	35.8	7.97	11.15	37.1	8.60	12.17	37.5	7.90	---	---	---
12/9/2008	23:00:00	12.76	36.4	7.98	12.38	36.1	7.91	11.15	37.2	8.60	12.02	37.5	7.88	---	---	---
12/10/2008	0:00:00	12.43	36.8	7.94	12.13	36.5	7.86	11.23	37.3	8.60	11.81	37.6	7.83	---	---	---
12/10/2008	1:00:00	12.16	37.2	7.90	12.06	36.8	7.83	11.32	37.5	8.62	11.65	37.7	7.79	---	---	---
12/10/2008	2:00:00	12.22	37.3	7.87	11.90	37.0	7.80	11.45	37.7	8.64	11.57	37.7	7.76	---	---	---
12/10/2008	3:00:00	12.16	37.5	7.84	11.73	37.1	7.76	11.51	37.8	8.66	11.40	37.8	7.71	---	---	---
12/10/2008	4:00:00	11.66	37.9	7.82	11.51	37.4	7.73	11.59	38.0	8.69	11.29	38.0	7.67	---	---	---
12/10/2008	5:00:00	11.55	38.3	7.79	11.38	37.8	7.70	11.65	38.1	8.71	11.18	38.2	7.65	---	---	---
12/10/2008	6:00:00	11.36	38.7	7.77	11.36	38.1	7.68	11.69	38.2	8.71	11.01	38.5	7.60	---	---	---
12/10/2008	7:00:00	11.39	39.0	7.75	11.12	38.4	7.65	11.64	38.5	8.73	10.54	39.5	7.50	---	---	---
12/10/2008	8:00:00	11.23	39.4	7.73	11.23	38.8	7.65	11.59	38.9	8.75	10.67	39.2	7.48	---	---	---
12/10/2008	9:00:00	11.24	39.6	7.73	11.16	39.1	7.66	11.58	39.2	8.77	10.91	39.0	7.50	---	---	---
12/10/2008	10:00:00	11.38	40.0	7.75	11.37	39.5	7.68	11.43	39.5	8.76	10.90	39.4	7.52	---	---	---
12/10/2008	11:00:00	11.62	40.4	7.79	11.55	39.9	7.73	11.38	39.4	8.76	11.16	39.6	7.55	---	---	---
12/10/2008	12:00:00	11.81	40.9	7.84	11.65	40.3	7.78	11.37	39.4	8.75	11.21	39.9	7.57	---	---	---
12/10/2008	13:00:00	11.90	41.4	7.88	11.59	40.8	7.84	11.29	39.5	8.74	11.21	40.3	7.60	---	---	---
12/10/2008	14:00:00	11.89	42.0	7.90	11.75	41.2	7.86	11.06	39.6	8.71	11.25	40.8	7.62	---	---	---
12/10/2008	15:00:00	11.76	42.1	7.90	11.38	41.3	7.86	10.95	39.6	8.68	11.34	41.5	7.96	---	---	---
12/10/2008	16:00:00	11.70	42.2	7.92	11.28	41.5	7.85	10.85	39.7	8.64	11.27	41.3	7.92	---	---	---
12/10/2008	17:00:00	11.39	42.4	7.88	10.97	41.6	7.80	10.81	39.7	8.62	11.29	41.2	7.94	---	---	---
12/10/2008	18:00:00	11.07	42.5	7.82	10.82	41.7	7.74	10.63	40.0	8.59	11.46	41.2	7.96	---	---	---
12/10/2008	19:00:00	10.70	42.6	7.77	10.45	41.9	7.69	10.36	40.6	8.54	11.43	41.2	7.99	---	---	---
12/10/2008	20:00:00	10.49	42.7	7.73	9.96	42.1	7.64	10.15	41.1	8.49	11.33	41.3	7.99	---	---	---
12/10/2008	21:00:00	10.45	42.8	7.70	10.06	42.2	7.61	10.00	41.4	8.46	11.26	41.4	7.98	---	---	---
12/10/2008	22:00:00	10.35	42.8	7.68	9.22	42.3	7.58	9.96	41.7	8.44	11.14	41.4	7.97	---	---	---
12/10/2008	23:00:00	10.29	42.8	7.67	9.82	42.4	7.56	9.83	41.9	8.42	10.98	41.3	7.95	---	---	---
12/11/2008	0:00:00	10.27	42.8	7.66	10.05	42.4	7.54	9.88	42.2	8.42	10.85	41.2	7.92	---	---	---
12/11/2008	1:00:00	10.15	42.8	7.65	9.86	42.4	7.51	9.90	42.8	8.41	10.72	41.2	7.89	---	---	---
12/11/2008	2:00:00	10.05	42.8	7.64	9.94	42.4	7.48	9.89	43.4	8.42	10.59	41.3	7.85	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/11/2008	3:00:00	9.93	42.8	7.63	9.72	42.4	7.48	9.92	43.9	8.43	10.45	41.3	7.82	---	---	---
12/11/2008	4:00:00	9.90	42.8	7.62	9.52	42.3	7.45	9.83	44.2	8.44	10.25	41.3	7.77	---	---	---
12/11/2008	5:00:00	9.82	42.8	7.62	9.66	42.3	7.44	9.68	44.4	8.42	10.07	41.4	7.75	---	---	---
12/11/2008	6:00:00	9.88	42.7	7.62	9.24	42.3	7.45	9.57	44.6	8.41	9.97	41.5	7.72	---	---	---
12/11/2008	7:00:00	9.84	42.7	7.61	9.23	42.3	7.44	9.46	44.6	8.39	9.93	41.6	7.70	---	---	---
12/11/2008	8:00:00	9.84	42.7	7.61	9.42	42.3	7.44	9.30	44.2	8.38	9.83	41.8	7.68	---	---	---
12/11/2008	9:00:00	9.86	42.7	7.61	9.28	42.3	7.43	9.18	43.8	8.36	9.98	42.1	7.70	---	---	---
12/11/2008	10:00:00	9.96	42.7	7.62	9.26	42.4	7.45	9.14	43.5	8.34	9.99	42.2	7.72	---	---	---
12/11/2008	11:00:00	10.06	42.8	7.62	9.58	42.4	7.46	9.06	43.3	8.32	10.05	42.4	7.74	---	---	---
12/11/2008	12:00:00	10.07	43.0	7.62	9.74	42.6	7.48	8.94	43.2	8.30	9.97	42.5	7.75	---	---	---
12/11/2008	13:00:00	10.05	43.1	7.61	9.83	42.7	7.48	8.84	43.0	8.28	9.88	42.6	7.76	---	---	---
12/11/2008	14:00:00	10.04	43.2	7.60	9.72	42.8	7.47	8.76	43.0	8.25	9.77	42.5	7.75	---	---	---
12/11/2008	15:00:00	10.04	43.2	7.59	9.92	42.9	7.45	8.73	43.2	8.24	9.49	42.7	7.74	---	---	---
12/11/2008	16:00:00	10.07	43.2	7.58	9.61	42.9	7.44	8.72	43.3	8.23	9.32	42.5	7.69	---	---	---
12/11/2008	17:00:00	10.26	43.0	7.57	9.71	42.9	7.42	8.73	43.2	8.24	9.26	42.4	7.66	---	---	---
12/11/2008	18:00:00	10.40	42.7	7.57	9.55	42.8	7.42	8.88	42.9	8.25	9.23	42.4	7.64	---	---	---
12/11/2008	19:00:00	10.61	42.6	7.57	10.07	42.6	7.39	9.06	42.8	8.28	9.27	42.3	7.64	---	---	---
12/11/2008	20:00:00	10.95	42.4	7.54	10.05	42.4	7.33	9.27	42.7	8.30	9.30	42.4	7.58	---	---	---
12/11/2008	21:00:00	11.03	42.1	7.48	10.05	42.0	7.31	9.14	42.8	8.32	9.20	42.7	7.57	---	---	---
12/11/2008	22:00:00	11.00	41.9	7.41	10.56	41.6	7.24	9.25	42.8	8.30	9.40	42.9	7.65	---	---	---
12/11/2008	23:00:00	11.03	41.6	7.35	10.42	41.3	7.21	9.20	42.9	8.26	9.65	42.8	7.64	---	---	---
12/12/2008	0:00:00	11.27	41.4	7.30	10.21	41.0	7.15	8.95	42.6	8.22	9.90	42.9	7.60	---	---	---
12/12/2008	1:00:00	11.20	41.1	7.24	10.69	40.7	7.11	9.30	42.3	8.17	10.14	42.5	7.54	---	---	---
12/12/2008	2:00:00	11.61	40.8	7.19	10.97	40.3	7.06	9.47	41.9	8.14	9.93	42.2	7.50	---	---	---
12/12/2008	3:00:00	11.78	40.4	7.10	10.47	40.2	6.99	9.57	41.4	8.07	9.27	42.3	7.28	---	---	---
12/12/2008	4:00:00	11.78	40.6	7.07	10.57	40.2	6.96	9.58	40.9	8.02	9.47	42.0	7.12	---	---	---
12/12/2008	5:00:00	11.37	40.8	7.12	10.98	40.2	6.91	9.62	40.7	7.97	9.82	41.7	7.08	---	---	---
12/12/2008	6:00:00	11.15	40.9	7.14	10.73	40.2	6.89	9.70	40.6	7.93	10.10	41.5	7.04	---	---	---
12/12/2008	7:00:00	11.26	40.8	7.16	10.61	40.3	6.92	9.78	40.5	7.92	9.99	41.3	7.03	---	---	---
12/12/2008	8:00:00	11.20	40.8	7.18	10.72	40.4	6.98	9.79	40.4	7.91	10.21	41.0	6.99	---	---	---
12/12/2008	9:00:00	11.13	40.7	7.20	10.37	40.4	7.01	9.72	40.5	7.91	10.41	40.9	6.96	---	---	---
12/12/2008	10:00:00	11.26	40.6	7.22	10.52	40.4	7.08	9.81	40.6	7.91	10.86	40.8	6.93	---	---	---
12/12/2008	11:00:00	11.21	40.6	7.24	10.43	40.5	7.13	9.74	40.7	7.92	11.07	40.9	6.92	---	---	---
12/12/2008	12:00:00	11.23	40.6	7.25	10.62	40.4	7.17	9.89	40.7	7.95	11.29	40.9	6.91	---	---	---
12/12/2008	13:00:00	11.19	40.5	7.25	10.55	40.4	7.20	9.81	40.7	7.96	11.31	40.9	6.96	---	---	---
12/12/2008	14:00:00	10.99	40.5	7.25	10.11	40.4	7.24	9.78	40.6	7.96	11.30	40.9	6.94	---	---	---
12/12/2008	15:00:00	11.03	40.4	7.24	10.16	40.3	7.23	9.77	40.6	7.98	11.33	41.0	6.93	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/12/2008	16:00:00	11.12	40.5	7.22	10.36	40.3	7.18	9.80	40.4	8.00	11.10	41.0	6.97	---	---	---
12/12/2008	17:00:00	11.09	40.6	7.21	10.11	40.4	7.18	9.73	40.3	8.01	10.82	41.1	6.98	---	---	---
12/12/2008	18:00:00	11.02	40.6	7.19	10.25	40.5	7.15	9.67	40.2	8.01	10.80	41.1	7.00	---	---	---
12/12/2008	19:00:00	11.18	40.7	7.18	10.42	40.6	7.15	9.65	40.1	8.00	10.58	41.1	7.02	---	---	---
12/12/2008	20:00:00	11.31	40.7	7.17	10.64	40.6	7.12	9.66	40.1	7.99	10.44	41.1	7.03	---	---	---
12/12/2008	21:00:00	11.31	40.7	7.18	10.52	40.6	7.12	9.76	40.2	7.98	10.47	41.1	7.05	---	---	---
12/12/2008	22:00:00	11.35	40.7	7.20	10.35	40.7	7.16	9.84	40.2	7.97	10.46	41.0	7.06	---	---	---
12/12/2008	23:00:00	11.54	40.7	7.21	10.79	40.6	7.16	9.90	40.3	7.97	10.49	40.9	7.06	---	---	---
12/13/2008	0:00:00	11.72	40.6	7.22	10.67	40.6	7.18	9.98	40.3	7.97	10.46	40.9	7.07	---	---	---
12/13/2008	1:00:00	11.58	40.6	7.24	11.00	40.5	7.18	10.07	40.4	7.98	10.39	40.8	7.07	---	---	---
12/13/2008	2:00:00	11.54	40.5	7.24	10.62	40.5	7.19	10.20	40.3	7.99	10.40	40.9	7.06	---	---	---
12/13/2008	3:00:00	11.50	40.5	7.24	10.79	40.4	7.21	10.26	40.3	8.01	10.46	40.8	7.07	---	---	---
12/13/2008	4:00:00	11.56	40.4	7.25	11.13	40.3	7.21	10.33	40.2	8.02	10.41	40.8	7.06	---	---	---
12/13/2008	5:00:00	11.40	40.3	7.25	10.83	40.2	7.19	10.37	40.1	8.03	10.45	40.7	7.05	---	---	---
12/13/2008	6:00:00	11.45	40.2	7.26	11.12	40.1	7.20	10.41	40.0	8.05	10.45	40.6	7.06	---	---	---
12/13/2008	7:00:00	11.40	40.1	7.26	11.18	40.0	7.24	10.43	39.9	8.06	10.46	40.6	7.06	---	---	---
12/13/2008	8:00:00	11.41	40.0	7.27	10.71	39.9	7.22	10.45	39.8	8.07	10.59	40.5	7.07	---	---	---
12/13/2008	9:00:00	11.39	39.9	7.27	10.82	39.8	7.25	10.49	39.7	8.07	10.67	40.5	7.09	---	---	---
12/13/2008	10:00:00	11.38	39.9	7.27	11.13	39.8	7.22	10.46	39.8	8.08	10.66	40.5	7.07	---	---	---
12/13/2008	11:00:00	11.44	40.1	7.28	10.86	39.9	7.27	10.52	39.8	8.08	10.73	40.5	7.08	---	---	---
12/13/2008	12:00:00	11.59	40.3	7.26	10.88	40.0	7.27	10.48	39.9	8.08	10.69	40.6	7.08	---	---	---
12/13/2008	13:00:00	11.52	40.4	7.27	11.03	40.1	7.20	10.47	40.0	8.08	10.75	40.7	7.09	---	---	---
12/13/2008	14:00:00	11.58	40.5	7.28	10.90	40.1	7.21	10.35	40.2	8.08	10.73	40.8	7.09	---	---	---
12/13/2008	15:00:00	11.49	40.4	7.29	10.97	40.1	7.22	10.33	40.2	8.07	10.71	40.8	7.09	---	---	---
12/13/2008	16:00:00	11.54	40.3	7.27	11.11	40.1	7.23	10.33	40.3	8.06	10.66	40.7	7.09	---	---	---
12/13/2008	17:00:00	11.45	40.2	7.26	10.99	40.0	7.20	10.30	40.2	8.05	10.61	40.6	7.10	---	---	---
12/13/2008	18:00:00	11.46	40.1	7.25	11.06	40.0	7.19	10.28	40.1	8.05	10.61	40.5	7.09	---	---	---
12/13/2008	19:00:00	11.55	40.0	7.26	10.90	39.9	7.19	10.27	40.1	8.05	10.65	40.4	7.10	---	---	---
12/13/2008	20:00:00	11.54	39.9	7.26	10.74	39.8	7.19	10.26	39.9	8.05	10.61	40.3	7.10	---	---	---
12/13/2008	21:00:00	11.54	39.8	7.26	10.83	39.7	7.19	10.27	39.8	8.05	10.57	40.2	7.09	---	---	---
12/13/2008	22:00:00	11.55	39.7	7.27	11.01	39.6	7.20	10.29	39.7	8.05	10.57	40.1	7.09	---	---	---
12/13/2008	23:00:00	11.32	39.6	7.27	10.87	39.5	7.19	10.28	39.6	8.05	10.58	40.1	7.09	---	---	---
12/14/2008	0:00:00	11.54	39.5	7.26	11.01	39.4	7.18	10.34	39.5	8.04	10.58	40.0	7.08	---	---	---
12/14/2008	1:00:00	11.76	39.4	7.26	11.13	39.3	7.13	10.35	39.4	8.04	10.59	39.9	7.08	---	---	---
12/14/2008	2:00:00	11.72	39.3	7.26	11.11	39.2	7.19	10.38	39.3	8.05	10.50	39.8	7.10	---	---	---
12/14/2008	3:00:00	11.85	39.2	7.28	11.06	39.1	7.19	10.40	39.2	8.04	10.49	39.8	7.08	---	---	---
12/14/2008	4:00:00	11.70	39.1	7.33	11.18	39.1	7.22	10.41	39.1	8.04	10.56	39.7	7.08	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Exelon Nuclear

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norristown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/14/2008	5:00:00	11.77	39.1	7.39	11.08	39.0	7.28	10.47	39.0	8.04	10.61	39.5	7.09	---	---	---
12/14/2008	6:00:00	11.82	39.0	7.44	11.07	38.9	7.34	10.53	39.0	8.04	10.59	39.4	7.09	---	---	---
12/14/2008	7:00:00	11.95	38.9	7.46	11.28	38.9	7.38	10.56	38.9	8.04	10.59	39.4	7.08	---	---	---
12/14/2008	8:00:00	12.04	38.9	7.49	10.89	38.8	7.41	10.55	38.9	8.05	10.65	39.3	7.09	---	---	---
12/14/2008	9:00:00	11.98	38.8	7.50	11.55	38.8	7.43	10.59	38.8	8.08	10.68	39.3	7.08	---	---	---
12/14/2008	10:00:00	11.91	38.8	7.52	11.78	38.8	7.45	10.59	38.8	8.11	10.71	39.3	7.09	---	---	---
12/14/2008	11:00:00	11.82	39.0	7.52	11.32	38.9	7.45	10.53	38.9	8.16	10.70	39.5	7.09	---	---	---
12/14/2008	12:00:00	11.82	39.2	7.54	11.09	39.0	7.47	10.59	39.0	8.19	10.75	39.6	7.09	---	---	---
12/14/2008	13:00:00	11.85	39.5	7.56	11.03	39.2	7.48	10.61	39.2	8.21	10.70	39.8	7.08	---	---	---
12/14/2008	14:00:00	11.73	39.6	7.56	11.20	39.3	7.48	10.58	39.3	8.23	10.73	40.0	7.07	---	---	---
12/14/2008	15:00:00	11.81	39.7	7.57	11.29	39.4	7.42	10.55	39.4	8.25	10.65	40.0	7.07	---	---	---
12/14/2008	16:00:00	11.76	39.7	7.58	11.30	39.5	7.50	10.57	39.5	8.26	10.69	40.0	7.07	---	---	---
12/14/2008	17:00:00	11.74	39.7	7.59	11.00	39.5	7.50	10.59	39.5	8.26	10.62	39.9	7.08	---	---	---
12/14/2008	18:00:00	11.77	39.6	7.59	11.21	39.5	7.51	10.56	39.5	8.26	10.59	39.9	7.09	---	---	---
12/14/2008	19:00:00	11.66	39.6	7.60	10.98	39.5	7.51	10.54	39.4	8.27	10.64	39.9	7.12	---	---	---
12/14/2008	20:00:00	11.69	39.6	7.60	11.19	39.5	7.51	10.53	39.4	8.28	10.61	39.9	7.15	---	---	---
12/14/2008	21:00:00	11.67	39.6	7.60	10.98	39.5	7.46	10.53	39.4	8.27	10.62	39.8	7.17	---	---	---
12/14/2008	22:00:00	11.81	39.6	7.61	11.26	39.6	7.53	10.48	39.4	8.27	10.59	39.8	7.19	---	---	---
12/14/2008	23:00:00	11.62	39.7	7.62	11.16	39.6	7.53	10.52	39.5	8.28	10.59	39.9	7.20	---	---	---
12/15/2008	0:00:00	11.65	39.7	7.63	11.16	39.6	7.54	10.67	39.5	8.28	10.53	39.9	7.21	---	---	---
12/15/2008	1:00:00	11.78	39.8	7.63	11.19	39.7	7.52	10.54	39.5	8.28	10.48	39.9	7.23	---	---	---
12/15/2008	2:00:00	11.70	39.8	7.64	10.95	39.7	7.53	10.58	39.5	8.28	10.45	40.0	7.24	---	---	---
12/15/2008	3:00:00	11.81	39.9	7.65	11.04	39.8	7.55	10.55	39.5	8.28	10.45	40.0	7.25	---	---	---
12/15/2008	4:00:00	11.59	40.0	7.65	11.04	39.9	7.55	10.51	39.6	8.28	10.52	40.1	7.26	---	---	---
12/15/2008	5:00:00	11.68	40.1	7.65	11.07	40.0	7.55	10.49	39.7	8.28	10.45	40.2	7.26	---	---	---
12/15/2008	6:00:00	11.49	40.2	7.66	11.13	40.1	7.56	10.45	39.8	8.28	10.33	40.3	7.27	---	---	---
12/15/2008	7:00:00	11.68	40.3	7.67	11.11	40.2	7.56	10.46	39.8	8.29	10.29	40.4	7.26	---	---	---
12/15/2008	8:00:00	11.95	40.4	7.68	10.79	40.3	7.57	10.46	39.9	8.29	10.31	40.5	7.27	---	---	---
12/15/2008	9:00:00	11.94	40.5	7.68	10.84	40.5	7.56	10.39	40.0	8.30	10.17	40.8	7.26	---	---	---
12/15/2008	10:00:00	11.92	40.8	7.69	11.02	40.7	7.58	10.40	40.2	8.30	10.20	41.0	7.26	---	---	---
12/15/2008	11:00:00	12.00	41.2	7.69	10.72	41.0	7.57	10.36	40.5	8.30	10.31	41.2	7.27	---	---	---
12/15/2008	12:00:00	11.93	41.5	7.70	10.89	41.3	7.60	10.31	40.9	8.30	10.14	41.9	7.25	---	---	---
12/15/2008	13:00:00	11.82	41.8	7.70	10.81	41.6	7.59	10.27	41.3	8.29	10.24	41.9	7.27	---	---	---
12/15/2008	14:00:00	11.74	42.1	7.71	10.72	41.9	7.60	10.20	41.6	8.30	10.15	42.1	7.28	---	---	---
12/15/2008	15:00:00	11.85	42.3	7.72	10.54	42.1	7.61	10.18	41.8	8.30	10.12	42.3	7.28	---	---	---
12/15/2008	16:00:00	11.73	42.4	7.72	10.77	42.2	7.56	10.11	42.0	8.31	10.04	42.5	7.28	---	---	---
12/15/2008	17:00:00	11.88	42.5	7.73	10.64	42.4	7.61	10.06	42.2	8.31	9.99	42.6	7.28	---	---	---

--- Data collection discontinued by USGS October through March at Vincent Dam

Date M/D/YYYY	Time HH:MM:SS	Limerick Intake			PA American Intake			Black Rock Dam			Norrstown Pool			Vincent Dam		
		DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	pH Units	DO mg/l	Temp °F	Temp °C
12/15/2008	18:00:00	11.69	42.7	7.73	10.40	42.5	7.55	10.05	42.3	8.31	9.81	42.7	7.25	---	---	---
12/15/2008	19:00:00	11.67	42.7	7.72	10.62	42.6	7.55	10.04	42.4	8.31	9.76	42.9	7.27	---	---	---
12/15/2008	20:00:00	11.70	42.9	7.73	10.64	42.7	7.60	10.00	42.5	8.31	9.85	43.0	7.25	---	---	---
12/15/2008	21:00:00	11.69	43.0	7.73	10.31	42.8	7.60	9.87	42.6	8.31	9.73	43.2	7.25	---	---	---
12/15/2008	22:00:00	11.41	43.1	7.72	10.29	42.9	7.60	9.87	42.8	8.32	9.75	43.2	7.26	---	---	---
12/15/2008	23:00:00	12.00	43.2	7.69	10.54	43.0	7.61	9.81	42.9	8.31	9.65	43.4	7.26	---	---	---

**Pottstown Water Treatment Plant, Schuylkill River Monitoring  
Associated with the Exelon's Wadesville Mine Demonstration Project**

Date	pH (SU) Range**		Spec. Cond. (µmhos/cm)
	Max	Min	
4/15/2008	9.2	7.7	
4/16/2008	9.2	7.9	
4/17/2008	9.1	8	
4/18/2008	9.2	7.8	
4/19/2008	9.1	8.1	
4/20/2008	8.4	7.7	
4/21/2008	8.3	7.5	
4/22/2008	8.8	7.6	
4/23/2008	8.9	7.5	
4/24/2008	8.9	7.6	
4/25/2008	8.6	7.5	
4/26/2008	8.1	7.6	
4/27/2008	7.8	7.5	
4/28/2008	7.6	7.3	350
4/29/2008	7.7	7.3	
4/30/2008	7.9	7.2	
5/1/2008	7.9	7.6	
5/2/2008	7.7	7.5	
5/3/2008	7.8	7.6	
5/4/2008	7.9	7.7	
5/5/2008	7.8	7.5	
5/6/2008	7.8	7.5	320
5/7/2008	7.8	7.5	
5/8/2008	7.8	7.4	
5/9/2008	7.6	7.5	300
5/10/2008	7.4	7.4	
5/11/2008	7.5	7.4	
5/12/2008	7.7	7.5	
5/13/2008	7.8	7.5	
5/14/2008	8.0	7.6	330
5/15/2008	7.8	7.6	
5/16/2008	7.7	7.5	
5/17/2008	7.5	7.4	
5/18/2008	7.7	7.5	
5/19/2008	7.8	7.5	340
5/20/2008	7.8	7.5	
5/21/2008	7.8	7.6	
5/22/2008	7.8	7.6	
5/23/2008	7.9	7.6	350
5/24/2008	7.7	7.5	
5/25/2008	7.9	7.5	
5/26/2008	8.0	7.8	
5/27/2008	7.9	7.6	
5/28/2008	8.0	7.5	
5/29/2008	8.1	7.6	

**Pottstown Water Treatment Plant, Schuylkill River Monitoring  
Associated with the Exelon's Wadesville Mine Demonstration Project**

Date	pH (SU) Range**		Spec. Cond. (µmhos/cm)
	Max	Min	
5/30/2008	8.1	7.6	390
5/31/2008	7.8	7.7	
6/1/2008	7.7	7.6	
6/2/2008	8.2	7.6	
6/3/2008	8.1	7.8	
6/4/2008	7.9	7.6	
6/5/2008	7.6	7.5	410
6/6/2008	7.7	7.5	
6/7/2008	7.9	7.7	
6/8/2008	7.8	7.7	
6/9/2008	7.8	7.5	
6/10/2008	7.8	7.6	
6/11/2008	7.8	7.5	
6/12/2008	7.9	7.5	
6/13/2008	7.9	7.6	
6/14/2008	7.5	7.5	
6/15/2008	7.6	7.5	
6/16/2008	8.0	7.6	
6/17/2008	8.0	7.6	460
6/18/2008	7.9	7.7	
6/19/2008	8.1	7.6	
6/20/2008	8.3	7.7	
6/21/2008	8.4	7.8	
6/22/2008	8.3	7.8	
6/23/2008	8.4	7.7	
6/24/2008	8.1	7.7	
6/25/2008	8.3	7.4	
6/26/2008	8.3	7.7	510
6/27/2008	8.3	7.7	
6/28/2008	8.0	7.7	
6/29/2008	8.0	7.6	
6/30/2008	8.1	7.7	500
7/1/2008	8.2	7.7	
7/2/2008	8.3	7.7	
7/3/2008	8.3	7.7	510
7/4/2008	7.7	7.5	
7/5/2008	7.9	7.7	
7/6/2008	7.9	7.6	
7/7/2008	7.8	7.6	
7/8/2008	7.9	7.5	490
7/9/2008	7.9	7.6	
7/10/2008	8.1	7.6	
7/11/2008	8.1	7.7	
7/12/2008	8.3	7.8	
7/13/2008	8.3	7.9	
7/14/2008	7.8	7.7	410

**Pottstown Water Treatment Plant, Schuylkill River Monitoring  
Associated with the Exelon's Wadesville Mine Demonstration Project**

Date	pH (SU) Range**		Spec. Cond. (µmhos/cm)
	Max	Min	
7/15/2008	8.1	7.6	
7/16/2008	8.2	7.7	
7/17/2008	8.1	7.7	
7/18/2008	8.2	7.7	400
7/19/2008	7.9	7.7	
7/20/2008	7.8	7.7	
7/21/2008	8.3	7.6	
7/22/2008	8.4	7.6	
7/23/2008	7.9	7.6	
7/24/2008	7.6	7.3	
7/25/2008	7.8	7.3	440
7/26/2008	8.0	7.5	
7/27/2008	7.6	7.5	
7/28/2008	7.7	7.3	
7/29/2008	8.0	7.4	
7/30/2008	7.9	7.6	
7/31/2008	8.1	7.6	
8/1/2008	8.3	7.6	
8/2/2008	8.0	7.7	
8/3/2008	8.1	7.6	
8/4/2008	8.3	7.6	
8/5/2008	8.1	7.7	
8/6/2008	8.2	7.6	
8/7/2008	8.3	7.6	
8/8/2008	8.2	7.7	480
8/9/2008	8.4	7.8	
8/10/2008	7.9	7.8	
8/11/2008	8.1	7.7	
8/12/2008	8.1	7.8	
8/13/2008	8.1	7.8	
8/14/2008	8.5	7.8	510
8/15/2008	8.2	7.8	
8/16/2008	8.2	7.6	
8/17/2008	8.7	7.7	
8/18/2008	8.8	7.9	490
8/19/2008	8.3	8.1	
8/20/2008	8.1	8.1	
8/21/2008	8.1	8.1	
8/22/2008	9.0	8.1	
8/23/2008	8.4	8.0	
8/24/2008	8.0	7.7	
8/25/2008	8.4	7.9	
8/26/2008	8.1	7.7	
8/27/2008	8.5	7.7	570
8/28/2008	8.7	8.2	
8/29/2008	8.2	7.9	

**Pottstown Water Treatment Plant, Schuylkill River Monitoring  
Associated with the Exelon's Wadesville Mine Demonstration Project**

Date	pH (SU) Range**		Spec. Cond. (µmhos/cm)
	Max	Min	
8/30/2008	8.6	7.8	
8/31/2008	8.7	7.8	
9/1/2008	8.7	7.9	
9/2/2008	8.8	7.9	
9/3/2008	8.8	7.8	
9/4/2008	8.6	7.8	
9/5/2008	8.6	7.8	
9/6/2008	7.8	7.7	
9/7/2008	7.7	7.5	
9/8/2008	8.1	7.7	
9/9/2008	7.9	7.7	
9/10/2008	7.9	7.7	410
9/11/2008	8.1	7.8	
9/12/2008	7.9	7.8	
9/13/2008	7.8	7.8	
9/14/2008	7.7	7.5	
9/15/2008	8.1	7.6	450
9/16/2008	8.2	7.9	
9/17/2008	8.2	7.9	
9/18/2008	8.4	7.9	490
9/19/2008	8.5	7.9	
9/20/2008	8.6	8.0	
9/21/2008	8.6	7.9	
9/22/2008	8.6	7.8	
9/23/2008	8.8	8.0	520
9/24/2008	8.8	8.0	
9/25/2008	8.7	8.1	
9/26/2008	8.2	8.0	
9/27/2008	8.0	7.9	
9/28/2008	7.8	7.8	
9/29/2008	7.9	7.8	
9/30/2008	8.1	7.6	
10/1/2008	8.0	7.7	500
10/2/2008	7.8	7.7	
10/3/2008	7.8	7.7	
10/4/2008	8.8	8.0	
10/5/2008	8.7	7.8	
10/6/2008	8.6	8.0	
10/7/2008	8.7	8.1	
10/8/2008	8.8	8.1	
10/9/2008	8.9	8.1	510
10/10/2008	8.9	8.1	
10/11/2008	9.3	8.1	
10/12/2008	9.3	8.1	
10/13/2008	9.1	7.9	530
10/14/2008	8.6	8.2	

**Pottstown Water Treatment Plant, Schuylkill River Monitoring  
Associated with the Exelon's Wadesville Mine Demonstration Project**

Date	pH (SU) Range**		Spec. Cond. (µmhos/cm)
	Max	Min	
10/15/2008	8.2	8.2	
10/16/2008	8.2	8.2	540
10/17/2008	8.2	8.2	
10/18/2008	8.2	8.2	
10/19/2008	8.2	8.2	
10/20/2008	8.2	8.2	560
10/21/2008	8.4	8.2	
10/22/2008	8.4	8.2	
10/23/2008	8.4	8.1	520
10/24/2008	8.5	8.3	
10/25/2008	8.1	8.0	
10/26/2008	7.8	7.7	
10/27/2008	7.9	7.8	420
10/28/2008	8.0	7.8	
10/29/2008	8.0	7.8	
10/30/2008	8.1	7.8	
10/31/2008	8.1	8.0	
11/1/2008	8.1	7.9	
11/2/2008	8.1	7.7	
11/3/2008	7.9	7.8	420
11/4/2008	7.9	7.8	
11/5/2008	7.9	7.8	
11/6/2008	7.8	7.7	410
11/7/2008	7.7	7.6	
11/8/2008	7.6	7.5	
11/9/2008	7.7	7.6	
11/10/2008	7.9	7.8	
11/11/2008	8.1	7.8	
11/12/2008	8.1	8.0	400
11/13/2008	7.9	7.7	
11/14/2008	7.9	7.8	
11/15/2008	7.8	7.6	
11/16/2008	7.8	7.5	
11/17/2008	8.1	7.7	430
11/18/2008	8.0	7.7	
11/19/2008	7.9	7.8	
11/20/2008	7.9	7.6	
11/21/2008			410
11/22/2008			
11/23/2008			
11/24/2008			390
11/25/2008			
11/26/2008			
11/27/2008			
11/28/2008			
11/29/2008			

**Pottstown Water Treatment Plant, Schuylkill River Monitoring  
Associated with the Exelon's Wadesville Mine Demonstration Project**

<b>Date</b>	<b>pH (SU) Range**</b>		<b>Spec. Cond. (µmhos/cm)</b>
	<b>Max</b>	<b>Min</b>	
11/30/2008			
12/1/2008			
12/2/2008			400

\*\* - pH is taken every 2 hours during the day

**Chemical Analyses of Schuylkill River at Pottstown Water Treatment Plant**  
**Low Flow Sampling**

(Total concentration in mg/l unless otherwise indicated)

Constituent	Sample	7/22/2008	7/23/2008	8/25/2008	8/27/2008	9/4/2008	9/5/2008	9/23/2008	9/25/2008
	Dates>>								
River Flow (cfs)*		439	529	406	381	505	598	468	386
Iron, Total		0.08	0.25	0.08	0.13	0.18	0.14	0.12	0.09
Manganese, Total		0.048	0.158	0.055	0.051	0.083	0.058	0.072	0.078
Copper, Total		N/A	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	N/A
Total Organic Carbon		2.9	2.6	2.7	3.2	2.9	2.9	2.4	3.1
TDS		326	392	289	325	331	277	292	280

Constituent	Sample	10/9/2008	10/10/2008	10/15/2008	10/17/2008	10/22/2008	10/24/2008
	Dates>>						
River Flow (cfs)*		439	428	376	510	498	498
Iron, Total		0.17	0.08	0.09	0.09	0.13	0.09
Manganese, Total		0.069	0.045	0.060	0.066	0.046	0.038
Copper, Total		<0.01	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon		2.4	2.7	3.2	3.0	3.0	2.6
TDS		224	283	260	280	87	257

\* approximate flow at sample time

**Chemical Analyses of Wadesville Mine Pool Water  
(NPDES sampling by mine owner)**

(Total concentration in mg/l unless otherwise indicated)

<b>Constituent</b>	<b>Sample</b>					
	<b>Dates&gt;&gt;</b>	<b>4/28/2008</b>	<b>7/22/2008</b>	<b>8/22/2008</b>	<b>9/24/2008</b>	<b>10/22/2008</b>
pH (SU)		6.9	6.8	6.7	6.9	6.9
Spec. Cond. (µmhos/cm)		1,841	1,523	1,342	1,507	1,538
Iron, Total		2.83	3.26	4.41	2.47	2.93
Manganese, Total		2.14	2.45	2.65	2.07	1.95
Sulfate		792	608	616	525	448
Acidity		<0.40	<0.40	<0.40	17.28	<0.40
Alkalinity		300.5	330.9	341.3	393.0	423.2
TSS		3	9	9	<5	9

No samples for May and June

**East Branch Perkiomen Creek Monitoring**  
**Associated with the Exelon's Wadesville Mine Demonstration Project**  
(sampling frequency = 5 per month)

Sampling Date	200' Upstream of Bradshaw Outfall				Outfall from Bradshaw Reservoir				Downstream, Bucks Rd. USGS gage				EBPC at Rt. 73 Bridge			
	Diss. Oxygen	Temp	<i>E. coli</i> (mpn/100ml)	Fecal Coliforms (no./100ml)	Diss. Oxygen	Temp	<i>E. coli</i> (mpn/100ml)	Fecal Coliforms (no./100ml)	Diss. Oxygen	Temp	<i>E. coli</i> (mpn/100ml)	Fecal Coliforms (no./100ml)	Diss. Oxygen	Temp	<i>E. coli</i> (mpn/100ml)	Fecal Coliforms (no./100ml)
	(mg/l)	(°C)			(mg/l)	(°C)			(mg/l)	(°C)			(mg/l)	(°C)		
4/17/2008	11.6	10.2	21	26	9.4	11.4	4	8	11.2	12.7	22	26	13.8	13.7	12	18
4/21/2008	10.9	15.2	35	46	9.9	14.5	14	26	11.3	16.2	20	20	13.1	18.2	23	33
4/24/2008	7.9	14.8	1000	1100	8.5	16.5	5	5	9.1	17.3	10	11	11.3	18.8	41	42
5/7/2008	11.0	13.5	20	36	11.3	15.7	<1	<2	10.2	16.5	28	28	9.8	16.0	38	54
5/8/2008	8.0	16.3	23	40	11.3	16.0	5	21	9.8	16.0	93	110	8.2	18.5	61	86
5/14/2008	7.1	10.4	145	150	8.6	14.1	2	5	7.5	12.6	50	60	7.3	13.1	69	100
5/15/2008	11.6	14.6	67	78	10.9	15.6	1	13	10.2	16.3	25	31	11.2	17.8	44	64
5/21/2008	8.8	12.0	730	860	9.0	14.2	20	20	8.7	14.2	200	300	9.3	13.1	2000	3000
6/3/2008	9.9	19.7	300	340	10.0	20.3	2	5	9.6	21.9	110	110	10.1	23.8	100	140
6/11/2008	7.0	22.5	>2400	17000	7.9	26.5	3	15	7.6	26.8	650	670	8.3	28.5	85	350
6/12/2008	6.4	20.7	400	13000	7.5	26.3	3	18	6.9	26.2	60	64	7.8	25.5	14	78
6/19/2008	6.5	14.9	770	1300	8.6	23.1	3	6	7.7	22.3	46	78	8.4	18.4	160	190
6/25/2008	8.5	21.1	51	52	9.9	23.4	1	<2	9.3	25.2	310	380	9.0	26.4	8	18
7/1/2008	5.3	21.1	7	39	8.8	25.5	1	6	10.1	26.0	100	110	8.8	25.5	10	15
7/8/2008	4.4	23.0	>2400	4300	9.2	24.5	2	2	8.6	26.3	64	70	10.4	28.2	6	10
7/9/2008	4.8	23.0	500	510	8.7	25.7	2	<2	8.0	25.8	1000	1100	9.6	26.1	12	28
7/15/2008	4.1	23.3	1300	1300	10.4	25.6	<2	<1	9.7	26.0	49	58	10.6	26.6	9	48
7/28/2008	8.7	21.9	2400	2500	11.4	23.1	7	9	10.5	24.4	52	54	10.7	26.3	25	63
8/11/2008	3.6	17.7	690	700	6.1	22.6	6	13	5.8	22.7	31	34	10.4	21.8	3	34
8/12/2008	3.6	17.4	390	430	8.8	22.1	3	10	9.0	22.3	14	20	9.4	20.5	7	15
8/14/2008	3.0	20.0	340	540	9.2	23.1	<1	5	8.9	23.4	22	20	9.6	24.4	6	30
8/25/2008	2.4	20.3	130	260	8.8	25.0	3	3	8.4	25.1	31	31	9.3	23.4	12	39
8/26/2008	2.5	17.0	180	280	8.6	24.3	2	5	8.3	23.8	13	15	8.1	20.2	13	50

**Exelon Nuclear**

Sampling Date	200' Upstream of Bradshaw Outfall				Outfall from Bradshaw Reservoir				Downstream, Bucks Rd. USGS gage				EBPC at Rt. 73 Bridge			
	Diss. Oxygen	Temp	<i>E. coli</i>	Fecal Coliforms	Diss. Oxygen	Temp	<i>E. coli</i>	Fecal Coliforms	Diss. Oxygen	Temp	<i>E. coli</i>	Fecal Coliforms	Diss. Oxygen	Temp	<i>E. coli</i>	Fecal Coliforms
	(mg/l)	(°C)	(mpn/100ml)	(no./100ml)	(mg/l)	(°C)	(mpn/100ml)	(no./100ml)	(mg/l)	(°C)	(mpn/100ml)	(no./100ml)	(mg/l)	(°C)	(mpn/100ml)	(no./100ml)
9/2/2008	4.2	18.2	440	460	13.7	23.2	1	2	12.9	23.9	39	46	12.1	24.9	10	19
9/9/2008	4.7	19.7	1200	1200	10.5	24.2	11	10	10.7	24.1	40	44	9.9	21.1	870	910
9/11/2008	3.8	16.2	610	780	8.8	22.5	4	5	8.2	22.4	31	33	7.5	19.0	52	58
9/18/2008	4.0	14.3	520	530	9.7	22.1	16	21	8.9	21.4	26	26	10.5	17.4	30	33
9/23/2008	3.8	13.8	76	76	9.1	20.2	<1	5	9.0	20.3	14	15	10.3	17.8	40	66
10/8/2008	10.3	10.3	140	160	9.2	16.1	160	280	10.6	16.0	58	120	13.2	12.2	36	50
10/9/2008	8.3	14.2	100	110	10.0	15.9	200	330	10.8	16.4	140	200	13.1	15.5	28	28
10/13/2008	8.5	11.6	82	82	11.4	16.9	380	370	11.9	17.0	430	400	14.1	14.0	100	96
10/14/2008	8.3	13.1	53	94	11.1	16.5	1200	2400	12.0	16.9	770	1500	14.0	15.1	52	84
10/15/2008	5.3	13.9	30	31	10.0	17.4	300	1200	10.7	17.5	300	740	12.4	16.5	25	90
11/12/2008	11.4	8.0	23	23	9.7	10.5	130	190	10.3	11.2	66	70	12.6	8.2	23	31
11/19/2008	N/A	3.2	110	130	N/A	8.8	410	480	N/A	7.7	290	290	N/A	3.8	110	90
11/20/2008	12.2	3.8	180	190	11.1	8.1	250	400	11.8	7.1	120	200	13.6	3.9	57	58
11/24/2008	13.3	1.2	60	70	12.9	4.1	210	270	13.1	3.9	160	220	14.2	1.3	32	33
11/25/2008	11.9	4.5	>2400	7500	13.6	4.2	260	330	13.2	4.3	>2400	3500	13.4	4.7	190	620
12/11/2008	12.6	5.0			14.9	3.97			13.4	4.9			13.0	6.0		

Table 4.1-2. Monthly water quality measurements of Wadesville Mine Pool  
 Water collected from the pump discharge.

<b>Sample Date</b>	<b>4/30/08</b>	<b>5/31/08</b>	<b>6/28/08</b>	<b>7/24/08</b>	<b>8/24/08</b>	<b>9/29/08</b>	<b>10/25/08</b>	<b>11/26/08</b>
<b>Constituent<sup>1</sup></b>								
Total Organic Carbon	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.6	<0.5
TDS	1,379	1,384	1,301	1,118	998	1,057	1,210	1,012
Dissolved Oxygen	7.3	7.4	7.7	7.1	7.6	6.9	9.6	6.9
Spec. Cond. (µmhos/cm)	1,665	1,708	1,425	1,481	1,603	1,695	1,701	1,433
pH (SU)	6.85	6.88	6.83	6.86	6.76	6.80	6.83	6.98
Temp (°C)	13.7	13.9	14.0	13.9	13.9	13.9	13.9	13.9

<sup>1</sup>Total concentration in mg/l unless otherwise indicated.

## Chemical Analyses of Still Creek and Little Schuylkill River

(Concentration in mg/l unless otherwise indicated)

Little Schuylkill River - Route 54 - Just below PA Route 54 Bridge

Little Schuylkill River - Upstream - Just below SR1020 Bridge

Still Creek - Upstream of PA Route 309 Bridge

Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
<b>4/30/2008</b>			
Total Dissolved Solids	109	52	<5
Total Alkalinity	<2	8	10
Dissolved Oxygen	10.7	10.6	8.9
Spec. Cond. (µmhos/cm)	205	133	33
pH (SU)	4.70	6.52	6.01
Temp (°C)	8.7	9.1	14.0
<b>5/29/2008</b>			
Total Dissolved Solids	133	90	22
Total Alkalinity	<2	2	8
Dissolved Oxygen	9.8	11.0	9.0
Spec. Cond. (µmhos/cm)	203	130	33
pH (SU)	4.21	6.07	6.32
Temp (°C)	9.8	10.9	17.0
<b>6/27/2008</b>			
Total Dissolved Solids	126	46	24
Total Alkalinity	<2	8	6
Dissolved Oxygen	11.2	10.7	10.2
Spec. Cond. (µmhos/cm)	183	51	21
pH (SU)	4.81	5.92	6.62
Temp (°C)	13.1	15.2	13.7
<b>7/24/2008</b>			
Total Dissolved Solids	174	98	55
Total Alkalinity	<2	6	15
Dissolved Oxygen	10.4	9.1	9.7
Spec. Cond. (µmhos/cm)	241	190	66
pH (SU)	4.31	5.06	5.62
Temp (°C)	15.4	18.5	16.2

<b>Sampling Date, Constituents</b>	<b>Little Schuylkill River - Upstream</b>	<b>Little Schuylkill River - Route 54</b>	<b>Still Creek</b>
<b>8/28/2008</b>			
Total Dissolved Solids	212	131	39
Total Alkalinity	<2	7	18
Dissolved Oxygen	10.8	9.7	8.9
Spec. Cond. ( $\mu$ mhos/cm)	333	213	71
pH (SU)	5.14	5.31	6.63
Temp ( $^{\circ}$ C)	12.3	14.3	14.0
<b>Sampling Date, Constituents</b>	<b>Little Schuylkill River - Upstream</b>	<b>Little Schuylkill River - Route 54</b>	<b>Still Creek</b>
<b>9/30/2008</b>			
Total Dissolved Solids	125	35	49
Total Alkalinity	2	4	8
Dissolved Oxygen	10.5	9.5	7.6
Spec. Cond. ( $\mu$ mhos/cm)	267	105	35
pH (SU)	4.51	5.24	5.70
Temp ( $^{\circ}$ C)	11.7	15.3	17.6
<b>Sampling Date, Constituents</b>	<b>Little Schuylkill River - Upstream</b>	<b>Little Schuylkill River - Route 54</b>	<b>Still Creek</b>
<b>10/31/2008</b>			
Total Dissolved Solids	111	84	26
Total Alkalinity	2	8	14
Dissolved Oxygen	11.0	11.8	9.5
Spec. Cond. ( $\mu$ mhos/cm)	293	237	91
pH (SU)	4.51	6.26	5.74
Temp ( $^{\circ}$ C)	7.6	6.2	6.5
<b>Sampling Date, Constituents</b>	<b>Little Schuylkill River - Upstream</b>	<b>Little Schuylkill River - Route 54</b>	<b>Still Creek</b>
<b>11/28/2008</b>			
Total Dissolved Solids	135	37	20
Total Alkalinity	<2	2	8
Dissolved Oxygen	10.7	11.4	10.9
Spec. Cond. ( $\mu$ mhos/cm)	337	194	42
pH (SU)	5.24	6.00	6.65
Temp ( $^{\circ}$ C)	6.0	4.7	5.4

**Chemical Analyses of E. Norwegian Creek and Schuylkill River**

(Concentration in mg/l unless otherwise indicated)

Station 109 = ~ 3 mi. downstream of Norwegian Creek

Station 106 = ~ 0.5 mi. upstream of Norwegian Creek

<b>Sampling Date, Constituents</b>	<b>Schuylkill River at Station 109</b>	<b>E. Norwegian Creek</b>	<b>Schuylkill River at Station 106</b>
<b>4/30/2008</b>			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	11.2	9.7	10.9
Spec. Cond. ( $\mu\text{mhos/cm}$ )	477	1,437	333
pH (SU)	6.73	7.00	6.84
Temp ( $^{\circ}\text{C}$ )	9.4	12.0	8.3
<b>5/29/2008</b>			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	9.3	10.9	10.0
Spec. Cond. ( $\mu\text{mhos/cm}$ )	307	399	294
pH (SU)	7.17	6.71	6.71
Temp ( $^{\circ}\text{C}$ )	11.3	10.9	10.0
<b>6/10/2008</b>			
Total Dissolved Solids	265	388	218
Total Alkalinity	22	70	14
Dissolved Oxygen	9.4	9.2	9.3
Spec. Cond. ( $\mu\text{mhos/cm}$ )	322	433	301
pH (SU)	6.58	7.60	6.60
Temp ( $^{\circ}\text{C}$ )	19.0	18.6	18.5
<b>7/24/2008</b>			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	8.2	8.8	8.1
Spec. Cond. ( $\mu\text{mhos/cm}$ )	578	1,370	390
pH (SU)	6.89	7.01	6.84
Temp ( $^{\circ}\text{C}$ )	20.9	16.2	19.6
<b>8/28/2008</b>			
Total Dissolved Solids	532	967	361
Total Alkalinity	130	346	20
Dissolved Oxygen	11.0	10.3	10.4
Spec. Cond. ( $\mu\text{mhos/cm}$ )	844	1,529	530
pH (SU)	6.63	7.29	6.50
Temp ( $^{\circ}\text{C}$ )	17.1	14.5	15.8
<b>9/30/2008</b>			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	9.6	9.4	9.8
Spec. Cond. ( $\mu\text{mhos/cm}$ )	474	799	425
pH (SU)	6.97	7.01	6.28
Temp ( $^{\circ}\text{C}$ )	16.0	14.7	14.2

\* taken only during months of biological sampling

<b>Sampling Date, Constituents</b>	<b>Schuylkill River at Station 109</b>	<b>E. Norwegian Creek</b>	<b>Schuylkill River at Station 106</b>
<b>10/31/2008</b>			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	11.0	10.5	11.4
Spec. Cond. (µmhos/cm)	490	718	420
pH (SU)	7.91	7.47	7.22
Temp (°C)	9.3	9.3	7.8
<b>11/28/2008</b>			
Total Dissolved Solids	346	923	116
Total Alkalinity	64	354	68
Dissolved Oxygen	13.0	10.2	12.7
Spec. Cond. (µmhos/cm)	693	1,101	414
pH (SU)	6.08	6.53	5.78
Temp (°C)	6.8	11.6	5.2

\* taken only during months of biological sampling

## Aquatic Habitat Observations of Little Schuylkill River

Performed During Visits to Download Temperature Monitoring Data

Date*	Site	p-chems				Comments/Observation
		Dissoved Oxygen (mg/l)	Spec. Cond. (µmhos/cm)	Temp. (°C)	pH (SU)	
30-Apr	Little Schuylkill River - Tamaqua	10.7	134	9.4	5.54	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Route 54	10.6	133	9.1	6.52	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Upstream	10.7	205	8.7	4.70	water clear, rocky bottom, green algal growth, iron staining, normal flow
	Still Creek	8.9	33	14.0	6.01	water clear, no algal growth, normal flow, nothing abnormal
29-May	Little Schuylkill River - Tamaqua	10.3	113	14.5	6.95	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Route 54	11.0	130	10.9	6.07	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Upstream	9.8	203	9.8	4.21	water clear, rocky bottom, thick green algal growth, iron staining, norm flow
	Still Creek	9.0	33	17.0	6.32	water clear, no algal growth, normal flow, nothing abnormal
27-Jun	Little Schuylkill River - Tamaqua	10.6	57	16.5	6.81	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Route 54	10.7	51	15.2	5.92	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Upstream	11.2	183	11.2	4.81	water clear, rocky bottom, thick green algal growth, iron staining, low flow
	Still Creek	10.2	21	13.7	6.62	water clear, no algal growth, reservoir releasing, nothing abnormal
24-Jul	Little Schuylkill River - Tamaqua	8.5	145	19.2	6.41	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Route 54	9.1	190	18.5	5.06	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Upstream	10.4	241	15.4	4.31	water clear, rocky bottom, no algal growth, iron staining, low flow
	Still Creek	9.7	66	16.2	5.62	water clear, no algal growth, low flow, nothing abnormal
28-Aug	Little Schuylkill River - Tamaqua	9.2	187	14.7	6.72	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Route 54	9.7	213	14.3	5.31	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Upstream	10.8	333	12.3	5.14	water clear, rocky bottom, no algal growth, iron staining, low flow
	Still Creek	8.9	71	14.0	6.63	water clear, no algal growth, low flow, nothing abnormal
30-Sep	Little Schuylkill River - Tamaqua	8.4	94	15.1	6.98	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Route 54	9.5	105	15.3	5.24	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Upstream	10.5	267	11.7	4.51	water clear, rocky bottom, no algal growth, iron staining, normal flow
	Still Creek	7.6	35	17.6	5.70	water clear, no algal growth, low flow, nothing abnormal

Date*	Site	p-chems				Comments/Observation
		Dissoved Oxygen (mg/l)	Spec. Cond. (µmhos/cm)	Temp. (°C)	pH (SU)	
31-Oct	Little Schuylkill River - Tamaqua	11.4	175	6.7	7.22	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Route 54	9.5	105	15.3	5.24	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Upstream	11.0	293	7.6	4.51	water clear, rocky bottom, no algal growth, iron staining, normal flow
	Still Creek	9.5	91	6.5	5.74	water clear, no algal growth, low flow, nothing abnormal
28-Nov	Little Schuylkill River - Tamaqua	12.0	173	3.9	6.36	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Route 54	11.4	194	4.7	6.00	water clear, rocky bottom, no algal growth, normal flow, nothing abnormal
	Little Schuylkill River - Upstream	10.7	337	6.0	5.24	water clear, rocky bottom, no algal growth, iron staining, normal flow
	Still Creek	10.9	42	5.4	6.65	water clear, no algal growth, mod flow, nothing abnormal

Little Schuylkill River - Route 54 - Just below PA Route 54 Bridge

Little Schuylkill River - Upsteam - Just below SR1020 Bridge

Still Creek - Upstream of PA Route 309 Bridge

**Chemical Analyses of Schuylkill River at Pennsylvania American Water Company**

**TDS Sampling**

(Total concentration in mg/l unless otherwise indicated)

Constituent	Sample	4/25/2008	5/11/2008	6/9/2008	7/7/2008	7/21/2008	8/21/2008	8/25/2008	9/2/2008	9/22/2008	10/7/2008
	Dates>>										
River Flow, Pottstown (cfs)		1,250	1,670	1,050	702	509	427	420	390	512	472
TDS		188	158	205	252	269	366	316	272	310	238
Dissolved Oxygen		10.7	10.2	8.0	7.1	9.3	12.4	8.4	12.8	13.1	12.8
Spec. Cond. (µmhos/cm)		330	256	319	381	440	395	429	416	365	418
pH (SU)		8.53	7.87	7.32	7.74	8.24	8.87	8.11	8.75	8.36	8.67
Temp (°C)		18.0	15.6	28.5	24.2	30.2	23.0	24.9	25.5	20.3	15.2

Constituent	Sample	10/13/2008	10/20/2008	11/3/2008	11/10/2008	12/12/2008
	Dates>>					
River Flow, Pottstown (cfs)		398	465	796	513	13,700
TDS		260	262	208	247	
Dissolved Oxygen		10.4	9.5	10.2	11.2	10.6
Spec. Cond. (µmhos/cm)		346	354	244	338	187
pH (SU)		8.53	7.98	7.83	7.95	7.2
Temp (°C)		16.4	11.2	9.7	11.5	5.2

**Monthly Perkiomen Creek Monitoring**

Associated with the Exelon's Wadesville Mine Demonstation Project

***Perkiomen Creek upstream of East Branch confluence, Rt 73 Bridge Schwenksville***

Sampling Date	Disolved			
	Oxygen (mg/l)	Temp (°C)	<i>E. coli</i> (mpn/100ml)	Fecal Coliforms (no./100ml)
17-Apr	13.4	13.5	14	21
8-May	8.5	18.4	57	120
3-Jun	10.0	22.5	200	210
1-Jul	8.6	24.4	34	150
11-Aug	9.9	21.6	360	900
2-Sep	12.7	25.0	61	230
8-Oct	11.6	13.9	73	110
12-Nov	12.7	9.1	47	52
11-Dec	13.9	4.9		

***Perkiomen Creek downstream of East Branch confluence, Grateford Intake Pumphouse***

Sampling Date	Disolved			
	Oxygen (mg/l)	Temp (°C)	<i>E. coli</i> (mpn/100ml)	Fecal Coliforms (no./100ml)
17-Apr	14.3	13.8	5	6
8-May	8.4	18.2	91	120
3-Jun	10.6	23.0	290	350
1-Jul	7.0	23.9	14	120
11-Aug	10.8	21.7	180	250
2-Sep	14.9	23.9	8	58
8-Oct	11.0	13.0	84	240
12-Nov	11.0	8.1	36	50
11-Dec	13.4	5.4		

Fish collected by electrofishing at Schuylkill River Station 109 downstream of the Norwegian Creek confluence during 2008.

Sampling Date:		June 10		August 28		November 06	
Scientific Name	Common Name	Total No.	Length Range (mm)	Total No.	Length Range (mm)	Total No.	Length Range (mm)
<i>Salvelinus fontinalis</i>	brook trout (wild)	2	65-200	2	101-116	1	164
<i>Onchorynchus mykiss</i>	rainbow trout (stocked)	* 103	79-305	79	130-356	31	161-440
<i>Salmo trutta</i>	brown trout (stocked)	3	230-430	6	165-251	7	235-571
<i>Rhinichthys atratulus</i>	blacknose dace	* 320	40-84	* 548	24-83	* 204	33-88
<i>Semotilus corporalis</i>	fallfish	2	212-232	6	11-265	1	135
<i>Semotilus atromaculatus</i>	creek chub			14	46-160	11	47-166
<i>Catostomus commersoni</i>	white sucker	* 627	60-394	* 784	30-372	* 466	48-438
<i>Ameiurus nebulosus</i>	brown bullhead	6	139-166	6	110-180	3	112-191
<i>Lepomis cyanellus</i>	green sunfish	6	40-93	19	66-131	11	80-125
<i>Lepomis macrochirus</i>	bluegill			5	63-121		
<i>Lepomis gibbosus</i>	pumpkinseed			4	101-116		
<i>Lepomis spp.</i>	sunfish hybrid			2	105-118	2	109-110
<i>Esox miger</i>	chain pickerel					1	450
<i>Etheostoma olmstedi</i>	tessellated darter	21	50-70	34	34-81	14	46-75
<i>Perca flavescens</i>	yellow perch			4	80-140		
Total Species:		9		13		12	
Total Individuals:		1090		1513		752	
Physicochemical data:							
	Time:	8:10		08:32		0912	
	Water Temp (C):	19.0		17.1		13.0	
	DO (mg/l):	9.4		11		9.6	
	pH:	6.58		6.63		6.6	
	Specific Conductance (µmhos/cm):	322		844		403	

\*100 measured

Fish collected by electrofishing at Schuylkill River Station 106 upstream of the Norwegian Creek confluence during 2008.

Sampling Date:		June 10		August 28		November 06	
Scientific Name	Common Name	Total No.	Length Range (mm)	Total No.	Length Range (mm)	Total No.	Length Range (mm)
<i>Salvelinus fontinalis</i>	brook trout			1	271	3	166-262
<i>Salmo trutta</i>	brown trout (stocked)	1	375				
<i>Rhinichthys atratulus</i>	blacknose dace	* 231	39-73	* 419	34-86	* 317	31-77
<i>Semotilus atromaculatus</i>	creek chub	64	41-155	93	21-173	* 415	39-145
<i>Notemigonus crysoleucas</i>	golden shiner			1	121		
<i>Catostomus commersoni</i>	white sucker	74	44-420	* 277	36-280	* 381	37-285
<i>Ameiurus nebulosus</i>	brown bullhead			1	231	1	176
<i>Lepomis cyanellus</i>	green sunfish	20	42-113	46	56-145	64	66-162
<i>Lepomis macrochirus</i>	bluegill	1	44				
<i>Etheostoma olmstedii</i>	tessellated darter					3	40-81
Total Species:		6		7		7	
Total Individuals:		391		838		1184	
Physicochemical data							
	Time:	11:45		11:30		0:00	
	Water Temp (C):	18.5		15.8		13.2	
	DO (mg/l):	9.3		10.4		9.9	
	pH:	6.60		6.50		6.40	
	Specific Conductance (µmhos/cm):	301		530		356	

\*only 100 measured

Benthic macroinvertebrates collected at Schuylkill River Station 109 downstream of the Norwegian Creek confluence during 2008.

Taxon	Sample Date:	10-Jun	28-Aug	6-Nov
Nematoda (round worms)		160	6	12
Hydrachnidia			6	4
Hoplonemertea (proboscus worm)				33
<i>Prostoma</i>				
Lumbricida (earthworms)				
Lumbricidae		32		
Tubificida (tube worms)				
Enchytraeidae		64		
Naididae		1216		
Amphipoda (sideswimmers)				
<i>Caecidotea</i>				
<i>Crangonyx</i>		6	66	7
Basommatophora				
<i>Physa</i>				1
Isopoda (sowbugs)				
<i>Caecidotea</i>		20	109	3
Ephemeroptera (mayflies)				
<i>Acentrella</i>		7	2	1
<i>Baetis</i>		62	78	
Megaloptera (fishflies)				
<i>Sialis</i>		1		
Oligochaeta (worms)			120	37
Trichoptera (caddisflies)				
<i>Cheumatopsyche</i>		3	2	8
<i>Glossosoma</i>				2
<i>Hydropsyche</i>		8	96	344
Coleoptera (beetles)				
<i>Optioservus</i>		1	2	
Diptera (true flies)				
<i>Antocha</i>			2	3
Chironomidae		1664	228	102
Dicranota			1	
Hemerodromia			3	5
<i>Hexatoma</i>		1		
<i>Ormosia</i>		1		
<i>Simulium</i>		5	3	
Veneroida				
<i>Pisidium</i>			2	
<b>Total Taxa</b>		<b>16</b>	<b>16</b>	<b>14</b>
<b>Total Individuals</b>		<b>3251</b>	<b>726</b>	<b>562</b>

**Benthic macroinvertebrates collected at Schuylkill River Station 106 upstream of the  
Norwegian Creek confluence during 2008.**

Sample Date:	10-Jun	28-Aug	6-Nov
Taxon			
Nematoda (round worms)	2	17	6
Hydrachnidia		7	
Hoplonemertea (proboscus worm)			
<i>Prostoma</i>			23
Tubificida (tube worms)			
Naididae	2		
<i>Enchytraeidae</i>	5		
Amphipoda (sideswimmers)			
<i>Crangonyx</i>		7	
<i>Stygonectes</i>			
<i>Hydrachnidae</i>			
Coleoptera			
<i>Optioservus</i>		3	
<i>Stenelmis</i>			1
Decapoda			
<i>cambarus</i>		2	
Ephemeroptera (mayflies)			
<i>Acentrella</i>		2	
<i>Baetis</i>		29	
Megaloptera (dobsonflies)			
<i>Nigronia</i>		3	5
Oligochaeta (worms)		6	7
Trichoptera (caddisflies)			
<i>Cheumatopsyche</i>		39	24
<i>Dolophilodes</i>		1	
<i>Hydropsyche</i>	6	928	504
<i>Lepidostoma</i>	1		
Diptera (true flies)			
<i>Antocha</i>		2	
Chironomidae	353	832	45
<i>Dicranota</i>	2	4	
<i>Hemerodromia</i>		5	18
<i>Palpomyia gr.</i>	1		1
<i>Psychoda</i>	2		
<i>Simulium</i>		1	
<i>Tipula</i>	1		5
<b>Total Taxa</b>	<b>10</b>	<b>17</b>	<b>11</b>
<b>Total Individuals</b>	<b>375</b>	<b>1888</b>	<b>639</b>