

Wadesville Mine Water Data - Daily Log Summary

(Mine Pool Level = Distance from Ground Level to Water Surface)

Date	Totalized Flow (Million Gallons)	Daily Flow (MG)	Specific Conductance (µmhos/cm)	Mine Pool Level (Feet)
7/15/2007	474.39	0.00	-	-
7/16/2007	480.04	5.65	1473	476.11
7/17/2007	484.10	4.06	1473	476.57
7/18/2007	492.04	7.93	1473	476.26
7/19/2007	500.14	8.10	1378	478.87
7/20/2007	503.48	3.34	1361	480.89
7/21/2007	506.32	2.84	-	-
7/22/2007	512.26	5.94	-	-
7/23/2007	520.30	8.04	1134	480.42
7/24/2007	528.20	7.90	1373	483.05
7/25/2007	536.08	7.88	1352	485.00
7/26/2007	543.90	7.82	1335	487.07
7/27/2007	551.70	7.80	1328	488.90
7/28/2007	559.40	7.70	-	489.90
7/29/2007	563.11	3.71	-	490.90
7/30/2007	570.92	7.81	1322	491.49
7/31/2007 A	570.92	0.00	1333	493.58
8/1/2007 A	570.92	0.00	-	-
8/2/2007 A	570.92	0.00	-	-
8/3/2007 A	570.92	0.00	-	-
8/4/2007 A	570.92	0.00	-	-
8/5/2007 A	570.92	0.00	-	-
8/6/2007	578.86	7.94	-	-
8/7/2007	586.67	7.81	1420	488.11
8/8/2007	594.43	7.76	1386	490.20
8/9/2007	602.13	7.71	1364	492.66
8/10/2007	609.76	7.63	1353	494.76
8/11/2007	617.36	7.60	-	-
8/12/2007	625.01	7.65	-	-
8/13/2007	632.59	7.58	1320	501.76
8/14/2007	640.14	7.55	1313	504.20
8/15/2007	647.72	7.58	1312	506.53
8/16/2007	655.37	7.65	1316	509.04
8/17/2007	663.02	7.65	1321	511.56
8/18/2007	670.62	7.60	-	-
8/19/2007	678.15	7.53	-	-
8/20/2007	685.70	7.55	1371	521.69
8/21/2007 A	686.76	1.06	1371	524.13
8/22/2007 A	686.76	0.00	-	-
8/23/2007 A	686.76	0.00	-	-
8/24/2007 A	686.76	0.00	-	-
8/25/2007 A	686.76	0.00	-	-

A = Release stopped

B = Conductivity Meter Failed

Date	Totalized		Specific Conductance (µmhos/cm)	Mine Pool Level (Feet)
	Flow (Million Gallons)	Daily Flow (MG)		
8/26/2007 A	686.76	0.00	-	-
8/27/2007 A	686.76	0.00	-	-
8/28/2007 A	686.76	0.00	-	-
8/29/2007 A	686.76	0.00	-	-
8/30/2007 A	686.76	0.00	-	-
8/31/2007 A	686.76	0.00	-	-
9/1/2007 A	686.76	0.00	-	-
9/2/2007 A	686.76	0.00	-	-
9/3/2007	686.76	0.00	-	-
9/4/2007 B	693.56	6.80	1371	503.03
9/5/2007 B	701.30	7.74	1371	506.06
9/6/2007 B	708.96	7.66	1371	509.14
9/7/2007 B	716.39	7.43	1371	512.01
9/8/2007 B	723.83	7.44	-	-
9/9/2007 B	731.27	7.44	-	-
9/10/2007 B	738.66	7.39	1371	520.09
9/11/2007	746.00	7.34	1371	522.37
9/12/2007	753.29	7.29	1580	525.00
9/13/2007	760.51	7.21	1565	527.40
9/14/2007	767.60	7.10	1561	529.37
9/15/2007	774.70	7.10	-	-
9/16/2007	781.81	7.11	-	-
9/17/2007	788.80	6.99	1531	535.67
9/18/2007	795.80	7.00	1533	537.60
9/19/2007	802.68	6.88	1539	539.41
9/20/2007	809.54	6.86	1537	541.31
9/21/2007	816.30	6.76	1538	543.33
9/22/2007	823.09	6.79	-	-
9/23/2007	829.85	6.76	-	-
9/24/2007	836.60	6.75	1520	550.19
9/25/2007	843.32	6.72	1501	552.33
9/26/2007	847.61	4.29	1463	554.43
9/27/2007	853.74	6.13	1536	-
9/28/2007	860.36	6.62	1565	-
9/29/2007	866.97	6.61	-	-
9/30/2007	873.59	6.62	-	-
10/1/2007	880.14	6.55	1573	565.00
10/2/2007	886.72	6.58	1577	-
10/3/2007	893.21	6.49	1584	-
10/4/2007	899.78	6.57	1625	-
10/5/2007	906.50	6.72	1688	-
10/6/2007 A	906.50	0.00	1662	569.00
10/7/2007 A	906.50	0.00	-	-
10/8/2007 A	906.50	0.00	-	-
10/9/2007 A	906.50	0.00	-	-
10/10/2007 A	906.50	0.00	-	-
10/11/2007	911.31	4.82		

A = Release stopped

B = Conductivity Meter Failed

Date	Totalized		Specific Conductance (µmhos/cm)	Mine Pool Level (Feet)
	Flow (Million Gallons)	Daily Flow (MG)		
10/12/2007	917.81	6.50	1733	-
10/13/2007	924.31	6.50	-	-
10/14/2007	930.81	6.50	-	-
10/15/2007	937.27	6.47	1547	575.00
10/16/2007	943.69	6.42	1571	-
10/17/2007	950.11	6.42	1595	-
10/18/2007	956.52	6.41	1621	-
10/19/2007	962.52	6.00	1638	583.79
10/20/2007	968.52	6.00	-	-
10/21/2007	975.79	7.27	-	-
10/22/2007	982.31	6.52	1681	-
10/23/2007	988.80	6.48	1684	-
10/24/2007	994.73	5.93	1681	-
10/25/2007	995.81	1.08	-	587.00
10/26/2007 A	995.81	0.00	-	-
10/27/2007 A	995.81	0.00	-	-
10/28/2007 A	995.81	0.00	-	-
10/29/2007 A	995.81	0.00	-	-
10/30/2007 A	995.81	0.00	-	-
10/31/2007 A	995.81	0.00	-	-
11/1/2007 A	995.81	0.00	-	-
11/2/2007 A	995.81	0.00	-	-
11/3/2007 A	995.81	0.00	-	-
11/4/2007 A	995.81	0.00	-	-
11/5/2007 A	995.81	0.00	-	-
11/6/2007 A	995.81	0.00	-	-
11/7/2007 A	995.81	0.00	-	-
11/8/2007 A	995.81	0.00	-	-
11/9/2007 A	995.81	0.00	-	-
11/10/2007 A	995.81	0.00	-	-
11/11/2007 A	995.81	0.00	-	-
11/12/2007 A	995.81	0.00	-	570.00
11/13/2007 A	995.81	0.00	-	-
11/14/2007 A	995.81	0.00	-	-
11/15/2007 A	995.81	0.00	-	-
11/16/2007 A	995.81	0.00	-	-
11/17/2007 A	995.81	0.00	-	-
11/18/2007 A	995.81	0.00	-	-
11/19/2007 A	995.81	0.00	-	-
11/20/2007 A	995.81	0.00	-	-
11/21/2007 A	995.81	0.00	-	-
11/22/2007 A	995.81	0.00	-	-
11/23/2007 A	995.81	0.00	-	-
11/24/2007 A	995.81	0.00	-	-
11/25/2007 A	995.81	0.00	-	-
11/26/2007 A	995.81	0.00	-	-

A = Release stopped

B = Conductivity Meter Failed

**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)
5/15/2007	4094.9	0.0	-	-
5/16/2007	4108.9	14.0	-	1182.00
5/17/2007	4126.7	17.8	-	1181.95
5/18/2007	4145.0	18.3	-	1181.80
5/19/2007	4161.8	16.8	-	1181.70
5/20/2007	4174.9	13.1	-	1181.60
5/21/2007	4192.4	17.5	-	1181.50
5/22/2007 A	4192.4	0.0	-	1181.35
5/23/2007	4192.4	0.0	-	-
5/24/2007	4204.0	11.6	-	1181.30
5/25/2007	4219.5	15.5	-	1181.25
5/26/2007	4235.6	16.1	-	1181.10
5/27/2007	4252.8	17.2	-	1181.00
5/28/2007	4271.4	18.6	-	1180.80
5/29/2007 A	4271.4	0.0	-	1180.65
5/30/2007 A	4271.4	0.0	-	-
5/31/2007 A	4271.4	0.0	-	-
6/1/2007 A	4271.4	0.0	-	-
6/2/2007 A	4271.4	0.0	-	-
6/3/2007 A	4271.4	0.0	-	-
6/4/2007 A	4271.4	0.0	-	-
6/5/2007 A	4271.4	0.0	-	-
6/6/2007 A	4271.4	0.0	-	-
6/7/2007 A	4271.4	0.0	-	-
6/8/2007 A	4271.4	0.0	-	-
6/9/2007 A	4271.4	0.0	-	-
6/10/2007 A	4271.4	0.0	-	-
6/11/2007 A	4271.4	0.0	-	-
6/12/2007 A	4271.4	0.0	-	-
6/13/2007 A	4271.4	0.0	-	-
6/14/2007 A	4271.4	0.0	-	-
6/15/2007 A	4271.4	0.0	-	-
6/16/2007 A	4271.4	0.0	-	-
6/17/2007 A	4271.4	0.0	-	-
6/18/2007 A	4271.4	0.0	-	-
6/19/2007 A	4271.4	0.0	-	-
6/20/2007 A	4271.4	0.0	-	-
6/21/2007 A	4271.4	0.0	-	-
6/22/2007 A	4271.4	0.0	-	-
6/23/2007 A	4271.4	0.0	-	-
6/24/2007 A	4271.4	0.0	-	-

A - release stopped

B - Intergrater issue resulted in repair

Date		Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
6/25/2007	A	4271.4	0.0	-	-
6/26/2007	A	4271.4	0.0	-	-
6/27/2007	A	4271.4	0.0	-	-
6/28/2007	A	4271.4	0.0	-	-
6/29/2007	A	4271.4	0.0	-	-
6/30/2007	A	4271.4	0.0	-	-
7/1/2007	A	4271.4	0.0	-	-
7/2/2007		4271.4	0.0	-	-
7/3/2007		4286.3	14.9	8.6	1181.30
7/4/2007		4298.8	12.5	-	1181.20
7/5/2007		4313.2	14.4	-	1181.05
7/6/2007	A	4313.2	0.0	-	1180.90
7/7/2007	A	4313.2	0.0	-	-
7/8/2007	A	4313.2	0.0	-	-
7/9/2007	A	4313.2	0.0	-	-
7/10/2007	A	4313.2	0.0	-	-
7/11/2007	A	4313.2	0.0	-	-
7/12/2007	A	4313.2	0.0	-	-
7/13/2007		4313.2	0.0	-	-
7/14/2007		4328.6	15.4	-	1180.50
7/15/2007		4345.0	16.4	-	1180.20
7/16/2007		4364.4	19.4	-	1180.50
7/17/2007		4395.9	31.5	-	1180.30
7/18/2007		4429.4	33.5	-	1180.00
7/19/2007		4468.1	38.7	-	1179.70
7/20/2007		4477.0	8.9	9.8	1179.40
7/21/2007		4482.8	5.8	-	1179.20
7/22/2007		4492.8	10.0	-	1179.05
7/23/2007		4502.0	9.2	-	1178.90
7/24/2007		4511.9	9.9	-	1178.70
7/25/2007		4521.9	10.0	-	1178.70
7/26/2007		4531.5	9.6	-	1178.65
7/27/2007		4541.6	10.1	9.8	1178.60
7/28/2007		4553.6	12.0	-	1178.50
7/29/2007		4565.8	12.2	-	1178.55
7/30/2007		4578.0	12.2	-	1178.35
7/31/2007	A	4578.0	0.0	-	1178.30
8/1/2007	A	4578.0	0.0	-	-
8/2/2007	B	4482.8	0.0	-	-
8/3/2007		4490.6	7.8	9.4	1178.30
8/4/2007		4500.5	9.9	-	1178.20
8/5/2007		4510.7	10.2	-	1178.05
8/6/2007		4519.8	9.1	-	1177.98
8/7/2007		4530.9	11.1	-	1177.88
8/8/2007		4543.0	12.1	-	1178.00

A - release stopped

B - Intergrater issue resulted in repair

Date	Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
8/9/2007	4555.7	12.7	-	1177.95
8/10/2007	4569.4	13.7	8.9	1177.75
8/11/2007	4581.6	12.2	-	1177.65
8/12/2007	4593.1	11.5	-	1177.50
8/13/2007	4604.3	11.2	-	1177.35
8/14/2007	4615.7	11.4	-	1177.20
8/15/2007	4627.2	11.5	-	1177.05
8/16/2007	4638.0	10.8	-	1176.90
8/17/2007	4649.1	11.1	9.0	1176.80
8/18/2007	4660.4	11.3	-	1176.70
8/19/2007	4671.7	11.3	-	1176.54
8/20/2007	4683.0	11.3	-	1176.40
8/21/2007 A	4684.5	1.5	-	1176.4
8/22/2007 A	4684.5	0.0	-	-
8/23/2007 A	4684.5	0.0	-	-
8/24/2007 A	4684.5	0.0	-	-
8/25/2007 A	4684.5	0.0	-	-
8/26/2007 A	4684.5	0.0	-	-
8/27/2007 A	4684.5	0.0	-	-
8/28/2007 A	4684.5	0.0	-	-
8/29/2007 A	4684.5	0.0	-	-
8/30/2007 A	4684.5	0.0	-	-
8/31/2007 A	4684.5	0.0	-	-
9/1/2007 A	4684.5	0.0	-	-
9/2/2007 A	4684.5	0.0	-	-
9/3/2007	4696.1	11.6	-	1176.8
9/4/2007	4707.3	11.2	-	1176.5
9/5/2007	4718.7	11.4	-	1176.4
9/6/2007	4729.5	10.8	-	1176.2
9/7/2007	4741.5	12.0	10.1	1176.1
9/8/2007	4751.1	9.6	-	1175.9
9/9/2007	4764.1	13.0	-	1175.9
9/10/2007	4777.5	13.4	-	1175.8
9/11/2007	4789.3	11.8	-	1175.7
9/12/2007	4800.5	11.2	-	1175.6
9/13/2007	4811.0	10.5	-	1175.4
9/14/2007	4816.7	5.7	9.4	1175.3
9/15/2007	4822.5	5.8	-	1175.2
9/16/2007	4828.4	5.9	-	1175.1
9/17/2007	4834.1	5.7	-	1175.0
9/18/2007	4839.8	5.7	-	1174.9
9/19/2007	4845.5	5.7	-	1174.8
9/20/2007	4851.3	5.8	-	1174.7
9/21/2007	4856.9	5.6	8.9	1174.7
9/22/2007	4862.8	5.9	-	1174.6

A - release stopped

B - Intergrater issue resulted in repair

Date	Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
9/23/2007	4868.5	5.7	-	1174.5
9/24/2007	4874.3	5.8	-	1174.4
9/25/2007	4879.9	5.6	-	1174.4
9/26/2007	4885.6	5.7	-	1174.3
9/27/2007	4891.4	5.8	-	1174.2
9/28/2007	4897.1	5.7	9.5	1174.2
9/29/2007	4902.8	5.7	-	1174.1
9/30/2007	4908.5	5.7	-	1174.1
10/1/2007	4914.2	5.7	-	1174.0
10/2/2007	4920.1	5.9	-	1173.9
10/3/2007	4925.6	5.5	-	1173.8
10/4/2007	4931.5	5.9	-	1173.7
10/5/2007	4936.9	5.4	9.3	1173.6
10/6/2007 A	4936.9	0.0	-	1173.5
10/7/2007 A	4936.9	0.0	-	-
10/8/2007 A	4936.9	0.0	-	-
10/9/2007 A	4936.9	0.0	-	-
10/10/2007 A	4936.9	0.0	-	-
10/11/2007 A	4936.9	0.0	-	-
10/12/2007 A	4936.9	0.0	-	-
10/13/2007 A	4936.9	0.0	-	-
10/14/2007 A	4936.9	0.0	-	-
10/15/2007 A	4936.9	0.0	-	-
10/16/2007 A	4936.9	0.0	-	-
10/17/2007 A	4936.9	0.0	-	-
10/18/2007 A	4936.9	0.0	-	-
10/19/2007 A	4936.9	0.0	-	-
10/20/2007 A	4936.9	0.0	-	-
10/21/2007 A	4936.9	0.0	-	-
10/22/2007 A	4936.9	0.0	-	-
10/23/2007 A	4936.9	0.0	-	-
10/24/2007 A	4936.9	0.0	-	-
10/25/2007 A	4936.9	0.0	-	-
10/26/2007 A	4936.9	0.0	-	-
10/27/2007 A	4936.9	0.0	-	-
10/28/2007 A	4936.9	0.0	-	-
10/29/2007 A	4936.9	0.0	-	-
10/30/2007 A	4936.9	0.0	-	-
10/31/2007 A	4936.9	0.0	-	-
11/1/2007 A	4936.9	0.0	-	-
11/2/2007 A	4936.9	0.0	-	-
11/3/2007 A	4936.9	0.0	-	-
11/4/2007 A	4936.9	0.0	-	-
11/5/2007 A	4936.9	0.0	-	-
11/6/2007 A	4936.9	0.0	-	-

A - release stopped

B - Intergrater issue resulted in repair

Date		Totalized Flow (Million Gallons)	Reservoir Release, Daily Flow (MG)	Weekly Dissolved Oxygen (mg/l)	Reservoir Surface Level (ft)
11/7/2007	A	4936.9	0.0	-	1175
11/8/2007	A	4936.9	0.0	-	-
11/9/2007	A	4936.9	0.0	-	-
11/10/2007	A	4936.9	0.0	-	-
11/11/2007	A	4936.9	0.0	-	-
11/12/2007		4964.2	27.3	-	1175.1
11/13/2007		4991.1	26.9	-	1174.8
11/14/2007		5005.1	14.0	-	1174.4
11/15/2007	A	5005.1	0.0	-	1174.3
11/16/2007	A	5005.1	0.0	-	-
11/17/2007	A	5005.1	0.0	-	-
11/18/2007	A	5005.1	0.0	-	-
11/19/2007	A	5005.1	0.0	-	-
11/20/2007	A	5005.1	0.0	-	-
11/21/2007	A	5005.1	0.0	-	-
11/22/2007	A	5005.1	0.0	-	-
11/23/2007	A	5005.1	0.0	-	-
11/24/2007	A	5005.1	0.0	-	-
11/25/2007	A	5005.1	0.0	-	-
11/26/2007	A	5005.1	0.0	-	-

A - release stopped

B - Intergrater issue resulted in repair

**Provisional 2007 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
	5/6/2007	271	594	1650		1770	0.00
5/7/2007	261	564	1580	1670	0.00	Eqp	Eqp
5/8/2007	250	547	1540	1630	0.00	Eqp	Eqp
5/9/2007	238	519	1490	1590	0.00	Eqp	Eqp
5/10/2007	235	506	1470	1530	0.12	Eqp	Eqp
5/11/2007	236	509	1430	1550	0.00	Eqp	Eqp
5/12/2007	219	471	1300	1490	0.01	Eqp	Eqp
5/13/2007	207	441	1200	1430	0.00	Eqp	Eqp
5/14/2007	198	414	1130	1330	0.00	Eqp	Eqp
5/15/2007	193	396	1100	1290	0.00	Eqp	Eqp
5/16/2007	195	399	1110	1320	0.11	Eqp	Eqp
5/17/2007	193	421	1160	1420	0.00	Eqp	Eqp
5/18/2007	186	395	1110	1370	0.01	Eqp	Eqp
5/19/2007	180	380	1070	1290	0.00	Eqp	Eqp
5/20/2007	181	370	994	1230	0.03	Eqp	6.5
5/21/2007	178	377	970	1170	0.00	Eqp	6.1
5/22/2007	169	344	913	1130	0.00	Eqp	5.2
5/23/2007	166	310	853	1060	0.00	Eqp	6.0
5/24/2007	162	292	798	990	0.00	8.7	7.2
5/25/2007	158	294	780	956	0.00	8.6	6.9
5/26/2007	158	294	808	943	0.16	8.6	6.4
5/27/2007	167	334	881	1010	0.04	8.7	6.5
5/28/2007	146	299	866	1180	0.00	8.2	6.3
5/29/2007	139	273	783	948	0.00	9.0	6.4
5/30/2007	134	244	730	876	0.00	8.7	7.0
5/31/2007	134	229	674	815	0.13	8.7	6.7
6/1/2007	207	387	-	1170	0.32	7.5	6.2
6/2/2007	155	342	-	1730	0.00	6.3	5.1
6/3/2007	145	281	-	1200	0.27	6.8	5.6
6/4/2007	175	401	-	1520	0.05	6.7	5.9
6/5/2007	141	327	1200	1420	0.00	7.7	5.7
6/6/2007	134	266	947	1160	0.00	8.0	6.9
6/7/2007	132	243	780	969	0.00	8.2	6.9
6/8/2007	130	234	729	864	0.04	8.0	6.6
6/9/2007	132	233	702	895	0.00	7.8	6.0
6/10/2007	133	216	755	797	0.06	7.4	5.7
6/11/2007	135	255	926	1180	0.07	6.3	4.3
6/12/2007	140	227	790	988	0.24	6.0	4.5
6/13/2007	139	281	858	995	0.01	8.2	4.7
6/14/2007	126	242	848	1030	0.00	8.0	6.4
6/15/2007	121	215	725	886	0.00	8.7	7.0
6/16/2007	114	203	683	818	0.00	8.7	7.0
6/17/2007	110	189	658	774	0.00	8.9	6.6
6/18/2007	108	176	636	742	0.01	9.1	6.6

Eqp = Equipment malfunction

* = Discontinued October through March by USGS

EXELON NUCLEAR

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
6/19/2007	111	173	628	730	0.44	9.3	6.1
6/20/2007	154	325	1230	1900	0.25		
6/21/2007	118	227	1040	1320	0.00		
6/22/2007	110	198	840	1030	0.00	8.1	6.1
6/23/2007	103	173	708	869	0.00	8.8	6.4
6/24/2007	103	161	657	777	0.00	9.1	6.8
6/25/2007	103	157	634	762	0.00	8.5	6.5
6/26/2007	100	155	618	750	0.00	9.0	6.0
6/27/2007	98	150	603	696	0.03	9.0	5.4
6/28/2007	110	178	715	835	0.12	8.1	5.1
6/29/2007	117	217	734	1110	0.00	6.3	4.4
6/30/2007	99	170	664	833	0.00	7.9	4.9
7/1/2007	95	147	580	706	0.00	8.7	5.6
7/2/2007	94	137	543	644	0.00	9.3	6.1
7/3/2007	96	134	491	592	0.00	9.8	6.0
7/4/2007	96	143	473	559	0.27	8.8	5.8
7/5/2007	142	272	1100	999	0.99	9.0	5.6
7/6/2007	110	222	1280	2670	0.00		
7/7/2007	99	169	824	1130	0.00		
7/8/2007	95	138	698	892	0.00	Eqp	0.0
7/9/2007	96	132	607	788	0.00	Eqp	0.1
7/10/2007	101	129	524	648	0.00	Eqp	6.2
7/11/2007	101	133	516	624	0.00	8.5	5.6
7/12/2007	97	129	626	683	0.00	9.7	5.6
7/13/2007	94	118	535	659	0.00	9.8	6.2
7/14/2007	96	116	488	567	0.00	10.5	6.5
7/15/2007	95	123	482	532	0.00	11.1	6.3
7/16/2007	94	140	505	528	0.00	11.3	6.1
7/17/2007	93	138	505	582	0.00	11.0	6.0
7/18/2007	92	147	491	538	0.05	10.7	5.7
7/19/2007	94	161	532	568	0.09	9.9	5.6
7/20/2007	101	189	507	629	0.08	10.0	5.0
7/21/2007	90	148	477	564	0.00	10.7	5.4
7/22/2007	88	119	416	499	0.00	12.1	5.8
7/23/2007	89	135	339	457	0.12	11.0	5.6
7/24/2007	95	158	339	468	0.00	12.0	6.1
7/25/2007	92	147	357	479	0.06	9.2	4.7
7/26/2007	90	152	335	471	0.00	11.9	4.7
7/27/2007	94	147	361	464	0.27	11.1	5.3
7/28/2007	96	188	393	571	0.00	10.1	5.0
7/29/2007	105	157	597	735	0.11	7.9	4.9
7/30/2007	100	215	671	819	1.26	8.2	5.3
7/31/2007	75	217	624	860	0.00	8.2	5.6
8/1/2007	65	145	473	675	0.00	8.1	5.7
8/2/2007	82	119	352	506	0.00	7.8	5.5
8/3/2007	82	114	331	445	0.00	7.9	5.2
8/4/2007	79	113	306	405	0.00	8.0	5.2
8/5/2007	79	117	306	378	0.00	8.7	5.5
8/6/2007	77	131	313	391	0.20	8.4	5.6
8/7/2007	70	146	346	400	0.02	8.7	5.7

Eqp = Equipment malfunction

* = Discontinued October through March by USGS

EXELON NUCLEAR

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
	8/8/2007	73	163	358		499	0.15
8/9/2007	69	166	422	485	0.02	7.4	5.0
8/10/2007	86	170	435	659	0.33	5.4	2.4
8/11/2007	70	168	429	519	0.00	7.0	4.0
8/12/2007	68	138	388	497	0.00	7.8	5.1
8/13/2007	66	134	363	441	0.00	7.8	4.8
8/14/2007	65	127	339	406	0.00	8.0	4.2
8/15/2007	65	125	333	382	0.00	8.3	5.2
8/16/2007	65	127	325	380	0.05	8.8	3.6
8/17/2007	65	129	329	373	0.00	9.8	5.0
8/18/2007	61	122	311	360	0.00	10.3	6.2
8/19/2007	65	121	313	357	0.35	9.6	7.2
8/20/2007	95	156	397	503	1.00	8	6.7
8/21/2007	219	443	886	1190	1.64	7.8	7.1
8/22/2007	141	462	1430	1880	0.03	8.2	7.5
8/23/2007	85	227	873	1320	0.00	9	7.9
8/24/2007	77	177	501	782	0.01	8.9	7.4
8/25/2007	108	165	414	599	1.02	9.1	6.8
8/26/2007	222	559	1320	1180	0.03	8.8	6.6
8/27/2007	96	293	1060	1530	0.00	8.6	6.5
8/28/2007	84	216	639	934	0.00	10.0	7.6
8/29/2007	79	182	476	681	0.00	9.3	7.4
8/30/2007	76	165	427	582	0.00	8.9	5.8
8/31/2007	73	152	410	549	0.00	8.4	5.2
9/1/2007	73	141	379	510	0.00	9.1	5.6
9/2/2007	73	138	352	461	0.00	9.7	6.1
9/3/2007	71	138	344	436	0.00	9.7	6.5
9/4/2007	70	140	338	427	0.00	9.9	6.2
9/5/2007	72	154	352	427	0.00	10.5	6.2
9/6/2007	71	163	351	441	0.00	11.0	6.2
9/7/2007	70	172	346	432	0.00	11.6	6.3
9/8/2007	69	172	347	428	0.00	12.1	5.7
9/9/2007	69	174	344	422	0.00	12.4	5.4
9/10/2007	92	199	395	416	0.28	12.5	5.4
9/11/2007	90	221	591	664	0.53	9.3	5.0
9/12/2007	77	236	531	772	0.00	10.0	5.0
9/13/2007	72	183	469	640	0.00	10.9	5.4
9/14/2007	71	169	390	519	0.05	9.0	6.9
9/15/2007	70	161	352	433	0.05	9.1	8.5
9/16/2007	68	146	335	399	0.00	10.5	9.1
9/17/2007	69	134	322	372	0.00	10.6	9.0
9/18/2007	71	134	322	352	0.00	10.3	8.8
9/19/2007	72	138	318	351	0.00	14.8	9.1
9/20/2007	73	138	333	352	0.00	15.2	7.0
9/21/2007	73	136	346	386	0.00	14.7	6.6
9/22/2007	71	135	328	385	0.00	13.3	6.1
9/23/2007	69	133	326	369	0.00	13.1	5.6
9/24/2007	69	127	321	351	0.00	12.8	5.9
9/25/2007	68	125	321	336	0.00	12.8	5.8
9/26/2007	68	137	317	330	0.08	12.4	5.5

Eqp = Equipment malfunction

* = Discontinued October through March by USGS

EXELON NUCLEAR

Date	Avg. Flow (cu. ft./ sec.)				Rainfall (in.) Landingville	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading	Pottstown		Max	Min
9/27/2007	98	205	385	348	0.23	11.8	4.8
9/28/2007	96	194	379	443	0.05	9.7	4.7
9/29/2007	74	161	354	391	0.00	10.0	5.4
9/30/2007	72	137	324	364	0.00	10.5	5.9
10/1/2007	72	123	312	329	0.00	10.6	6.1
10/2/2007	72	124	315	319	0.00	*	*
10/3/2007	72	122	325	322	0.00	*	*
10/4/2007	73	121	374	372	0.00	*	*
10/5/2007	72	120	376	417	0.00	*	*
10/6/2007	72	119	374	419	0.00	*	*
10/7/2007	66	116	371	409	0.00	*	*
10/8/2007	56	100	363	407	0.00	*	*
10/9/2007	86	116	403	435	1.46	*	*
10/10/2007	95	278	517	619	0.00	*	*
10/11/2007	89	183	571	754	0.72	*	*
10/12/2007	96	317	702	810	0.33	*	*
10/13/2007	75	221	630	786	0.00	*	*
10/14/2007	69	174	478	590	0.00	*	*
10/15/2007	67	153	442	500	0.00	*	*
10/16/2007	65	142	453	511	0.00	*	*
10/17/2007	66	138	429	497	0.01	*	*
10/18/2007	66	138	431	486	0.00	*	*
10/19/2007	71	139	426	547	0.57	*	*
10/20/2007	128	242	486	589	0.01	*	*
10/21/2007	73	186	569	609	0.00	*	*
10/22/2007	68	150	470	548	0.00	*	*
10/23/2007	71	141	444	504	0.23	*	*
10/24/2007	148	231	497	520	0.64	*	*
10/25/2007	118	341	717	726	0.21	*	*
10/26/2007	114	268	710	841	1.03	*	*
10/27/2007	547	2030	2810	2760	2.11	*	*
10/28/2007	258	1480	3500	4720	0.00	*	*
10/29/2007	156	762	1970	2400	0.00	*	*
10/30/2007	121	528	1600	1810	0.00	*	*
10/31/2007	106	420	1470	1640	0.00	*	*
11/1/2007	100	357	1340	1480	0.00	*	*
11/2/2007	94	315	1150	1350	0.00	*	*
11/3/2007	89	284	934	1060	0.00	*	*
11/4/2007	86	258	875	974	0.00	*	*
11/5/2007	84	240	831	914	0.07	*	*
11/6/2007	87	256	788	913	0.14	*	*
11/7/2007	78	237	693	826	0.00	*	*
11/8/2007	76	214	579	681	0.00	*	*
11/9/2007	74	201	538	597	0.02	*	*
11/10/2007	74	200	513	576	0.05	*	*
11/11/2007	71	193	496	563	0.00	*	*
11/12/2007	71	186	473	541	0.17	*	*
11/13/2007	84	251	511	573	0.09	*	*
11/14/2007	74	274	596	634	0.10	*	*
11/15/2007	229	526	986	1220	0.95	*	*

Eqp = Equipment malfunction

* = Discontinued October through March by USGS

EXELON NUCLEAR

Date	Avg. Flow (cu. ft./ sec.)			Pottstown	Rainfall (in.)	DO (mg/l) Vincent Dam	
	Landingville	Berne	Reading			Max	Min
11/16/2007	168	640	1520	1790	0.00	*	*
11/17/2007	124	438	1130	1380	0.00	*	*
11/18/2007		400	1020	1160	0.12	*	*
11/19/2007		473	1200	1480	0.28	*	*
11/20/2007	193	551	1350	1690	0.79	*	*
11/21/2007	242	774	1680	1900	0.01	*	*
11/22/2007	249	856	1810	2020	0.00	*	*
11/23/2007	207	755	1670	1950	0.00	*	*
11/24/2007	177	623	1430	1690	0.00	*	*
11/25/2007	162	544	1280	1490	0.00	*	*
11/26/2007	301	797	1570	1840	1.03	*	*

Eqp = Equipment malfunction

* = Discontinued October through March by USGS

SCHUYLKILL RIVER DISSOLVED OXYGEN DATA 2007

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
10/26/2007	0:00:00				6.55	60.6	7.14	5.57	65.6	7.16	7.46	64.3	7.56			
10/26/2007	1:00:00				6.63	60.5	7.13	5.98	65.3	7.16	7.38	64.2	7.55			
10/26/2007	2:00:00				6.71	60.3	7.13	6.78	64.9	7.15	7.41	64.1	7.56			
10/26/2007	3:00:00				6.59	60.2	7.12	6.59	64.8	7.15	7.27	64.1	7.53			
10/26/2007	4:00:00				6.78	60.1	7.11	6.86	64.6	7.18	7.25	64.0	7.53			
10/26/2007	5:00:00				6.74	59.9	7.10	7.25	64.5	7.20	7.25	63.9	7.53			
10/26/2007	6:00:00				6.42	59.8	7.09	7.53	64.6	7.23	7.20	63.9	7.53			
10/26/2007	7:00:00				6.84	59.6	7.09	7.58	64.7	7.23	7.02	63.7	7.52			
10/26/2007	8:00:00				6.60	59.4	7.09	7.50	64.7	7.25	7.01	63.5	7.50			
10/26/2007	9:00:00				6.76	59.3	7.10	7.65	64.7	7.24	6.98	63.3	7.50			
10/26/2007	10:00:00				6.83	59.3	7.11	7.66	64.5	7.23	7.12	63.2	7.50			
10/26/2007	11:00:00				7.08	59.3	7.13	7.80	64.0	7.25	7.23	63.1	7.50			
10/26/2007	12:00:00				7.18	59.3	7.16	7.89	63.4	7.25	7.31	63.0	7.51			
10/26/2007	13:00:00				7.26	59.3	7.19	7.96	62.8	7.24	7.26	62.9	7.50			
10/26/2007	14:00:00				7.43	59.3	7.21	7.83	62.5	7.22	7.38	62.9	7.50			
10/26/2007	15:00:00				7.51	59.3	7.23	7.67	62.2	7.21	7.82	62.6	7.42			
10/26/2007	16:00:00				7.40	59.2	7.24	7.73	62.0	7.21	7.82	62.6	7.50			
10/26/2007	17:00:00				7.60	59.2	7.24	7.65	61.9	7.19	7.60	62.8	7.49			
10/26/2007	18:00:00				7.44	59.1	7.23	7.51	61.8	7.19	7.99	62.5	7.49			
10/26/2007	19:00:00				7.54	59.0	7.21	7.53	61.7	7.18	8.13	62.3	7.50			
10/26/2007	20:00:00				7.22	58.9	7.18	7.46	61.9	7.18	8.31	62.2	7.55			
10/26/2007	21:00:00				6.97	58.8	7.16	7.66	62.3	7.18	8.09	62.4	7.51			
10/26/2007	22:00:00				6.86	58.8	7.14	7.43	62.6	7.18	7.65	62.7	7.52			
10/26/2007	23:00:00				6.96	58.7	7.13	7.57	62.9	7.19	7.67	62.4	7.49			
10/27/2007	0:00:00				6.86	58.7	7.11	7.61	63.0	7.19	8.05	62.0	7.44			
10/27/2007	1:00:00				6.90	58.7	7.09	7.79	63.1	7.21	8.22	61.9	7.51			
10/27/2007	2:00:00				7.12	58.7	7.06	7.53	63.2	7.21	7.62	62.2	7.48			
10/27/2007	3:00:00				7.09	58.7	7.04	8.21	62.7	7.23	7.83	62.1	7.49			
10/27/2007	4:00:00				7.10	58.7	7.02	8.30	62.4	7.24	8.23	62.0	7.51			
10/27/2007	5:00:00				7.11	58.8	7.00	8.06	62.3	7.24	8.28	62.1	7.49			
10/27/2007	6:00:00				6.96	58.8	6.99	8.28	61.9	7.27	8.11	62.1	7.48			
10/27/2007	7:00:00				7.01	58.9	6.97	8.40	61.6	7.26	8.72	62.4	7.52			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
10/27/2007	8:00:00				7.12	59.0	6.94	8.21	61.2	7.24	8.56	62.6	7.52			
10/27/2007	9:00:00				6.78	59.2	6.94	8.26	61.0	7.22	8.71	62.5	7.56			
10/27/2007	10:00:00				7.17	59.4	6.93	8.45	61.0	7.21	8.67	62.3	7.54			
10/27/2007	11:00:00				6.91	59.7	6.94	8.45	60.9	7.20	8.70	62.3	7.51			
10/27/2007	12:00:00				6.64	60.0	6.92	8.42	60.9	7.19	8.78	61.8	7.49			
10/27/2007	13:00:00				6.99	60.4	6.92	8.70	61.0	7.20	8.89	61.8	7.47			
10/27/2007	14:00:00				6.89	60.6	6.93	8.55	61.0	7.19	8.87	61.8	7.42			
10/27/2007	15:00:00				6.72	60.7	6.93	8.51	61.4	7.18	8.80	61.8	7.35			
10/27/2007	16:00:00				6.76	60.8	6.93	8.67	61.6	7.18	8.70	61.8	7.29			
10/27/2007	17:00:00				6.64	60.9	6.93	8.82	61.9	7.17	8.56	62.0	7.21			
10/27/2007	18:00:00				6.65	60.9	6.91	8.82	62.1	7.15	8.57	62.1	7.20			
10/27/2007	19:00:00				6.42	60.8	6.91	8.94	62.1	7.16	8.54	62.0	7.18			
10/27/2007	20:00:00				6.35	60.7	6.91	8.75	62.0	7.21	8.51	62.0	7.14			
10/27/2007	21:00:00				6.40	60.5	6.90	8.77	61.7	7.23	8.41	62.1	7.12			
10/27/2007	22:00:00				6.18	60.4	6.90	8.83	61.6	7.23	8.45	62.0	7.13			
10/27/2007	23:00:00				6.37	60.2	6.90	8.78	61.4	7.21	8.42	61.8	7.12			
10/28/2007	0:00:00				6.58	60.0	6.91	8.84	61.2	7.19	8.40	61.7	7.11			
10/28/2007	1:00:00				7.09	59.9	6.91	8.67	61.0	7.17	8.46	61.5	7.11			
10/28/2007	2:00:00				6.48	59.9	6.92	8.83	60.6	7.15	8.48	61.3	7.11			
10/28/2007	3:00:00				6.90	59.9	6.91	8.65	60.4	7.14	8.51	61.2	7.10			
10/28/2007	4:00:00				6.08	59.8	6.91	8.69	60.2	7.13	8.53	61.1	7.10			
10/28/2007	5:00:00				6.12	59.5	6.91	8.83	59.9	7.12	8.54	61.0	7.12			
10/28/2007	6:00:00				5.27	59.1	6.92	8.89	59.7	7.10	8.59	60.8	7.14			
10/28/2007	7:00:00				6.14	58.8	6.91	8.97	59.5	7.09	8.56	60.7	7.14			
10/28/2007	8:00:00				5.12	58.5	6.91	8.95	59.4	7.08	8.59	60.5	7.15			
10/28/2007	9:00:00				5.38	58.4	6.90	9.02	59.3	7.07	8.65	60.3	7.18			
10/28/2007	10:00:00				6.38	58.4	6.89	8.96	59.1	7.05	8.72	60.2	7.19			
10/28/2007	11:00:00				6.78	58.4	6.89	8.91	59.0	7.05	8.69	60.2	7.21			
10/28/2007	12:00:00				6.57	58.4	6.90	8.95	58.8	7.05	8.77	60.1	7.23			
10/28/2007	13:00:00				7.08	58.4	6.91	7.64	58.8	7.34	8.76	60.1	7.22			
10/28/2007	14:00:00				7.14	58.5	6.90	7.59	58.8	7.25	8.83	60.2	7.22			
10/28/2007	15:00:00				7.14	58.4	6.90	7.64	58.9	7.21	8.88	60.3	7.22			
10/28/2007	16:00:00				6.83	58.4	6.90	7.61	59.0	7.18	8.81	60.2	7.22			
10/28/2007	17:00:00				7.21	58.3	6.90	7.68	59.0	7.16	8.85	60.0	7.22			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
10/28/2007	18:00:00	8.86	58.4	7.00	10.13	58.2	6.94	7.70	58.9	7.15	8.81	59.8	7.21			
10/28/2007	19:00:00	8.93	58.1	7.10	10.48	58.0	6.95	7.71	58.8	7.15	8.86	59.6	7.23			
10/28/2007	20:00:00	8.76	58.0	7.11	10.31	57.8	6.96	7.80	58.6	7.14	8.79	59.4	7.22			
10/28/2007	21:00:00	9.03	57.7	7.12	10.45	57.6	6.97	7.70	58.3	7.13	8.74	59.1	7.23			
10/28/2007	22:00:00	9.06	57.4	7.15	10.48	57.4	6.98	7.74	58.1	7.13	8.83	58.9	7.23			
10/28/2007	23:00:00	9.10	57.1	7.17	10.52	57.1	6.98	7.69	57.9	7.12	8.85	58.6	7.24			
10/29/2007	0:00:00	9.18	56.9	7.20	10.62	56.9	6.99	7.76	57.7	7.12	8.88	58.4	7.24			
10/29/2007	1:00:00	9.19	56.7	7.21	10.48	56.7	7.00	7.76	57.5	7.11	8.97	58.2	7.24			
10/29/2007	2:00:00	9.09	56.4	7.24	10.69	56.4	7.00	7.35	57.3	7.10	8.98	58.0	7.24			
10/29/2007	3:00:00	9.25	56.2	7.26	10.65	56.2	7.00	7.56	57.1	7.11	8.91	57.7	7.24			
10/29/2007	4:00:00	9.28	55.9	7.29	8.51	55.9	7.00	7.66	56.8	7.11	8.91	57.5	7.22			
10/29/2007	5:00:00	9.37	55.5	7.31	8.40	55.6	7.00	7.54	56.6	7.11	8.95	57.3	7.23			
10/29/2007	6:00:00	9.38	55.2	7.34	8.61	55.3	7.01	8.00	56.4	7.12	8.99	57.1	7.21			
10/29/2007	7:00:00	9.46	54.9	7.37	8.68	55.0	7.01	7.57	56.2	7.13	9.02	56.9	7.17			
10/29/2007	8:00:00	9.24	54.6	7.40	8.81	54.7	7.01	7.72	55.9	7.13	9.00	56.7	7.13			
10/29/2007	9:00:00	9.53	54.3	7.41	8.63	54.6	7.01	7.72	55.7	7.13	9.09	56.5	7.13			
10/29/2007	10:00:00	9.50	54.2	7.42	8.93	54.7	7.02	7.84	55.5	7.14	9.17	56.5	7.13			
10/29/2007	11:00:00	9.38	54.3	7.43	8.69	54.9	7.03	7.96	55.6	7.15	9.20	56.7	7.13			
10/29/2007	12:00:00	9.48	54.7	7.40	8.72	55.0	7.04	7.99	55.6	7.16	9.23	56.9	7.12			
10/29/2007	13:00:00	9.80	55.6	7.36	9.01	55.2	7.05	8.09	55.6	7.17	9.29	57.1	7.13			
10/29/2007	14:00:00	9.64	56.1	7.35	8.92	55.4	7.06	8.01	55.6	7.18	9.31	57.3	7.12			
10/29/2007	15:00:00	9.89	56.5	7.33	9.13	55.4	7.06	8.04	55.7	7.18	9.28	57.3	7.12			
10/29/2007	16:00:00	9.93	56.6	7.34	9.13	55.4	7.07	8.02	55.6	7.19	9.38	57.2	7.13			
10/29/2007	17:00:00	9.93	56.4	7.36	8.86	55.3	7.07	8.19	55.7	7.20	9.43	57.2	7.14			
10/29/2007	18:00:00	9.86	56.1	7.38	8.84	55.3	7.08	8.18	55.9	7.21	9.39	57.0	7.13			
10/29/2007	19:00:00	9.82	55.8	7.39	8.92	55.2	7.08	8.24	55.9	7.22	9.39	56.8	7.21			
10/29/2007	20:00:00	9.79	55.6	7.40	8.74	55.0	7.08	8.36	55.9	7.23	9.39	56.6	7.24			
10/29/2007	21:00:00	9.80	55.3	7.42	8.82	54.8	7.08	8.41	55.8	7.23	9.38	56.5	7.23			
10/29/2007	22:00:00	9.79	55.0	7.43	8.87	54.6	7.08	8.35	55.6	7.23	9.43	56.2	7.24			
10/29/2007	23:00:00	9.81	54.7	7.44	8.85	54.4	7.08	8.35	55.5	7.23	9.50	56.1	7.23			
10/30/2007	0:00:00	9.79	54.4	7.46	8.85	54.1	7.07	8.33	55.3	7.23	9.52	56.0	7.22			
10/30/2007	1:00:00	9.85	54.2	7.47	8.89	53.9	7.07	8.24	55.2	7.23	9.52	55.9	7.22			
10/30/2007	2:00:00	9.85	53.9	7.49	8.97	53.7	7.07	8.27	55.0	7.23	9.52	55.8	7.23			
10/30/2007	3:00:00	9.88	53.6	7.51	9.02	53.5	7.07	8.31	54.8	7.24	9.50	55.6	7.24			

Vincent Dam provisional data provided by USGS

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Vincent Dam data collection discontinued October through March by USGS

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
10/30/2007	4:00:00	9.87	53.4	7.52	9.09	53.3	7.07	8.24	54.6	7.24	9.47	55.4	7.24			
10/30/2007	5:00:00	9.88	53.1	7.54	9.08	53.1	7.07	8.30	54.4	7.23	9.53	55.2	7.25			
10/30/2007	6:00:00	9.90	52.9	7.55	8.97	52.9	7.06	8.27	54.2	7.23	9.54	54.9	7.27			
10/30/2007	7:00:00	9.90	52.6	7.57	9.06	52.6	7.06	8.29	53.9	7.23	9.55	54.7	7.28			
10/30/2007	8:00:00	9.95	52.4	7.59	9.13	52.4	7.06	8.38	53.7	7.23	9.51	54.5	7.25			
10/30/2007	9:00:00	9.97	52.2	7.60	9.16	52.3	7.06	8.44	53.5	7.24	9.55	54.4	7.26			
10/30/2007	10:00:00	10.05	52.1	7.61	9.10	52.4	7.07	8.34	53.4	7.24	9.53	54.3	7.26			
10/30/2007	11:00:00	10.14	52.4	7.60	9.41	52.8	7.09	8.62	53.5	7.24	9.58	54.5	7.26			
10/30/2007	12:00:00	10.28	53.0	7.57	9.51	53.2	7.11	8.67	53.5	7.25	9.59	54.8	7.27			
10/30/2007	13:00:00	10.39	53.9	7.54	9.43	53.6	7.13	8.70	53.6	7.25	9.65	54.8	7.29			
10/30/2007	14:00:00	10.43	54.8	7.51	9.30	53.9	7.14	8.62	53.7	7.26	9.65	55.1	7.29			
10/30/2007	15:00:00	10.47	55.3	7.51	9.22	54.0	7.14	8.66	53.8	7.26	9.64	55.1	7.32			
10/30/2007	16:00:00	10.47	55.6	7.51	9.23	54.1	7.15	8.71	53.7	7.26	9.61	55.6	7.27			
10/30/2007	17:00:00	10.42	55.6	7.52	9.12	54.1	7.15	8.59	53.8	7.26	9.66	55.5	7.29			
10/30/2007	18:00:00	10.28	55.3	7.53	9.45	54.2	7.16	8.68	54.1	7.27	9.53	55.4	7.31			
10/30/2007	19:00:00	10.20	55.2	7.52	9.20	54.3	7.15	8.69	54.3	7.28	9.55	55.2	7.33			
10/30/2007	20:00:00	10.14	55.0	7.53	9.19	54.3	7.14	8.78	54.5	7.29	9.57	55.1	7.35			
10/30/2007	21:00:00	10.05	54.9	7.53	9.04	54.2	7.14	8.87	54.6	7.30	9.51	55.0	7.34			
10/30/2007	22:00:00	10.03	54.7	7.53	9.06	54.1	7.14	8.82	54.6	7.31	9.49	54.9	7.33			
10/30/2007	23:00:00	10.02	54.5	7.54	9.03	54.0	7.14	8.94	54.5	7.31	9.47	54.7	7.33			
10/31/2007	0:00:00	10.00	54.3	7.56	8.98	53.8	7.14	8.85	54.4	7.31	9.62	54.7	7.33			
10/31/2007	1:00:00	10.01	54.1	7.57	9.11	53.7	7.14	8.78	54.2	7.31	9.71	54.6	7.35			
10/31/2007	2:00:00	9.99	53.9	7.58	9.12	53.6	7.14	8.66	54.1	7.31	9.71	54.6	7.35			
10/31/2007	3:00:00	9.98	53.7	7.58	9.06	53.5	7.14	8.66	54.0	7.31	9.79	54.5	7.36			
10/31/2007	4:00:00	9.94	53.5	7.60	9.22	53.3	7.13	8.82	53.9	7.31	9.82	54.5	7.35			
10/31/2007	5:00:00	9.95	53.3	7.61	9.21	53.2	7.13	8.69	53.7	7.30	9.77	54.4	7.33			
10/31/2007	6:00:00	9.95	53.1	7.62	9.38	53.0	7.13	8.76	53.6	7.31	9.77	54.3	7.34			
10/31/2007	7:00:00	9.93	52.8	7.63	9.21	52.8	7.13	8.65	53.4	7.30	9.80	54.1	7.32			
10/31/2007	8:00:00	9.93	52.6	7.64	9.55	52.6	7.13	8.63	53.2	7.30	9.76	53.8	7.35			
10/31/2007	9:00:00	9.98	52.5	7.65	9.53	52.5	7.13	8.52	53.1	7.29	9.81	53.6	7.37			
10/31/2007	10:00:00	10.05	52.4	7.66	9.76	52.7	7.14	8.65	53.1	7.29	9.84	53.5	7.38			
10/31/2007	11:00:00	10.11	52.6	7.65	9.80	53.0	7.15	8.69	53.4	7.29	9.81	53.5	7.39			
10/31/2007	12:00:00	10.23	53.4	7.62	9.78	53.5	7.17	8.63	53.5	7.29	9.84	53.9	7.38			
10/31/2007	13:00:00	10.38	54.4	7.58	9.50	54.0	7.19	8.75	53.7	7.30	9.72	54.3	7.35			

Vincent Dam provisional data provided by USGS

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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
10/31/2007	14:00:00	10.44	55.4	7.55	9.44	54.3	7.20	8.73	53.8	7.30	9.78	54.1	7.39			
10/31/2007	15:00:00	10.45	56.0	7.53	9.57	54.5	7.21	8.68	53.9	7.30	9.72	54.5	7.41			
10/31/2007	16:00:00	10.47	56.3	7.53	9.42	54.6	7.21	8.68	53.9	7.31	9.80	54.8	7.40			
10/31/2007	17:00:00	10.43	56.2	7.55	9.51	54.6	7.22	8.71	53.9	7.30	9.70	54.8	7.40			
10/31/2007	18:00:00	10.31	55.8	7.56	9.46	54.7	7.22	8.68	54.1	7.31	9.57	54.8	7.39			
10/31/2007	19:00:00	10.16	55.7	7.55	9.25	54.8	7.22	8.73	54.5	7.32	9.57	54.7	7.39			
10/31/2007	20:00:00	10.07	55.5	7.54	9.11	54.7	7.21	8.92	54.7	7.34	9.60	54.6	7.41			
10/31/2007	21:00:00	10.01	55.4	7.54	9.11	54.6	7.20	8.93	54.9	7.35	9.47	54.6	7.41			
10/31/2007	22:00:00	9.94	55.2	7.55	9.09	54.6	7.20	8.97	55.0	7.36	9.54	54.5	7.41			
10/31/2007	23:00:00	9.91	55.0	7.56	9.02	54.5	7.19	9.01	55.0	7.37	9.39	54.5	7.39			
11/1/2007	0:00:00	9.92	54.8	7.57	9.15	54.3	7.19	9.00	54.9	7.37	9.47	54.4	7.38			
11/1/2007	1:00:00	9.88	54.7	7.57	9.13	54.2	7.18	8.94	54.8	7.37	9.53	54.4	7.38			
11/1/2007	2:00:00	9.84	54.6	7.58	9.00	54.1	7.18	8.95	54.7	7.37	9.57	54.4	7.42			
11/1/2007	3:00:00	9.79	54.6	7.58	8.88	54.1	7.18	8.90	54.6	7.37	9.65	54.5	7.43			
11/1/2007	4:00:00	9.78	54.5	7.58	8.76	54.1	7.18	8.73	54.5	7.36	9.68	54.5	7.43			
11/1/2007	5:00:00	9.76	54.5	7.58	9.01	54.2	7.18	8.84	54.4	7.36	9.73	54.5	7.44			
11/1/2007	6:00:00	9.70	54.4	7.59	8.67	54.2	7.18	8.64	54.3	7.35	9.69	54.5	7.44			
11/1/2007	7:00:00	9.69	54.3	7.59	8.79	54.2	7.18	8.65	54.2	7.35	9.68	54.6	7.43			
11/1/2007	8:00:00	9.66	54.3	7.59	8.82	54.2	7.17	8.57	54.1	7.34	9.67	54.5	7.47			
11/1/2007	9:00:00	9.67	54.2	7.59	8.74	54.2	7.17	8.55	54.1	7.34	9.66	54.3	7.46			
11/1/2007	10:00:00	9.72	54.3	7.58	9.07	54.4	7.17	8.38	54.1	7.33	9.67	54.1	7.47			
11/1/2007	11:00:00	9.82	54.6	7.58	8.96	54.7	7.18	8.49	54.1	7.33	9.64	54.3	7.45			
11/1/2007	12:00:00	9.97	55.2	7.55	8.97	55.2	7.20	8.65	54.2	7.33	9.61	54.2	7.46			
11/1/2007	13:00:00	10.04	55.7	7.53	9.27	55.7	7.22	8.58	54.4	7.33	9.61	54.2	7.44			
11/1/2007	14:00:00	10.13	56.3	7.50	9.09	56.0	7.23	8.62	54.6	7.34	9.60	55.0	7.47			
11/1/2007	15:00:00	10.20	56.6	7.51	9.10	56.2	7.24	8.57	54.7	7.34	9.48	55.0	7.43			
11/1/2007	16:00:00	10.13	56.4	7.53	9.08	56.2	7.24	8.55	54.7	7.34	9.39	54.8	7.47			
11/1/2007	17:00:00	10.09	56.3	7.53	8.98	56.2	7.24	8.53	54.8	7.34	9.34	54.9	7.46			
11/1/2007	18:00:00	10.07	56.1	7.54	8.91	56.0	7.23	8.45	54.9	7.34	9.26	54.8	7.45			
11/1/2007	19:00:00	9.96	55.8	7.55	8.93	55.7	7.22	8.68	55.1	7.35	9.24	54.8	7.43			
11/1/2007	20:00:00	9.90	55.6	7.55	8.73	55.4	7.21	8.61	55.3	7.36	9.26	54.7	7.43			
11/1/2007	21:00:00	9.88	55.3	7.57	8.87	55.2	7.21	8.72	55.6	7.37	9.14	54.6	7.42			
11/1/2007	22:00:00	9.87	55.1	7.58	8.93	54.9	7.20	8.81	55.7	7.38	9.17	54.5	7.37			
11/1/2007	23:00:00	9.82	54.8	7.59	8.72	54.7	7.20	8.83	55.6	7.39	9.20	54.4	7.42			

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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
11/2/2007	0:00:00	9.83	54.5	7.60	8.71	54.4	7.20	8.85	55.6	7.39	9.30	54.3	7.43			
11/2/2007	1:00:00	9.81	54.4	7.61	9.01	54.2	7.20	8.88	55.5	7.39	9.35	54.2	7.44			
11/2/2007	2:00:00	9.81	54.2	7.63	9.02	54.0	7.19	8.71	55.4	7.39	9.40	54.2	7.46			
11/2/2007	3:00:00	9.75	54.0	7.64	9.07	53.8	7.20	8.81	55.2	7.38	9.41	54.1	7.48			
11/2/2007	4:00:00	9.75	53.7	7.66	9.03	53.6	7.20	8.76	55.0	7.38	9.51	54.1	7.49			
11/2/2007	5:00:00	9.77	53.5	7.67	8.99	53.3	7.19	8.72	54.8	7.38	9.56	54.1	7.50			
11/2/2007	6:00:00	9.76	53.2	7.68	9.11	53.1	7.19	8.74	54.6	7.37	9.61	54.1	7.49			
11/2/2007	7:00:00	9.76	52.9	7.69	9.07	52.8	7.19	8.43	54.3	7.36	9.61	54.0	7.49			
11/2/2007	8:00:00	9.77	52.6	7.71	9.04	52.6	7.18	8.65	54.1	7.35	9.62	53.9	7.46			
11/2/2007	9:00:00	9.78	52.4	7.72	9.11	52.5	7.18	8.71	53.8	7.35	9.62	54.0	7.45			
11/2/2007	10:00:00	9.87	52.3	7.73	9.10	52.6	7.19	8.62	53.7	7.35	9.67	54.0	7.54			
11/2/2007	11:00:00	9.99	52.5	7.72	9.29	52.9	7.21	8.82	53.7	7.35	9.76	54.1	7.57			
11/2/2007	12:00:00	10.19	53.0	7.70	9.34	53.4	7.23	8.99	53.7	7.35	9.65	54.2	7.53			
11/2/2007	13:00:00	10.37	53.9	7.67	9.36	53.7	7.24	9.08	53.7	7.36	9.66	54.2	7.54			
11/2/2007	14:00:00	10.53	54.8	7.64	9.32	53.8	7.25	9.01	53.7	7.36	9.60	55.1	7.50			
11/2/2007	15:00:00	10.64	55.5	7.62	9.26	53.9	7.25	8.95	53.6	7.36	9.56	54.6	7.53			
11/2/2007	16:00:00	10.68	55.7	7.64	9.32	53.8	7.26	9.05	53.5	7.36	9.59	54.7	7.55			
11/2/2007	17:00:00	10.68	55.4	7.67	9.39	53.7	7.27	8.95	53.3	7.36	9.52	54.7	7.55			
11/2/2007	18:00:00	10.56	54.9	7.70	9.36	53.7	7.27	8.91	53.3	7.36	9.41	54.7	7.53			
11/2/2007	19:00:00	10.41	54.7	7.70	9.29	53.6	7.27	9.00	53.5	7.36	9.39	54.5	7.53			
11/2/2007	20:00:00	10.32	54.4	7.69	9.32	53.5	7.26	9.08	53.7	7.37	9.47	54.3	7.52			
11/2/2007	21:00:00	10.24	54.2	7.68	9.34	53.4	7.26	9.27	54.0	7.38	9.31	54.1	7.52			
11/2/2007	22:00:00	10.23	54.0	7.68	9.11	53.3	7.25	9.29	54.2	7.40	9.18	54.0	7.48			
11/2/2007	23:00:00	10.19	53.8	7.70	9.41	53.2	7.25	9.33	54.3	7.41	9.14	54.0	7.48			
11/3/2007	0:00:00	10.16	53.5	7.71	9.07	53.0	7.25	9.44	54.3	7.42	9.11	53.9	7.45			
11/3/2007	1:00:00	10.15	53.2	7.73	9.25	52.8	7.24	9.36	54.2	7.42	9.17	53.8	7.49			
11/3/2007	2:00:00	10.14	53.0	7.74	9.25	52.6	7.24	9.28	54.0	7.42	9.25	53.8	7.48			
11/3/2007	3:00:00	10.15	52.8	7.75	9.40	52.4	7.24	9.42	53.9	7.42	9.35	53.7	7.49			
11/3/2007	4:00:00	10.12	52.6	7.76	9.47	52.3	7.24	9.37	53.7	7.41	9.36	53.7	7.50			
11/3/2007	5:00:00	10.09	52.4	7.77	9.39	52.2	7.24	9.38	53.5	7.41	9.46	53.7	7.50			
11/3/2007	6:00:00	10.09	52.2	7.78	9.38	52.0	7.24	9.23	53.4	7.40	9.51	53.7	7.48			
11/3/2007	7:00:00	10.08	52.1	7.79	9.15	51.9	7.23	9.29	53.3	7.39	9.55	53.7	7.49			
11/3/2007	8:00:00	10.02	51.9	7.80	9.58	51.8	7.24	9.21	53.2	7.39	9.54	53.7	7.46			
11/3/2007	9:00:00	10.04	51.7	7.80	9.41	51.7	7.24	9.34	53.1	7.38	9.60	53.8	7.45			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/3/2007	10:00:00	10.11	51.7	7.81	9.54	51.7	7.24	9.35	53.0	7.37	9.61	53.7	7.44			
11/3/2007	11:00:00	10.22	51.7	7.82	9.77	51.7	7.26	9.14	52.9	7.37	9.69	53.6	7.45			
11/3/2007	12:00:00	10.36	51.7	7.81	9.72	51.7	7.27	9.20	52.8	7.37	9.78	53.5	7.54			
11/3/2007	13:00:00	10.54	51.9	7.84	10.18	51.9	7.29	9.28	52.8	7.37	9.79	53.4	7.55			
11/3/2007	14:00:00	10.71	52.3	7.84	10.04	52.1	7.32	9.32	52.8	7.37	9.78	53.7	7.56			
11/3/2007	15:00:00	10.84	52.7	7.84	10.13	52.3	7.34	9.26	52.8	7.36	9.57	54.2	7.50			
11/3/2007	16:00:00	10.95	53.1	7.84	10.22	52.4	7.35	9.25	52.7	7.37	9.66	53.9	7.53			
11/3/2007	17:00:00	10.97	53.0	7.87	9.82	52.3	7.35	9.29	52.5	7.36	9.69	53.5	7.56			
11/3/2007	18:00:00	10.86	52.8	7.89	9.83	52.2	7.34	9.28	52.4	7.36	9.63	53.3	7.55			
11/3/2007	19:00:00	10.67	52.4	7.89	9.70	52.1	7.33	9.33	52.3	7.36	9.38	53.3	7.54			
11/3/2007	20:00:00	10.53	52.1	7.88	10.00	51.9	7.32	9.38	52.2	7.36	9.37	53.2	7.54			
11/3/2007	21:00:00	10.47	51.9	7.88	9.78	51.6	7.31	9.36	52.1	7.36	9.43	53.0	7.57			
11/3/2007	22:00:00	10.41	51.7	7.88	9.70	51.4	7.30	9.35	51.9	7.36	9.31	52.8	7.54			
11/3/2007	23:00:00	10.39	51.5	7.89	9.91	51.2	7.29	9.47	51.7	7.36	9.19	52.6	7.55			
11/4/2007	0:00:00	10.35	51.2	7.90	9.88	51.0	7.29	9.62	51.6	7.37	9.30	52.5	7.50			
11/4/2007	1:00:00	10.39	50.9	7.91	9.92	50.8	7.28	9.75	51.6	7.38	9.14	52.4	7.50			
11/4/2007	2:00:00	10.37	50.7	7.93	9.68	50.6	7.28	9.74	51.6	7.40	9.09	52.2	7.49			
11/4/2007	3:00:00	10.40	50.5	7.93	9.87	50.4	7.28	9.96	51.5	7.41	9.23	52.1	7.51			
11/4/2007	4:00:00	10.39	50.4	7.93	10.01	50.3	7.27	10.05	51.4	7.42	9.24	52.1	7.51			
11/4/2007	5:00:00	10.39	50.2	7.95	9.77	50.1	7.26	9.99	51.2	7.43	9.17	52.0	7.51			
11/4/2007	6:00:00	10.43	50.0	7.96	9.52	49.9	7.26	9.93	51.0	7.43	9.19	51.9	7.51			
11/4/2007	7:00:00	10.45	49.7	7.97	9.84	49.7	7.26	9.93	50.8	7.43	9.19	51.9	7.51			
11/4/2007	8:00:00	10.45	49.5	7.98	10.16	49.4	7.25	9.91	50.7	7.43	9.15	51.8	7.51			
11/4/2007	9:00:00	10.52	49.4	7.99	10.26	49.4	7.26	9.90	50.6	7.42	9.41	51.8	7.53			
11/4/2007	10:00:00	10.67	49.4	8.01	10.59	49.7	7.29	9.91	50.6	7.42	9.59	52.0	7.53			
11/4/2007	11:00:00	10.89	49.6	8.02	9.97	50.1	7.31	9.98	50.6	7.43	9.83	52.3	7.62			
11/4/2007	12:00:00	11.11	50.2	8.01	10.18	50.5	7.35	10.09	50.6	7.43	9.77	52.3	7.61			
11/4/2007	13:00:00	11.31	50.8	8.01	10.31	51.0	7.37	10.10	50.7	7.44	9.89	52.5	7.66			
11/4/2007	14:00:00	11.42	51.4	8.00	10.22	51.2	7.39	10.12	50.8	7.44	9.82	52.7	7.64			
11/4/2007	15:00:00	11.53	52.0	7.99	10.70	51.4	7.41	10.09	50.9	7.44	9.81	52.9	7.64			
11/4/2007	16:00:00	11.56	52.3	7.99	10.70	51.5	7.42	10.02	50.9	7.44	9.94	52.9	7.68			
11/4/2007	17:00:00	11.56	52.3	8.01	9.83	51.4	7.43	10.08	50.7	7.43	9.95	52.8	7.70			
11/4/2007	18:00:00	11.38	51.9	8.02	9.79	51.3	7.41	9.93	50.5	7.43	9.90	52.6	7.69			
11/4/2007	19:00:00	11.21	51.7	8.00	10.92	51.1	7.40	10.01	50.4	7.42	9.86	52.3	7.67			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/4/2007	20:00:00	10.99	51.4	7.99	10.64	50.9	7.38	9.97	50.4	7.42	9.78	51.9	7.64			
11/4/2007	21:00:00	10.87	51.2	7.98	10.26	50.8	7.36	10.04	50.3	7.42	9.65	51.7	7.59			
11/4/2007	22:00:00	10.81	51.1	7.97	10.32	50.6	7.34	10.12	50.4	7.42	9.59	51.5	7.59			
11/4/2007	23:00:00	10.73	50.9	7.98	10.12	50.5	7.34	10.34	50.5	7.44	9.51	51.3	7.57			
11/5/2007	0:00:00	10.70	50.7	7.97	10.67	50.3	7.33	10.47	50.6	7.45	9.44	51.2	7.53			
11/5/2007	1:00:00	10.66	50.5	7.98	10.59	50.1	7.33	10.66	50.7	7.47	9.41	51.0	7.50			
11/5/2007	2:00:00	10.64	50.3	7.98	10.33	50.0	7.32	10.71	50.8	7.49	9.34	50.9	7.46			
11/5/2007	3:00:00	10.63	50.1	7.98	10.59	49.8	7.32	10.84	50.8	7.51	9.32	50.8	7.45			
11/5/2007	4:00:00	10.59	49.9	8.00	10.07	49.6	7.31	10.66	50.6	7.51	9.30	50.6	7.46			
11/5/2007	5:00:00	10.60	49.7	8.01	10.17	49.4	7.31	10.70	50.6	7.52	9.30	50.5	7.50			
11/5/2007	6:00:00	10.63	49.5	8.02	10.40	49.2	7.30	10.69	50.4	7.52	9.37	50.3	7.44			
11/5/2007	7:00:00	10.61	49.2	8.04	10.60	49.0	7.30	10.58	50.2	7.51	9.43	50.2	7.46			
11/5/2007	8:00:00	10.61	49.0	8.04	10.24	48.8	7.30	10.52	50.1	7.52	9.42	50.1	7.44			
11/5/2007	9:00:00	10.70	48.8	8.06	10.43	48.7	7.31	10.53	50.0	7.51	9.55	50.2	7.47			
11/5/2007	10:00:00	10.86	48.7	8.08	10.73	48.9	7.33	10.52	50.0	7.51	9.61	50.3	7.47			
11/5/2007	11:00:00	11.06	48.9	8.08	11.06	49.4	7.36	10.57	50.3	7.50	9.75	50.7	7.45			
11/5/2007	12:00:00	11.36	49.6	8.07	10.85	50.0	7.39	10.48	50.5	7.50	10.28	51.2	7.61			
11/5/2007	13:00:00	11.60	50.7	8.04	11.24	50.5	7.42	10.71	50.7	7.54	10.50	51.8	7.55			
11/5/2007	14:00:00	11.43	51.8	7.71	10.89	51.0	7.49	10.52	50.9	7.56	10.31	52.6	7.53			
11/5/2007	15:00:00	11.24	52.5	7.49	10.97	51.2	7.51	10.43	50.7	7.56	10.48	52.0	7.58			
11/5/2007	16:00:00	11.47	52.8	7.53	10.96	51.2	7.52	10.48	50.8	7.56	10.69	52.4	7.63			
11/5/2007	17:00:00	11.28	52.5	7.53	10.99	51.1	7.52	10.37	50.8	7.56	10.58	51.9	7.60			
11/5/2007	18:00:00	11.11	52.0	7.54	10.89	50.9	7.50	10.33	50.9	7.55	10.55	51.9	7.60			
11/5/2007	19:00:00	10.85	51.7	7.51	10.58	50.8	7.47	10.09	51.0	7.54	10.47	51.8	7.62			
11/5/2007	20:00:00	10.60	51.5	7.48	10.51	50.7	7.45	10.29	51.2	7.54	10.32	51.5	7.61			
11/5/2007	21:00:00	10.49	51.4	7.45	10.39	50.7	7.43	10.12	51.2	7.53	10.26	51.1	7.60			
11/5/2007	22:00:00	10.44	51.4	7.43	10.48	50.7	7.41	10.17	50.8	7.54	10.19	50.6	7.57			
11/5/2007	23:00:00	10.29	51.4	7.41	10.26	50.8	7.40	10.25	50.7	7.54	10.06	50.4	7.55			
11/6/2007	0:00:00	10.38	51.5	7.39	10.25	51.0	7.38	10.32	50.8	7.54	10.04	50.2	7.54			
11/6/2007	1:00:00	10.45	51.4	7.38	10.01	51.0	7.37	10.61	51.0	7.57	9.93	50.2	7.53			
11/6/2007	2:00:00	10.05	51.4	7.38	10.05	51.1	7.36	10.83	51.3	7.60	9.90	50.2	7.51			
11/6/2007	3:00:00	10.31	51.3	7.36	10.19	51.1	7.34	11.01	51.5	7.63	9.80	50.2	7.52			
11/6/2007	4:00:00	10.27	51.3	7.35	10.11	51.1	7.33	10.88	51.5	7.65	9.80	50.2	7.48			
11/6/2007	5:00:00	10.20	51.3	7.35	9.93	51.1	7.32	10.86	51.5	7.66	9.87	50.2	7.48			

Vincent Dam provisional data provided by USGS

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Vincent Dam data collection discontinued October through March by USGS

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
11/6/2007	6:00:00	10.16	51.3	7.33	8.48	51.1	7.31	10.74	51.4	7.66	9.85	50.2	7.47			
11/6/2007	7:00:00	10.10	51.4	7.33	8.10	51.2	7.30	10.72	51.3	7.66	9.84	50.2	7.43			
11/6/2007	8:00:00	10.04	51.4	7.32	8.11	51.2	7.29	10.71	51.3	7.65	9.85	50.1	7.42			
11/6/2007	9:00:00	10.02	51.3	7.31	7.94	51.2	7.29	10.29	51.2	7.64	9.82	50.2	7.44			
11/6/2007	10:00:00	10.06	51.3	7.31	8.48	51.2	7.29	10.32	51.2	7.63	9.75	50.2	7.40			
11/6/2007	11:00:00	10.33	51.4	7.32	8.31	51.4	7.32	10.35	51.3	7.62	9.96	50.4	7.39			
11/6/2007	12:00:00	10.61	51.7	7.32	8.82	51.8	7.37	10.53	51.7	7.62	10.37	50.8	7.53			
11/6/2007	13:00:00	10.88	52.2	7.33	8.52	52.2	7.40	10.02	52.0	7.61	10.37	51.4	7.60			
11/6/2007	14:00:00	11.06	52.7	7.34	8.56	52.5	7.43	9.85	52.0	7.60	10.32	51.6	7.60			
11/6/2007	15:00:00	11.25	53.5	7.32	8.48	52.4	7.45	9.89	51.8	7.58	10.29	51.8	7.60			
11/6/2007	16:00:00	11.32	53.6	7.32	8.78	52.3	7.47	10.02	51.7	7.56	10.33	52.1	7.63			
11/6/2007	17:00:00	11.17	53.0	7.37	9.01	52.2	7.48	9.84	51.5	7.55	10.32	52.1	7.64			
11/6/2007	18:00:00	10.58	52.4	7.39	9.05	51.8	7.46	10.06	51.4	7.53	10.38	51.9	7.66			
11/6/2007	19:00:00	10.82	52.0	7.38	8.60	51.4	7.43	9.92	51.2	7.52	10.30	51.9	7.66			
11/6/2007	20:00:00	10.66	51.8	7.37	8.45	51.2	7.40	9.24	51.1	7.50	10.16	51.5	7.64			
11/6/2007	21:00:00	10.54	51.6	7.36	8.54	50.9	7.38	9.40	51.0	7.50	10.08	51.3	7.61			
11/6/2007	22:00:00	10.44	51.3	7.36	8.40	50.7	7.36	9.82	51.1	7.50	10.02	51.0	7.59			
11/6/2007	23:00:00	10.40	51.1	7.37	8.70	50.5	7.35	9.99	51.3	7.51	9.88	50.8	7.53			
11/7/2007	0:00:00	10.36	50.8	7.38	8.53	50.4	7.34	10.07	51.5	7.52	9.86	50.5	7.52			
11/7/2007	1:00:00	10.34	50.4	7.39	8.45	50.2	7.33	9.97	51.6	7.54	9.87	50.3	7.56			
11/7/2007	2:00:00	10.29	50.2	7.40	8.53	49.9	7.32	10.16	51.7	7.56	9.68	50.2	7.49			
11/7/2007	3:00:00	10.28	49.9	7.40	8.52	49.7	7.31	10.09	51.7	7.59	9.57	50.2	7.41			
11/7/2007	4:00:00	10.24	49.7	7.42	8.55	49.5	7.30	10.07	51.6	7.60	9.62	50.1	7.44			
11/7/2007	5:00:00	10.22	49.4	7.42	8.47	49.3	7.29	10.08	51.3	7.60	9.57	50.0	7.40			
11/7/2007	6:00:00	10.22	49.1	7.43	8.64	49.1	7.28	10.06	51.0	7.60	9.51	50.0	7.40			
11/7/2007	7:00:00	10.26	48.8	7.44	8.38	48.8	7.28	10.09	50.7	7.60	9.63	49.8	7.46			
11/7/2007	8:00:00	10.27	48.6	7.47	8.84	48.6	7.28	9.87	50.5	7.60	9.56	49.7	7.38			
11/7/2007	9:00:00	10.37	48.4	7.49	8.81	48.5	7.29	9.91	50.4	7.59	9.73	49.7	7.46			
11/7/2007	10:00:00	10.60	48.3	7.50	9.05	48.7	7.32	9.83	50.3	7.58	9.82	49.9	7.50			
11/7/2007	11:00:00	10.94	48.5	7.52	9.57	49.1	7.36	9.82	50.4	7.57	9.87	50.0	7.52			
11/7/2007	12:00:00	11.26	48.7	7.55	8.95	49.3	7.40	9.65	50.2	7.56	9.89	50.1	7.46			
11/7/2007	13:00:00	11.50	49.0	7.57	9.57	49.4	7.43	9.76	50.2	7.56	10.02	50.3	7.53			
11/7/2007	14:00:00	11.76	49.4	7.59	9.36	49.5	7.46	9.40	50.1	7.55	10.05	50.6	7.52			
11/7/2007	15:00:00	11.95	49.6	7.62	9.73	49.5	7.49	9.68	50.0	7.55	10.15	51.0	7.58			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/7/2007	16:00:00	12.12	50.1	7.62	9.52	49.5	7.50	9.56	49.9	7.54	10.18	51.2	7.62			
11/7/2007	17:00:00	12.11	50.1	7.65	9.70	49.4	7.52	9.41	49.7	7.53	10.25	51.1	7.54			
11/7/2007	18:00:00	12.00	49.7	7.66	9.39	49.2	7.50	9.48	49.6	7.52	10.27	50.6	7.60			
11/7/2007	19:00:00	11.74	49.4	7.64	9.49	49.0	7.48	9.42	49.4	7.52	10.18	50.6	7.68			
11/7/2007	20:00:00	11.53	49.1	7.61	9.16	48.8	7.45	9.33	49.3	7.50	10.26	50.3	7.64			
11/7/2007	21:00:00	11.42	48.9	7.60	9.26	48.6	7.44	9.51	49.2	7.50	10.16	49.9	7.63			
11/7/2007	22:00:00	11.27	48.7	7.58	9.23	48.3	7.43	9.48	49.1	7.49	10.01	49.6	7.60			
11/7/2007	23:00:00	11.24	48.4	7.58	9.32	48.1	7.41	9.56	48.8	7.49	9.98	49.4	7.61			
11/8/2007	0:00:00	11.17	48.1	7.58	9.32	47.9	7.39	9.89	48.8	7.50	9.87	49.3	7.57			
11/8/2007	1:00:00	11.14	47.9	7.58	9.44	47.6	7.38	9.86	48.8	7.51	9.85	49.1	7.58			
11/8/2007	2:00:00	11.12	47.6	7.58	9.02	47.4	7.36	9.87	48.8	7.52	9.77	49.0	7.56			
11/8/2007	3:00:00	11.11	47.4	7.59	9.01	47.1	7.35	9.98	48.9	7.54	9.79	48.8	7.55			
11/8/2007	4:00:00	11.02	47.1	7.59	9.04	46.9	7.34	10.27	48.7	7.56	9.78	48.7	7.53			
11/8/2007	5:00:00	11.03	46.8	7.60	9.35	46.6	7.33	10.36	48.6	7.58	9.67	48.6	7.51			
11/8/2007	6:00:00	11.00	46.6	7.61	9.12	46.3	7.32	10.52	48.6	7.60	9.60	48.5	7.47			
11/8/2007	7:00:00	10.98	46.3	7.62	9.26	46.1	7.32	10.40	48.3	7.60	9.50	48.3	7.47			
11/8/2007	8:00:00	10.99	46.0	7.62	9.52	45.9	7.32	10.25	48.1	7.61	9.55	48.2	7.46			
11/8/2007	9:00:00	11.10	45.8	7.63	9.60	45.7	7.33	10.40	47.9	7.60	9.63	48.1	7.46			
11/8/2007	10:00:00	11.38	45.8	7.66	10.04	46.0	7.36	10.49	47.9	7.61	9.75	48.2	7.44			
11/8/2007	11:00:00	11.81	46.0	7.69	9.87	46.4	7.41	10.58	47.9	7.61	9.84	48.4	7.44			
11/8/2007	12:00:00	12.23	46.4	7.73	10.42	46.8	7.46	10.23	47.9	7.61	10.02	48.5	7.45			
11/8/2007	13:00:00	12.63	46.9	7.77	10.51	47.0	7.51	10.33	47.9	7.61	10.15	48.8	7.50			
11/8/2007	14:00:00	12.91	47.5	7.78	10.50	47.2	7.54	10.37	47.9	7.62	10.39	49.3	7.50			
11/8/2007	15:00:00	13.16	48.1	7.79	10.31	47.3	7.59	10.38	47.8	7.62	10.42	49.5	7.60			
11/8/2007	16:00:00	13.32	48.5	7.82	10.69	47.4	7.62	10.30	47.7	7.61	10.55	49.9	7.58			
11/8/2007	17:00:00	13.32	48.4	7.85	10.95	47.3	7.63	10.20	47.6	7.61	10.57	49.8	7.60			
11/8/2007	18:00:00	13.12	47.9	7.87	10.52	47.0	7.61	10.11	47.3	7.60	10.56	49.8	7.59			
11/8/2007	19:00:00	12.81	47.5	7.84	10.46	46.7	7.58	10.22	47.1	7.58	10.28	49.7	7.59			
11/8/2007	20:00:00	12.47	47.1	7.80	10.50	46.5	7.54	10.12	46.9	7.57	10.31	49.6	7.58			
11/8/2007	21:00:00	12.27	46.8	7.76	10.42	46.3	7.51	10.31	46.8	7.56	10.41	49.3	7.63			
11/8/2007	22:00:00	12.16	46.6	7.75	10.28	46.0	7.50	9.88	46.7	7.55	10.42	48.9	7.62			
11/8/2007	23:00:00	12.06	46.4	7.74	10.36	45.8	7.48	10.05	46.5	7.54	10.34	48.5	7.63			
11/9/2007	0:00:00	12.01	46.1	7.72	10.12	45.6	7.45	10.01	46.5	7.53	10.23	48.1	7.61			
11/9/2007	1:00:00	12.00	45.9	7.72	10.03	45.4	7.43	10.28	46.4	7.53	10.11	47.9	7.61			

Vincent Dam provisional data provided by USGS

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Vincent Dam data collection discontinued October through March by USGS

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
11/9/2007	2:00:00	11.90	45.7	7.70	10.02	45.2	7.41	10.36	46.8	7.54	10.03	47.7	7.56			
11/9/2007	3:00:00	11.91	45.4	7.70	10.14	45.0	7.40	10.54	47.1	7.54	9.96	47.5	7.51			
11/9/2007	4:00:00	11.85	45.2	7.71	10.08	44.8	7.39	10.44	47.5	7.55	9.98	47.3	7.52			
11/9/2007	5:00:00				9.96	44.7	7.38	10.50	47.8	7.57	9.93	47.2	7.50			
11/9/2007	6:00:00				10.15	44.5	7.36	10.46	48.0	7.59	9.96	47.0	7.44			
11/9/2007	7:00:00				10.02	44.3	7.35	10.60	48.2	7.61	9.98	46.8	7.43			
11/9/2007	8:00:00				10.00	44.1	7.34	10.69	48.1	7.63	9.96	46.7	7.42			
11/9/2007	9:00:00				10.19	44.1	7.34	10.63	48.1	7.64	10.02	46.6	7.41			
11/9/2007	10:00:00				10.30	44.3	7.37	10.85	48.2	7.65	10.04	46.5	7.42			
11/9/2007	11:00:00				10.35	44.6	7.41	10.71	48.4	7.66	10.21	46.5	7.43			
11/9/2007	12:00:00				10.63	45.0	7.45	10.69	48.5	7.66	10.26	46.6	7.42			
11/9/2007	13:00:00				10.76	45.3	7.49	10.67	48.5	7.67	10.32	46.7	7.46			
11/9/2007	14:00:00				11.20	45.6	7.54	10.74	48.5	7.66	10.22	46.8	7.41			
11/9/2007	15:00:00				11.08	45.8	7.57	10.56	48.5	7.66	10.15	46.9	7.40			
11/9/2007	16:00:00				11.37	45.8	7.61	10.54	48.5	7.66	10.39	47.2	7.43			
11/9/2007	17:00:00				11.45	45.8	7.62	10.56	48.4	7.65	10.51	47.4	7.44			
11/9/2007	18:00:00				11.13	45.6	7.61	10.49	48.3	7.64	10.54	47.5	7.48			
11/9/2007	19:00:00				10.69	45.5	7.57	10.36	48.1	7.63	10.71	47.5	7.59			
11/9/2007	20:00:00				10.86	45.3	7.54	10.33	48.0	7.63	10.91	47.5	7.60			
11/9/2007	21:00:00				10.57	45.3	7.51	10.27	47.6	7.62	10.82	47.5	7.61			
11/9/2007	22:00:00				10.23	45.2	7.48	10.40	47.1	7.61	10.85	47.4	7.61			
11/9/2007	23:00:00				10.02	45.2	7.46	10.29	46.2	7.60	10.84	47.4	7.59			
11/10/2007	0:00:00				10.28	45.1	7.44	10.15	45.9	7.59	10.80	47.4	7.63			
11/10/2007	1:00:00				10.23	45.1	7.43	10.23	45.7	7.58	10.86	47.1	7.65			
11/10/2007	2:00:00				10.33	45.0	7.41	10.32	45.5	7.57	10.76	47.0	7.61			
11/10/2007	3:00:00				10.45	45.0	7.39	10.30	45.5	7.56	10.71	46.9	7.64			
11/10/2007	4:00:00				10.32	45.0	7.38	10.28	45.5	7.55	10.67	46.7	7.56			
11/10/2007	5:00:00				10.33	45.0	7.37	10.28	45.5	7.54	10.68	46.6	7.57			
11/10/2007	6:00:00				10.25	44.9	7.36	10.69	46.5	7.57	10.58	46.5	7.57			
11/10/2007	7:00:00				9.96	44.9	7.35	10.75	46.8	7.58	10.45	46.3	7.59			
11/10/2007	8:00:00				10.25	44.9	7.33	10.88	47.1	7.60	10.48	46.2	7.55			
11/10/2007	9:00:00				10.26	44.8	7.33	10.81	47.2	7.61	10.47	46.0	7.50			
11/10/2007	10:00:00				10.62	44.9	7.35	10.81	47.4	7.62	10.51	45.9	7.50			
11/10/2007	11:00:00				10.77	45.1	7.38	10.91	47.6	7.63	10.48	45.8	7.50			

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Vincent Dam data collection discontinued October through March by USGS

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
11/10/2007	12:00:00				10.81	45.3	7.42	10.87	47.8	7.64	10.62	45.8	7.52			
11/10/2007	13:00:00				11.29	45.6	7.46	10.90	47.9	7.64	10.56	45.9	7.51			
11/10/2007	14:00:00				11.31	45.9	7.52	10.95	48.0	7.65	10.55	45.8	7.51			
11/10/2007	15:00:00				11.46	46.0	7.55	10.88	48.0	7.65	10.54	45.9	7.53			
11/10/2007	16:00:00				11.38	45.8	7.56	11.07	48.0	7.64	10.60	45.9	7.54			
11/10/2007	17:00:00				11.25	45.9	7.55	10.89	48.0	7.64	10.52	45.9	7.51			
11/10/2007	18:00:00				11.04	46.0	7.55	11.02	48.0	7.63	10.56	45.9	7.55			
11/10/2007	19:00:00				11.06	45.9	7.52	10.98	47.9	7.62	10.56	46.0	7.57			
11/10/2007	20:00:00				11.15	45.9	7.50	11.25	47.9	7.61	10.69	46.1	7.58			
11/10/2007	21:00:00				10.73	45.9	7.48	10.94	48.1	7.60	10.74	46.2	7.63			
11/10/2007	22:00:00				11.14	45.7	7.46	11.04	48.3	7.59	10.89	46.3	7.61			
11/10/2007	23:00:00				11.00	45.5	7.44	10.88	48.5	7.58	10.79	46.3	7.60			
11/11/2007	0:00:00				10.90	45.3	7.43	10.72	48.5	7.56	10.76	46.2	7.61			
11/11/2007	1:00:00				10.97	45.1	7.41	10.72	48.7	7.55	10.67	46.2	7.61			
11/11/2007	2:00:00				10.92	44.8	7.38	10.81	48.9	7.54	10.72	46.2	7.60			
11/11/2007	3:00:00				10.64	44.6	7.37	10.75	49.0	7.53	10.71	46.2	7.62			
11/11/2007	4:00:00				10.59	44.3	7.36	10.82	49.2	7.53	10.65	46.3	7.61			
11/11/2007	5:00:00				10.78	44.1	7.35	10.74	49.3	7.53	10.64	46.2	7.61			
11/11/2007	6:00:00				10.57	43.8	7.34	10.69	49.5	7.53	10.61	46.2	7.62			
11/11/2007	7:00:00				10.73	43.6	7.33	10.87	49.6	7.54	10.53	46.2	7.57			
11/11/2007	8:00:00				10.89	43.4	7.32	10.95	49.7	7.54	10.57	46.1	7.53			
11/11/2007	9:00:00				10.92	43.3	7.33	11.09	49.8	7.56	10.62	46.1	7.53			
11/11/2007	10:00:00				11.21	43.5	7.37	11.06	50.0	7.57	10.58	46.3	7.49			
11/11/2007	11:00:00				11.42	44.1	7.42	11.11	50.4	7.57	10.61	46.3	7.55			
11/11/2007	12:00:00				11.65	44.7	7.48	11.24	50.9	7.58	10.59	46.5	7.49			
11/11/2007	13:00:00				11.65	45.4	7.53	11.01	51.1	7.59	10.55	46.6	7.41			
11/11/2007	14:00:00				11.69	45.8	7.58	10.87	51.3	7.59	10.57	47.0	7.49			
11/11/2007	15:00:00				11.93	45.9	7.62	10.74	51.4	7.58	10.41	47.3	7.44			
11/11/2007	16:00:00				11.78	46.0	7.64	10.77	51.4	7.57	10.42	47.0	7.51			
11/11/2007	17:00:00				11.75	45.8	7.66	10.53	51.0	7.56	10.44	47.2	7.50			
11/11/2007	18:00:00				11.66	45.5	7.66	10.41	50.6	7.56	10.36	47.0	7.47			
11/11/2007	19:00:00				11.43	45.2	7.64	10.62	50.0	7.55	10.29	47.0	7.54			
11/11/2007	20:00:00				11.42	45.2	7.61	10.50	49.2	7.54	10.16	46.9	7.55			
11/11/2007	21:00:00				11.48	45.1	7.58	10.50	48.3	7.52	10.25	46.8	7.52			

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Vincent Dam data collection discontinued October through March by USGS

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
11/11/2007	22:00:00				11.20	45.0	7.56	10.19	47.8	7.51	10.36	46.8	7.55			
11/11/2007	23:00:00				11.04	44.9	7.53	10.05	47.6	7.49	10.59	46.8	7.60			
11/12/2007	0:00:00				11.05	44.9	7.51	9.79	47.5	7.47	10.80	46.6	7.62			
11/12/2007	1:00:00				11.10	44.9	7.49	9.59	47.4	7.44	10.86	46.4	7.64			
11/12/2007	2:00:00				10.88	45.0	7.48	9.63	47.5	7.43	10.84	46.3	7.62			
11/12/2007	3:00:00				10.83	45.1	7.46	9.94	48.6	7.44	10.75	46.3	7.64			
11/12/2007	4:00:00				11.12	45.1	7.45	9.92	49.0	7.44	10.69	46.3	7.62			
11/12/2007	5:00:00				10.90	45.1	7.43	9.94	50.0	7.46	10.60	46.2	7.59			
11/12/2007	6:00:00				10.77	45.1	7.42	10.16	50.5	7.48	10.47	46.2	7.56			
11/12/2007	7:00:00				10.82	45.0	7.40	10.38	51.1	7.51	10.45	46.3	7.55			
11/12/2007	8:00:00				10.75	45.0	7.39	10.58	51.7	7.53	10.41	46.3	7.53			
11/12/2007	9:00:00				10.91	45.1	7.39	10.58	52.2	7.55	10.40	46.3	7.44			
11/12/2007	10:00:00				10.78	45.3	7.40	10.52	52.5	7.56	10.35	46.5	7.45			
11/12/2007	11:00:00				11.10	45.4	7.44	9.91	52.7	7.59	10.58	46.5	7.58			
11/12/2007	12:00:00				10.71	45.7	7.47	11.20	52.8	7.64	10.70	46.5	7.61			
11/12/2007	13:00:00	12.53	46.3	8.17	11.05	46.0	7.52	10.92	53.0	7.66	10.59	46.4	7.60			
11/12/2007	14:00:00	12.80	46.5	8.20	10.87	46.2	7.56	10.96	53.1	7.67	10.56	46.4	7.58			
11/12/2007	15:00:00	12.98	46.8	8.21	10.95	46.5	7.61	10.96	53.2	7.68	10.51	46.4	7.54			
11/12/2007	16:00:00	13.24	47.1	8.23	11.22	46.8	7.67	10.75	53.1	7.68	10.32	46.7	7.49			
11/12/2007	17:00:00	13.20	47.3	8.27	11.35	47.0	7.71	10.68	53.0	7.67	10.46	46.9	7.51			
11/12/2007	18:00:00	12.98	47.3	8.26	11.43	47.0	7.72	10.45	52.8	7.65	10.51	46.9	7.52			
11/12/2007	19:00:00	12.53	47.2	8.23	11.23	46.9	7.69	10.49	52.6	7.64	10.41	47.0	7.53			
11/12/2007	20:00:00	12.08	47.2	8.17	11.14	46.9	7.65	10.48	52.2	7.64	10.55	47.1	7.57			
11/12/2007	21:00:00	11.79	47.2	8.12	10.70	47.0	7.61	10.41	51.8	7.65	10.57	47.2	7.58			
11/12/2007	22:00:00	11.58	47.2	8.07	10.74	47.0	7.58	10.21	51.6	7.65	10.50	47.4	7.57			
11/12/2007	23:00:00	11.42	47.3	8.04	10.78	47.0	7.56	10.53	51.4	7.64	10.73	47.5	7.60			
11/13/2007	0:00:00	11.29	47.3	8.01	10.34	47.0	7.53	10.28	51.2	7.63	10.79	47.5	7.63			
11/13/2007	1:00:00	11.13	47.3	7.98	10.21	47.1	7.50	10.13	51.2	7.62	10.85	47.6	7.65			
11/13/2007	2:00:00	11.06	47.4	7.95	10.16	47.1	7.47	10.58	51.1	7.60	10.78	47.8	7.64			
11/13/2007	3:00:00	10.88	47.5	7.92	9.97	47.2	7.45	10.47	50.8	7.60	10.83	47.9	7.62			
11/13/2007	4:00:00	10.79	47.5	7.89	9.99	47.2	7.43	9.91	50.1	7.60	10.79	48.0	7.61			
11/13/2007	5:00:00	10.66	47.6	7.87	9.78	47.3	7.40	9.90	50.1	7.59	10.65	48.1	7.58			
11/13/2007	6:00:00	10.54	47.6	7.84	9.68	47.3	7.38	10.27	50.5	7.61	10.60	48.2	7.55			
11/13/2007	7:00:00	10.44	47.6	7.83	9.78	47.3	7.36	10.25	50.7	7.61	10.51	48.3	7.48			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/13/2007	8:00:00	10.31	47.7	7.80	9.50	47.4	7.35	10.78	51.0	7.63	10.49	48.3	7.46			
11/13/2007	9:00:00	10.22	47.8	7.79	9.69	47.5	7.33	10.95	51.3	7.65	10.43	48.3	7.49			
11/13/2007	10:00:00	10.27	47.9	7.77	9.59	47.7	7.33	10.94	51.6	7.67	10.42	48.3	7.41			
11/13/2007	11:00:00	10.56	48.0	7.78	9.68	47.8	7.35	10.74	51.7	7.68	10.38	48.4	7.42			
11/13/2007	12:00:00	10.85	48.3	7.78	10.06	48.1	7.38	10.91	51.9	7.68	10.44	48.5	7.42			
11/13/2007	13:00:00	11.58	48.9	7.79	10.46	48.5	7.45	10.88	52.2	7.68	10.38	48.6	7.42			
11/13/2007	14:00:00	12.30	49.7	7.82	10.77	49.1	7.52	11.03	52.4	7.69	10.35	48.7	7.40			
11/13/2007	15:00:00	12.91	50.7	7.85	10.81	49.8	7.62	10.95	53.0	7.70	10.39	49.1	7.41			
11/13/2007	16:00:00	13.32	51.3	7.91	10.96	50.0	7.69	11.04	52.1	7.70	10.40	48.7	7.39			
11/13/2007	17:00:00	13.39	51.3	7.97	11.27	50.0	7.74	10.73	51.5	7.71	10.35	49.0	7.37			
11/13/2007	18:00:00	12.97	50.8	8.01	10.85	49.7	7.75	10.88	51.3	7.71	10.36	49.1	7.41			
11/13/2007	19:00:00	12.34	50.3	8.00	10.62	49.5	7.70	10.79	51.1	7.70	10.11	49.1	7.43			
11/13/2007	20:00:00	11.74	49.9	7.95	10.29	49.2	7.65	10.74	50.9	7.70	10.00	49.0	7.43			
11/13/2007	21:00:00	11.37	49.5	7.91	10.05	49.0	7.61	10.57	50.7	7.69	10.17	49.0	7.41			
11/13/2007	22:00:00	11.12	49.2	7.88	10.14	48.7	7.57	10.51	50.5	7.68	10.11	49.0	7.37			
11/13/2007	23:00:00	10.93	49.0	7.86	10.08	48.5	7.54	10.39	50.5	7.66	10.23	49.0	7.41			
11/14/2007	0:00:00	10.79	48.7	7.84	9.88	48.2	7.51	10.15	50.7	7.64	10.21	48.9	7.38			
11/14/2007	1:00:00	10.72	48.6	7.83	9.81	48.0	7.48	9.88	50.8	7.62	10.26	49.0	7.39			
11/14/2007	2:00:00	10.63	48.4	7.83	9.86	47.9	7.46	9.90	51.0	7.61	10.39	49.0	7.47			
11/14/2007	3:00:00	10.57	48.2	7.83	9.74	47.8	7.44	9.87	51.5	7.61	10.50	49.1	7.49			
11/14/2007	4:00:00	10.41	48.1	7.82	9.71	47.7	7.42	10.07	51.9	7.61	10.46	49.2	7.52			
11/14/2007	5:00:00	10.33	47.9	7.81	9.46	47.6	7.40	10.01	52.3	7.62	10.43	49.2	7.47			
11/14/2007	6:00:00	10.23	47.7	7.81	9.42	47.4	7.38	10.16	52.7	7.63	10.41	49.3	7.49			
11/14/2007	7:00:00	10.13	47.6	7.81	9.47	47.3	7.35	10.36	53.0	7.66	10.33	49.4	7.42			
11/14/2007	8:00:00	10.11	47.4	7.81	9.45	47.2	7.34	10.28	53.2	7.68	10.25	49.5	7.36			
11/14/2007	9:00:00	10.06	47.4	7.81	9.49	47.2	7.33	10.44	53.3	7.70	10.30	49.6	7.39			
11/14/2007	10:00:00	10.18	47.5	7.81	9.72	47.3	7.35	10.39	53.5	7.72	10.01	49.8	7.36			
11/14/2007	11:00:00	10.45	47.5	7.83	9.83	47.4	7.37	10.28	53.6	7.72	9.94	50.0	7.37			
11/14/2007	12:00:00	10.80	47.8	7.84	10.17	47.8	7.41	10.17	53.9	7.73	9.92	50.2	7.34			
11/14/2007	13:00:00	11.34	48.0	7.87	10.29	48.1	7.46	10.06	53.9	7.73	10.23	50.4	7.32			
11/14/2007	14:00:00	11.50	48.2	7.89	10.43	48.2	7.50	10.12	53.9	7.72	10.13	50.5	7.36			
11/14/2007	15:00:00	11.50	48.5	7.89	10.44	48.4	7.52	10.11	53.8	7.71	9.87	50.7	7.37			
11/14/2007	16:00:00	11.54	48.7	7.89	10.20	48.6	7.54	10.29	53.5	7.70	9.84	51.0	7.35			
11/14/2007	17:00:00	11.33	48.8	7.89	10.14	48.7	7.53	10.18	52.8	7.69	9.82	51.0	7.33			

Vincent Dam provisional data provided by USGS

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Vincent Dam data collection discontinued October through March by USGS

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
11/14/2007	18:00:00	11.08	48.8	7.87	9.88	48.7	7.49	10.01	52.5	7.69	9.64	51.0	7.32			
11/14/2007	19:00:00	10.74	48.8	7.85	9.76	48.7	7.46	10.04	52.1	7.68	9.80	51.0	7.36			
11/14/2007	20:00:00	10.46	48.8	7.83	9.62	48.7	7.43	9.86	51.8	7.68	9.72	51.0	7.39			
11/14/2007	21:00:00	10.32	48.8	7.80	9.44	48.7	7.41	10.02	51.6	7.67	9.86	50.9	7.41			
11/14/2007	22:00:00	10.20	48.8	7.79	9.37	48.8	7.38	9.83	51.7	7.66	10.00	50.9	7.43			
11/14/2007	23:00:00	10.09	48.9	7.77	9.15	48.8	7.36	9.58	51.8	7.63	10.06	50.9	7.43			
11/15/2007	0:00:00	10.01	48.9	7.75	9.06	48.8	7.34	9.51	52.3	7.62	10.08	50.9	7.40			
11/15/2007	1:00:00	9.91	48.9	7.75	9.00	48.8	7.32	9.49	52.6	7.60	10.07	50.9	7.42			
11/15/2007	2:00:00	9.82	48.9	7.74	8.98	48.8	7.30	9.28	52.8	7.58	10.10	50.9	7.42			
11/15/2007	3:00:00	9.76	48.9	7.74	8.89	48.8	7.29	9.19	53.0	7.58	10.19	51.0	7.41			
11/15/2007	4:00:00	9.71	49.0	7.72	8.82	48.9	7.27	9.38	53.2	7.58	10.30	51.0	7.44			
11/15/2007	5:00:00	9.59	49.1	7.70	8.71	49.0	7.26	9.49	53.4	7.59	10.35	51.0	7.44			
11/15/2007	6:00:00	9.50	49.1	7.69	8.71	49.0	7.25	9.40	53.6	7.60	10.44	51.0	7.56			
11/15/2007	7:00:00	9.44	49.2	7.67	8.70	49.1	7.24	9.45	53.6	7.60	10.43	50.8	7.50			
11/15/2007	8:00:00	9.41	49.3	7.67	8.81	49.2	7.23	9.55	53.7	7.61	10.39	50.7	7.46			
11/15/2007	9:00:00	9.42	49.4	7.67	8.46	49.3	7.22	9.75	53.6	7.62	10.28	50.7	7.53			
11/15/2007	10:00:00	9.46	49.5	7.66	8.55	49.4	7.23	9.56	53.6	7.62	10.26	50.6	7.49			
11/15/2007	11:00:00	9.64	49.4	7.68	8.56	49.4	7.24	9.51	53.6	7.61	10.29	50.5	7.49			
11/15/2007	12:00:00	9.91	49.5	7.70	8.67	49.4	7.27	9.49	53.6	7.61	10.27	50.5	7.49			
11/15/2007	13:00:00	10.05	49.5	7.71	9.11	49.5	7.31	9.51	53.7	7.60	10.29	50.5	7.49			
11/15/2007	14:00:00	10.09	49.5	7.71	9.02	49.5	7.34	9.78	53.4	7.60	10.33	50.5	7.51			
11/15/2007	15:00:00	10.12	49.5	7.72	9.24	49.4	7.36	9.96	52.9	7.60	10.17	50.3	7.48			
11/15/2007	16:00:00	10.03	49.5	7.71	9.23	49.4	7.38	10.16	52.3	7.58	10.21	50.2	7.53			
11/15/2007	17:00:00	9.88	49.5	7.71	9.16	49.4	7.37	10.08	52.0	7.57	10.30	50.1	7.56			
11/15/2007	18:00:00	9.85	49.5	7.70	8.94	49.3	7.33	9.99	51.8	7.55	10.24	50.0	7.54			
11/15/2007	19:00:00	9.76	49.3	7.70	8.62	49.2	7.29	10.19	51.6	7.54	10.23	50.0	7.53			
11/15/2007	20:00:00	9.67	49.2	7.70	8.46	49.1	7.26	9.88	51.4	7.53	10.39	50.0	7.54			
11/15/2007	21:00:00	9.55	49.1	7.69	8.59	49.0	7.23	9.40	51.8	7.51	10.45	50.3	7.56			
11/15/2007	22:00:00	9.57	48.8	7.71	8.57	48.9	7.20	9.55	52.7	7.50	10.52	50.3	7.59			
11/15/2007	23:00:00	9.61	48.5	7.73	8.33	48.7	7.19	9.75	52.9	7.51	10.42	50.3	7.60			
11/16/2007	0:00:00	9.60	48.3	7.75	8.40	48.5	7.18	10.10	52.7	7.51	10.47	50.2	7.61			
11/16/2007	1:00:00	9.57	48.1	7.77	8.43	48.3	7.17	10.25	52.0	7.52	10.42	50.3	7.60			
11/16/2007	2:00:00	9.53	47.9	7.77	8.48	48.2	7.16	10.18	51.5	7.52	10.28	50.3	7.57			
11/16/2007	3:00:00	9.49	47.8	7.77	8.38	48.0	7.15	10.50	51.1	7.52	10.20	50.3	7.57			

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Vincent Dam data collection discontinued October through March by USGS

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
11/16/2007	4:00:00	9.48	47.7	7.77	8.33	47.9	7.14	10.30	50.6	7.52	10.11	50.3	7.54			
11/16/2007	5:00:00	9.44	47.7	7.75	8.24	47.8	7.12	10.31	50.4	7.50	10.03	50.3	7.50			
11/16/2007	6:00:00	9.39	47.5	7.75	8.20	47.7	7.10	10.32	50.2	7.48	9.99	50.2	7.51			
11/16/2007	7:00:00	9.41	47.4	7.75	8.15	47.6	7.07	10.40	50.1	7.46	9.91	50.1	7.48			
11/16/2007	8:00:00	9.40	47.3	7.75	8.03	47.5	7.06	10.34	49.9	7.44	9.92	50.0	7.48			
11/16/2007	9:00:00	9.39	47.2	7.75	8.14	47.5	7.04	10.24	49.8	7.43	9.98	49.9	7.48			
11/16/2007	10:00:00	9.53	47.2	7.75	8.16	47.5	7.03	9.92	49.3	7.42	10.07	49.8	7.50			
11/16/2007	11:00:00	9.62	47.2	7.75	8.24	47.7	7.03	9.93	48.9	7.40	10.17	49.9	7.54			
11/16/2007	12:00:00	9.77	47.4	7.75	8.23	47.9	7.03	10.14	48.7	7.40	10.26	49.8	7.55			
11/16/2007	13:00:00	9.92	47.7	7.76	8.36	47.8	7.04	10.20	48.8	7.40	10.37	49.6	7.57			
11/16/2007	14:00:00	10.06	47.8	7.77	8.54	47.8	7.05	10.22	49.2	7.40	10.41	49.7	7.58			
11/16/2007	15:00:00	10.16	47.8	7.79	8.34	47.8	7.07	9.93	49.4	7.40	10.43	49.6	7.58			
11/16/2007	16:00:00	10.19	47.7	7.81	8.78	47.7	7.09	10.05	49.3	7.39	10.48	49.3	7.59			
11/16/2007	17:00:00	10.20	47.5	7.83	8.84	47.5	7.11	9.94	49.3	7.39	10.45	49.2	7.58			
11/16/2007	18:00:00	10.19	47.3	7.85	8.78	47.3	7.12	10.10	49.4	7.38	10.40	49.1	7.57			
11/16/2007	19:00:00	10.15	47.1	7.85	8.78	47.2	7.13	10.14	49.3	7.37	10.47	49.0	7.54			
11/16/2007	20:00:00	10.15	46.9	7.87	9.09	47.0	7.14	10.14	49.3	7.36	10.41	48.9	7.53			
11/16/2007	21:00:00	10.19	46.7	7.90	9.15	46.7	7.15	10.06	49.3	7.36	10.52	48.6	7.51			
11/16/2007	22:00:00	10.16	46.5	7.90	8.90	46.5	7.15	10.07	49.2	7.35	10.58	48.4	7.53			
11/16/2007	23:00:00	10.15	46.3	7.89	9.06	46.3	7.16	10.27	49.0	7.34	10.64	48.1	7.52			
11/17/2007	0:00:00	10.15	46.0	7.92	8.80	46.1	7.16	10.40	48.8	7.33	10.81	47.9	7.52			
11/17/2007	1:00:00	10.15	45.7	7.93	9.06	45.9	7.16	10.40	48.8	7.31	10.95	47.6	7.54			
11/17/2007	2:00:00	10.17	45.5	7.94	9.03	45.6	7.16	10.45	48.4	7.31	11.10	47.3	7.56			
11/17/2007	3:00:00	10.18	45.2	7.96	9.30	45.3	7.16	10.56	48.1	7.31	11.09	47.2	7.54			
11/17/2007	4:00:00	10.20	45.0	7.97	9.26	45.1	7.15	10.58	47.9	7.30	11.13	47.0	7.51			
11/17/2007	5:00:00	10.24	44.8	7.97	9.16	44.8	7.15	10.69	47.8	7.30	11.25	46.9	7.55			
11/17/2007	6:00:00	10.25	44.6	7.98	9.07	44.7	7.14	10.68	47.6	7.30	11.31	46.7	7.53			
11/17/2007	7:00:00	10.29	44.5	7.98	9.22	44.6	7.14	10.58	47.5	7.30	11.33	46.4	7.54			
11/17/2007	8:00:00	10.34	44.4	7.99	9.18	44.4	7.13	10.68	47.4	7.31	11.34	46.3	7.53			
11/17/2007	9:00:00	10.40	44.2	8.00	9.24	44.3	7.14	10.71	47.3	7.31	11.34	46.1	7.51			
11/17/2007	10:00:00	10.59	44.3	8.01	9.40	44.3	7.15	10.69	47.3	7.32	11.36	46.1	7.50			
11/17/2007	11:00:00	10.84	44.4	8.02	9.65	44.5	7.17	10.66	47.2	7.32	11.35	46.2	7.52			
11/17/2007	12:00:00	11.12	44.6	8.04	9.89	44.8	7.21	10.55	47.3	7.32	11.35	46.5	7.50			
11/17/2007	13:00:00	11.39	45.0	8.06	9.92	45.1	7.24	10.62	47.3	7.33	11.36	46.7	7.50			

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Vincent Dam data collection discontinued October through March by USGS

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
11/17/2007	14:00:00	11.62	45.3	8.09	10.01	45.3	7.29	10.69	47.2	7.34	11.31	46.8	7.51			
11/17/2007	15:00:00	11.77	45.5	8.10	10.26	45.5	7.33	10.66	47.2	7.34	11.23	46.8	7.40			
11/17/2007	16:00:00	11.82	45.5	8.14	10.40	45.5	7.36	10.56	47.2	7.34	11.22	46.9	7.35			
11/17/2007	17:00:00	11.85	45.6	8.15	10.36	45.5	7.39	10.59	47.2	7.34	11.11	46.8	7.38			
11/17/2007	18:00:00	11.68	45.5	8.16	10.22	45.4	7.39	10.36	47.2	7.34	11.14	46.7	7.37			
11/17/2007	19:00:00	11.52	45.4	8.16	10.30	45.3	7.39	10.41	47.3	7.34	10.99	46.8	7.36			
11/17/2007	20:00:00	11.45	45.3	8.15	10.15	45.2	7.38	10.67	47.4	7.35	11.07	46.6	7.33			
11/17/2007	21:00:00	11.32	45.2	8.16	10.10	45.1	7.38	10.52	47.6	7.35	11.04	46.6	7.34			
11/17/2007	22:00:00	11.25	45.2	8.15	10.01	45.1	7.37	10.59	47.7	7.36	11.04	46.6	7.35			
11/17/2007	23:00:00	11.22	45.1	8.14	9.78	45.0	7.36	10.53	47.7	7.36	11.03	46.5	7.35			
11/18/2007	0:00:00	11.17	45.1	8.14	9.91	45.0	7.35	10.61	47.7	7.37	11.02	46.5	7.35			
11/18/2007	1:00:00	11.13	45.0	8.14	10.04	44.9	7.34	10.85	47.7	7.38	11.17	46.4	7.37			
11/18/2007	2:00:00	11.02	45.0	8.14	9.85	44.9	7.34	10.78	47.7	7.39	11.16	46.4	7.36			
11/18/2007	3:00:00	11.01	44.9	8.14	9.78	44.8	7.33	10.84	47.7	7.40	11.18	46.4	7.35			
11/18/2007	4:00:00	10.97	44.9	8.14	9.75	44.8	7.32	10.82	47.7	7.40	11.23	46.4	7.35			
11/18/2007	5:00:00	10.91	44.8	8.14	9.72	44.8	7.32	10.80	47.7	7.41	11.36	46.4	7.38			
11/18/2007	6:00:00	10.83	44.8	8.13	9.70	44.7	7.31	10.91	47.6	7.41	11.45	46.4	7.39			
11/18/2007	7:00:00	10.78	44.7	8.13	9.80	44.7	7.30	11.02	47.5	7.42	11.56	46.4	7.39			
11/18/2007	8:00:00	10.76	44.6	8.13	9.58	44.6	7.30	11.00	47.4	7.42	11.64	46.4	7.39			
11/18/2007	9:00:00	10.72	44.6	8.13	9.49	44.5	7.29	11.02	47.1	7.43	11.66	46.4	7.37			
11/18/2007	10:00:00	10.78	44.5	8.12	9.78	44.5	7.29	10.94	46.9	7.44	11.77	46.4	7.36			
11/18/2007	11:00:00	10.86	44.5	8.14	10.05	44.5	7.30	10.95	46.7	7.44	11.80	46.4	7.39			
11/18/2007	12:00:00	10.91	44.5	8.14	9.67	44.5	7.30	10.94	46.4	7.44	11.80	46.4	7.38			
11/18/2007	13:00:00	10.98	44.4	8.15	9.93	44.4	7.31	10.98	46.2	7.44	11.78	46.3	7.40			
11/18/2007	14:00:00	11.00	44.4	8.15	9.91	44.4	7.30	10.97	46.0	7.44	11.72	46.3	7.37			
11/18/2007	15:00:00	11.08	44.3	8.16	9.71	44.3	7.31	10.92	46.0	7.44	11.73	46.2	7.36			
11/18/2007	16:00:00	11.12	44.3	8.16	9.86	44.2	7.31	10.85	45.9	7.44	11.74	46.1	7.39			
11/18/2007	17:00:00	11.05	44.3	8.17	9.87	44.2	7.31	11.04	45.9	7.44	11.63	46.0	7.36			
11/18/2007	18:00:00	10.97	44.3	8.17	9.84	44.2	7.30	10.79	45.9	7.43	11.63	45.9	7.37			
11/18/2007	19:00:00	10.93	44.2	8.17	9.78	44.1	7.29	10.70	46.0	7.43	11.57	45.8	7.38			
11/18/2007	20:00:00	10.88	44.0	8.17	9.77	43.9	7.28	10.80	46.1	7.43	11.56	45.8	7.37			
11/18/2007	21:00:00	10.88	43.9	8.17	9.62	43.8	7.28	10.61	46.1	7.42	11.59	45.7	7.37			
11/18/2007	22:00:00	10.86	43.9	8.16	9.68	43.7	7.27	10.67	46.2	7.42	11.55	45.6	7.36			
11/18/2007	23:00:00	10.82	43.9	8.17	9.73	43.7	7.26	10.59	46.3	7.42	11.62	45.6	7.35			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/19/2007	0:00:00	10.84	43.8	8.17	9.68	43.7	7.26	10.79	46.4	7.42	11.70	45.6	7.33			
11/19/2007	1:00:00	10.83	43.7	8.17	9.78	43.6	7.26	10.73	46.5	7.42	11.62	45.5	7.31			
11/19/2007	2:00:00	10.84	43.6	8.16	9.74	43.5	7.26	10.60	46.5	7.43	11.60	45.6	7.31			
11/19/2007	3:00:00	10.44	43.5	8.16	9.63	43.4	7.25	10.74	46.5	7.43	11.70	45.5	7.34			
11/19/2007	4:00:00	10.49	43.4	8.16	9.71	43.2	7.24	10.60	46.5	7.43	11.76	45.5	7.35			
11/19/2007	5:00:00	10.49	43.3	8.17	9.70	43.1	7.24	10.63	46.4	7.43	11.82	45.3	7.31			
11/19/2007	6:00:00	10.44	43.2	8.16	9.75	43.0	7.24	10.60	46.3	7.43	11.76	45.4	7.34			
11/19/2007	7:00:00	10.46	43.1	8.17	9.78	42.8	7.24	10.56	46.2	7.42	11.85	45.4	7.37			
11/19/2007	8:00:00	10.47	43.1	8.18	9.68	42.8	7.24	10.57	46.0	7.42	11.80	45.4	7.36			
11/19/2007	9:00:00	10.46	43.0	8.18	9.85	42.7	7.23	10.66	46.0	7.41	11.81	45.3	7.31			
11/19/2007	10:00:00	10.55	43.0	8.17	9.69	42.6	7.23	10.84	45.6	7.41	11.81	45.3	7.27			
11/19/2007	11:00:00	10.60	42.9	8.18	10.05	42.6	7.23	10.78	45.1	7.41	11.97	45.3	7.30			
11/19/2007	12:00:00	10.71	43.0	8.18	10.17	42.6	7.24	10.85	44.8	7.41	11.94	45.3	7.30			
11/19/2007	13:00:00	10.84	43.0	8.19	10.22	42.6	7.25	10.93	44.7	7.41	11.97	45.2	7.34			
11/19/2007	14:00:00	10.96	43.1	8.20	10.35	42.7	7.26	11.05	44.6	7.42	12.56	45.2	7.43			
11/19/2007	15:00:00	11.02	43.1	8.21	10.20	42.7	7.30	11.79	44.5	7.43	12.65	45.1	7.44			
11/19/2007	16:00:00	11.70	43.2	8.08	11.44	42.8	7.33	11.95	44.4	7.43	12.66	45.1	7.43			
11/19/2007	17:00:00	11.65	43.2	8.17	11.44	42.7	7.33	11.69	44.4	7.43	12.58	45.1	7.43			
11/19/2007	18:00:00	11.57	43.2	8.16	11.26	42.7	7.32	11.90	44.4	7.43	12.54	45.0	7.42			
11/19/2007	19:00:00	11.48	43.2	8.13	11.27	42.7	7.30	11.85	44.6	7.43	12.55	44.9	7.44			
11/19/2007	20:00:00	11.42	43.2	8.11	11.16	42.7	7.29	11.89	45.0	7.43	12.47	44.9	7.42			
11/19/2007	21:00:00	11.41	43.2	8.10	11.19	42.8	7.27	11.89	45.1	7.44	12.48	44.9	7.41			
11/19/2007	22:00:00	11.40	43.2	8.08	11.31	42.8	7.27	11.91	45.2	7.44	12.46	44.9	7.42			
11/19/2007	23:00:00	11.31	43.2	8.07	11.10	42.8	7.26	12.04	45.2	7.45	12.43	45.0	7.41			
11/20/2007	0:00:00	11.27	43.2	8.06	11.00	42.8	7.26	11.99	45.1	7.45	12.55	44.8	7.43			
11/20/2007	1:00:00	11.25	43.2	8.06	11.22	42.8	7.26	12.02	45.2	7.46	12.51	44.8	7.43			
11/20/2007	2:00:00	11.21	43.1	8.04	10.81	42.8	7.25	11.93	45.1	7.46	12.53	44.9	7.41			
11/20/2007	3:00:00	11.23	43.1	8.04	11.18	42.8	7.25	12.01	45.0	7.46	12.59	44.8	7.43			
11/20/2007	4:00:00	11.19	43.1	8.04	11.04	42.8	7.25	12.00	44.8	7.46	12.64	44.8	7.44			
11/20/2007	5:00:00	11.15	43.1	8.04	11.02	42.8	7.25	11.83	44.7	7.46	12.69	44.8	7.45			
11/20/2007	6:00:00	11.15	43.1	8.04	11.12	42.8	7.24	11.83	44.7	7.45	12.83	44.7	7.47			
11/20/2007	7:00:00	11.15	43.1	8.05	11.06	42.8	7.24	11.82	44.6	7.45	12.90	44.7	7.50			
11/20/2007	8:00:00	11.12	43.1	8.05	11.00	42.8	7.23	11.67	44.4	7.44	12.99	44.6	7.49			
11/20/2007	9:00:00	11.08	43.1	8.04	10.85	42.9	7.22	11.99	44.3	7.44	13.04	44.5	7.51			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/20/2007	10:00:00	11.15	43.2	8.05	11.10	42.9	7.22	11.92	44.3	7.43	13.05	44.3	7.51			
11/20/2007	11:00:00	11.17	43.3	8.04	10.91	43.0	7.23	11.98	44.3	7.43	13.06	44.3	7.50			
11/20/2007	12:00:00	11.25	43.4	8.04	11.02	43.1	7.23	11.72	44.3	7.42	13.00	44.4	7.47			
11/20/2007	13:00:00	11.21	43.5	8.03	11.19	43.2	7.24	11.81	44.3	7.42	13.08	44.1	7.48			
11/20/2007	14:00:00	11.29	43.7	8.03	11.13	43.4	7.24	11.89	44.4	7.42	13.03	44.2	7.47			
11/20/2007	15:00:00	11.39	43.9	8.04	11.18	43.5	7.26	11.79	44.4	7.42	13.04	44.2	7.47			
11/20/2007	16:00:00	11.37	44.0	8.04	11.11	43.6	7.27	11.72	44.4	7.41	13.07	44.2	7.47			
11/20/2007	17:00:00	11.45	44.1	8.04	11.26	43.8	7.27	11.86	44.6	7.41	13.06	44.2	7.47			
11/20/2007	18:00:00	11.34	44.2	8.03	11.19	43.8	7.27	11.77	44.9	7.41	13.06	44.3	7.46			
11/20/2007	19:00:00	11.28	44.2	8.03	11.15	43.9	7.26	11.62	45.2	7.41	12.97	44.3	7.47			
11/20/2007	20:00:00	11.18	44.3	8.02	11.02	44.0	7.25	11.81	45.3	7.41	12.98	44.3	7.48			
11/20/2007	21:00:00	11.11	44.4	8.00	10.98	44.0	7.25	11.64	45.4	7.40	12.99	44.3	7.47			
11/20/2007	22:00:00	11.07	44.5	8.00	10.81	44.1	7.25	11.66	45.4	7.40	13.05	44.2	7.49			
11/20/2007	23:00:00	10.99	44.5	7.98	10.89	44.2	7.25	11.68	45.5	7.40	12.98	44.3	7.48			
11/21/2007	0:00:00	10.98	44.6	7.99	10.99	44.2	7.24	11.67	45.5	7.40	13.03	44.2	7.49			
11/21/2007	1:00:00	10.93	44.6	7.97	11.03	44.3	7.24	11.80	45.7	7.40	13.03	44.3	7.49			
11/21/2007	2:00:00	10.90	44.7	7.97	10.71	44.4	7.25	11.68	45.8	7.40	13.03	44.3	7.49			
11/21/2007	3:00:00	10.86	44.7	7.97	10.86	44.4	7.24	11.54	45.7	7.40	13.07	44.3	7.49			
11/21/2007	4:00:00	10.79	44.8	7.97	10.86	44.4	7.24	11.43	45.9	7.40	13.04	44.3	7.49			
11/21/2007	5:00:00	10.76	44.8	7.97	10.62	44.5	7.24	11.47	45.9	7.39	13.03	44.3	7.49			
11/21/2007	6:00:00	10.70	44.9	7.97	10.78	44.6	7.23	11.54	45.9	7.39	13.06	44.3	7.49			
11/21/2007	7:00:00	10.72	44.9	7.97	10.65	44.6	7.23	11.48	45.8	7.39	13.04	44.3	7.49			
11/21/2007	8:00:00	10.66	45.0	7.98	10.53	44.7	7.22	11.38	45.6	7.39	13.01	44.3	7.49			
11/21/2007	9:00:00	11.24	45.0	7.97	10.44	44.8	7.22	11.30	45.6	7.38	12.98	44.4	7.49			
11/21/2007	10:00:00	11.31	45.1	7.99	10.58	44.9	7.22	11.36	45.6	7.38	12.94	44.4	7.49			
11/21/2007	11:00:00	11.48	45.4	7.98	10.66	45.1	7.24	11.51	45.7	7.38	12.71	44.6	7.49			
11/21/2007	12:00:00	11.76	45.8	7.98	10.94	45.5	7.27	11.43	45.9	7.38	12.91	45.0	7.50			
11/21/2007	13:00:00	12.02	46.3	7.98	11.04	46.1	7.31	11.54	46.2	7.39	12.78	45.5	7.49			
11/21/2007	14:00:00	12.19	46.8	7.97	11.20	46.4	7.35	11.43	46.5	7.39	12.72	45.8	7.48			
11/21/2007	15:00:00	12.27	47.2	7.97	11.36	46.6	7.38	11.50	46.8	7.39	12.68	46.1	7.49			
11/21/2007	16:00:00	12.27	47.4	7.98	11.14	46.7	7.40	11.37	47.2	7.39	12.61	46.3	7.49			
11/21/2007	17:00:00	12.28	47.4	7.98	11.20	46.8	7.41	11.34	47.4	7.40	12.52	46.4	7.48			
11/21/2007	18:00:00	12.15	47.4	7.98	10.97	46.8	7.42	11.41	47.6	7.39	12.40	46.5	7.47			
11/21/2007	19:00:00	11.97	47.3	7.97	11.04	46.8	7.41	11.31	47.9	7.40	12.18	46.5	7.45			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/21/2007	20:00:00	11.82	47.3	7.96	10.87	46.8	7.40	11.39	48.2	7.41	12.14	46.5	7.45			
11/21/2007	21:00:00	11.69	47.3	7.95	10.98	46.8	7.39	11.52	48.4	7.42	12.09	46.6	7.45			
11/21/2007	22:00:00	11.60	47.2	7.93	10.80	46.9	7.38	11.64	48.5	7.44	12.12	46.7	7.44			
11/21/2007	23:00:00	11.48	47.2	7.92	10.74	46.8	7.36	11.56	48.4	7.45	12.10	46.7	7.42			
11/22/2007	0:00:00	11.39	47.1	7.92	10.55	46.8	7.35	11.33	48.7	7.45	12.19	46.8	7.45			
11/22/2007	1:00:00	11.25	47.2	7.91	10.59	46.8	7.34	11.44	48.7	7.46	12.41	46.9	7.44			
11/22/2007	2:00:00	11.17	47.2	7.88	10.56	46.8	7.33	11.29	48.6	7.46	12.51	47.0	7.46			
11/22/2007	3:00:00	11.11	47.2	7.87	10.51	46.9	7.31	11.32	48.6	7.46	12.63	47.1	7.48			
11/22/2007	4:00:00	10.99	47.1	7.86	10.25	46.9	7.30	11.09	48.6	7.46	12.66	47.2	7.49			
11/22/2007	5:00:00	10.88	47.1	7.85	10.41	46.8	7.28	11.18	48.5	7.46	12.65	47.2	7.49			
11/22/2007	6:00:00	10.86	47.0	7.84	10.32	46.8	7.27	11.19	48.1	7.46	12.63	47.2	7.50			
11/22/2007	7:00:00	10.79	47.0	7.86	10.27	46.8	7.26	10.97	47.9	7.45	12.52	47.2	7.51			
11/22/2007	8:00:00	10.75	46.9	7.85	10.18	46.8	7.24	10.96	47.9	7.44	12.47	47.2	7.52			
11/22/2007	9:00:00	10.77	46.9	7.85	10.19	46.8	7.24	10.79	47.8	7.44	12.37	47.3	7.50			
11/22/2007	10:00:00	10.87	47.0	7.85	10.22	47.0	7.25	10.86	47.8	7.43	12.19	47.5	7.48			
11/22/2007	11:00:00	11.01	47.2	7.85	10.35	47.2	7.27	10.78	47.9	7.43	12.05	47.9	7.47			
11/22/2007	12:00:00	11.19	47.5	7.84	10.42	47.5	7.29	10.80	48.0	7.42	11.98	48.1	7.46			
11/22/2007	13:00:00	11.43	48.0	7.83	10.49	47.9	7.31	10.79	48.3	7.42	11.85	48.6	7.44			
11/22/2007	14:00:00	11.59	48.5	7.83	10.62	48.2	7.34	10.64	48.5	7.42	11.69	49.1	7.43			
11/22/2007	15:00:00	11.65	48.9	7.84	10.81	48.5	7.37	10.62	48.8	7.41	11.55	49.4	7.44			
11/22/2007	16:00:00	11.67	49.3	7.84	10.64	48.6	7.39	10.58	49.2	7.42	11.51	49.7	7.45			
11/22/2007	17:00:00	11.51	49.3	7.85	10.20	48.7	7.39	10.73	49.4	7.42	11.14	51.5	7.37			
11/22/2007	18:00:00	11.34	49.2	7.84	10.30	48.8	7.39	10.52	49.5	7.41	11.27	50.0	7.48			
11/22/2007	19:00:00	11.22	49.1	7.83	10.45	48.7	7.38	10.68	49.7	7.41	11.21	50.0	7.49			
11/22/2007	20:00:00	11.10	48.8	7.84	10.42	48.5	7.37	10.62	49.8	7.41	11.29	49.8	7.51			
11/22/2007	21:00:00	11.08	48.6	7.85	10.33	48.4	7.36	10.71	49.8	7.42	11.16	49.7	7.48			
11/22/2007	22:00:00	11.04	48.3	7.86	10.33	48.2	7.35	10.50	49.8	7.43	11.22	49.5	7.47			
11/22/2007	23:00:00	10.97	48.0	7.88	10.25	47.9	7.35	10.51	49.7	7.43	11.29	49.3	7.48			
11/23/2007	0:00:00	10.92	47.8	7.89	10.21	47.7	7.34	10.40	49.6	7.43	11.18	49.2	7.48			
11/23/2007	1:00:00	10.90	47.5	7.90	10.10	47.5	7.33	10.40	49.4	7.43	11.23	49.1	7.44			
11/23/2007	2:00:00	10.87	47.3	7.91	10.09	47.3	7.33	10.42	49.3	7.43	11.31	49.0	7.44			
11/23/2007	3:00:00	10.83	47.0	7.92	10.06	47.0	7.32	10.28	49.0	7.43	11.53	48.9	7.50			
11/23/2007	4:00:00	10.82	46.6	7.94	10.08	46.7	7.31	10.30	48.7	7.42	11.52	48.8	7.47			
11/23/2007	5:00:00	10.81	46.4	7.95	9.98	46.5	7.30	10.29	48.5	7.42	11.47	48.7	7.46			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/23/2007	6:00:00	10.76	46.1	7.96	9.88	46.2	7.29	10.31	48.2	7.42	11.51	48.6	7.47			
11/23/2007	7:00:00	10.75	45.8	7.98	9.82	45.9	7.28	10.28	48.0	7.41	11.44	48.5	7.44			
11/23/2007	8:00:00	10.78	45.5	7.99	9.87	45.6	7.27	10.23	47.8	7.41	11.41	48.3	7.42			
11/23/2007	9:00:00	10.81	45.3	8.00	9.95	45.4	7.26	10.18	47.5	7.41	11.30	48.2	7.38			
11/23/2007	10:00:00	10.95	45.1	8.02	10.16	45.3	7.27	10.34	47.3	7.41	11.36	48.1	7.40			
11/23/2007	11:00:00	11.16	44.9	8.03	10.24	45.2	7.28	10.28	47.2	7.41	11.30	47.9	7.39			
11/23/2007	12:00:00	11.46	45.2	8.03	10.26	45.3	7.31	10.43	47.4	7.41	11.28	48.1	7.42			
11/23/2007	13:00:00	11.70	45.7	8.03	10.46	45.5	7.34	10.32	47.3	7.41	11.24	48.4	7.48			
11/23/2007	14:00:00	11.95	46.2	8.04	10.66	45.6	7.37	10.58	47.1	7.42	11.22	48.5	7.39			
11/23/2007	15:00:00	12.15	46.5	8.06	10.84	45.5	7.40	10.42	47.1	7.42	11.00	48.6	7.40			
11/23/2007	16:00:00	12.27	46.3	8.11	10.84	45.3	7.42	10.52	46.9	7.43	11.01	48.6	7.44			
11/23/2007	17:00:00	12.24	45.9	8.16	10.88	45.0	7.44	10.48	46.8	7.43	10.97	48.4	7.48			
11/23/2007	18:00:00	12.12	45.5	8.18	10.51	44.8	7.45	10.58	46.7	7.42	10.79	48.2	7.42			
11/23/2007	19:00:00	12.02	45.3	8.18	10.84	44.7	7.44	10.68	46.6	7.43	10.84	48.0	7.46			
11/23/2007	20:00:00	11.91	45.0	8.17	10.89	44.4	7.44	10.67	46.6	7.43	10.81	47.7	7.44			
11/23/2007	21:00:00	11.85	44.8	8.16	10.83	44.2	7.43	10.55	46.5	7.44	10.78	47.5	7.42			
11/23/2007	22:00:00	11.83	44.5	8.17	10.89	44.0	7.42	10.75	46.3	7.44	10.84	47.3	7.42			
11/23/2007	23:00:00	11.83	44.2	8.18	10.75	43.8	7.41	10.67	46.2	7.45	10.96	47.1	7.50			
11/24/2007	0:00:00	11.81	43.9	8.18	10.75	43.5	7.40	10.66	46.0	7.45	11.01	46.9	7.41			
11/24/2007	1:00:00	11.79	43.6	8.18	10.80	43.3	7.39	10.67	45.9	7.45	11.16	46.7	7.45			
11/24/2007	2:00:00	11.78	43.4	8.19	10.75	43.1	7.38	10.75	45.7	7.46	11.27	46.6	7.45			
11/24/2007	3:00:00	11.78	43.2	8.19	9.14	43.0	7.36	10.65	45.6	7.45	11.32	46.4	7.46			
11/24/2007	4:00:00	11.76	42.9	8.19	9.17	42.7	7.35	10.77	45.5	7.46	11.45	46.3	7.46			
11/24/2007	5:00:00	11.76	42.6	8.20	9.15	42.5	7.34	10.82	45.4	7.46	11.49	46.1	7.46			
11/24/2007	6:00:00	11.80	42.3	8.21	9.13	42.2	7.33	10.73	45.1	7.46	11.55	45.8	7.48			
11/24/2007	7:00:00	11.82	42.0	8.21	9.18	42.0	7.32	10.86	44.7	7.46	11.56	45.6	7.45			
11/24/2007	8:00:00	11.81	41.7	8.22	9.15	41.7	7.31	10.96	44.3	7.46	11.58	45.3	7.42			
11/24/2007	9:00:00	11.88	41.5	8.23	9.23	41.4	7.30	10.95	44.0	7.45	11.63	45.0	7.38			
11/24/2007	10:00:00	12.06	41.3	8.24	9.41	41.4	7.31	11.02	43.8	7.45	11.61	44.9	7.37			
11/24/2007	11:00:00	12.27	41.3	8.24	9.62	41.6	7.34	10.97	43.7	7.45	11.64	44.9	7.33			
11/24/2007	12:00:00	12.59	41.7	8.25	9.72	41.8	7.36	11.24	43.9	7.46	11.58	45.1	7.42			
11/24/2007	13:00:00	12.87	42.3	8.24	9.77	42.1	7.39	11.33	44.0	7.46	11.54	45.2	7.46			
11/24/2007	14:00:00	13.02	43.0	8.24	9.88	42.3	7.42	11.47	43.9	7.46	11.49	45.3	7.40			
11/24/2007	15:00:00	13.20	43.4	8.26	9.94	42.4	7.44	11.65	43.9	7.47	11.41	45.4	7.40			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/24/2007	16:00:00	13.32	43.4	8.31	10.03	42.4	7.47	11.76	44.0	7.48	11.38	45.4	7.43			
11/24/2007	17:00:00	13.33	43.1	8.33	10.07	42.3	7.49	11.56	44.0	7.47	11.31	45.2	7.40			
11/24/2007	18:00:00	13.12	42.9	8.34	9.96	42.3	7.49	11.45	44.0	7.47	11.16	45.1	7.42			
11/24/2007	19:00:00	12.95	42.8	8.32	9.85	42.2	7.48	11.57	44.2	7.47	11.02	44.9	7.41			
11/24/2007	20:00:00	12.84	42.7	8.31	9.86	42.1	7.46	11.84	44.2	7.48	10.96	44.7	7.41			
11/24/2007	21:00:00	12.73	42.6	8.29	9.80	42.1	7.45	11.88	44.3	7.48	10.94	44.5	7.42			
11/24/2007	22:00:00	12.68	42.5	8.28	9.68	42.1	7.43	11.88	44.4	7.49	10.89	44.4	7.41			
11/24/2007	23:00:00	12.57	42.4	8.26	9.71	42.0	7.42	11.95	44.4	7.50	10.85	44.2	7.35			
11/25/2007	0:00:00	12.52	42.3	8.26	9.62	41.9	7.41	12.15	44.4	7.51	10.93	44.1	7.38			
11/25/2007	1:00:00	12.49	42.3	8.24	9.57	41.9	7.40	12.18	44.4	7.52	10.87	44.1	7.44			
11/25/2007	2:00:00	12.41	42.1	8.25	9.74	41.8	7.39	11.97	44.4	7.52	10.90	43.9	7.44			
11/25/2007	3:00:00	12.38	42.0	8.25	9.48	41.7	7.37	11.97	44.4	7.52	10.96	43.9	7.46			
11/25/2007	4:00:00	12.36	41.8	8.25	9.46	41.6	7.37	12.11	44.2	7.52	10.95	43.8	7.45			
11/25/2007	5:00:00	12.29	41.6	8.26	9.58	41.4	7.36	12.01	44.1	7.52	11.02	43.7	7.49			
11/25/2007	6:00:00	12.27	41.4	8.25	9.49	41.2	7.34	11.99	43.9	7.52	11.05	43.6	7.51			
11/25/2007	7:00:00	12.21	41.2	8.25	9.44	41.0	7.33	11.93	43.7	7.51	11.11	43.4	7.55			
11/25/2007	8:00:00	12.21	40.9	8.25	9.43	40.8	7.31	11.95	43.3	7.51	11.00	43.4	7.53			
11/25/2007	9:00:00	12.18	40.7	8.24	9.41	40.6	7.30	11.92	43.1	7.51	11.06	43.2	7.55			
11/25/2007	10:00:00	12.35	40.6	8.24	9.56	40.7	7.30	11.99	43.0	7.51	11.06	43.3	7.55			
11/25/2007	11:00:00	12.49	40.7	8.25	9.76	40.9	7.32	11.99	43.0	7.50	11.01	43.4	7.58			
11/25/2007	12:00:00	12.85	41.3	8.24	9.75	41.3	7.34	11.91	43.3	7.50	10.93	43.7	7.56			
11/25/2007	13:00:00	13.10	42.1	8.23	9.96	41.8	7.35	11.96	43.4	7.50	10.90	43.6	7.60			
11/25/2007	14:00:00	13.34	42.8	8.24	9.94	42.0	7.37	12.01	43.3	7.50	10.72	44.0	7.58			
11/25/2007	15:00:00	13.43	43.3	8.27	10.02	42.2	7.39	11.91	43.3	7.50	10.62	44.1	7.57			
11/25/2007	16:00:00	13.51	43.4	8.28	10.12	42.2	7.42	11.97	43.2	7.50	10.59	44.3	7.47			
11/25/2007	17:00:00	13.51	43.2	8.33	10.06	42.2	7.43	11.85	43.2	7.50	10.47	44.2	7.55			
11/25/2007	18:00:00	13.31	42.9	8.35	10.00	42.1	7.44	11.75	43.2	7.49	10.35	44.0	7.54			
11/25/2007	19:00:00	13.09	42.7	8.34	9.87	42.0	7.43	11.74	43.3	7.48	10.17	44.1	7.50			
11/25/2007	20:00:00	12.97	42.6	8.33	9.83	41.9	7.42	11.77	43.5	7.49	10.18	43.8	7.51			
11/25/2007	21:00:00	12.83	42.4	8.31	9.74	41.8	7.41	11.85	43.7	7.49	10.11	43.8	7.50			
11/25/2007	22:00:00	12.71	42.4	8.30	9.71	41.8	7.40	11.96	43.8	7.50	10.04	43.6	7.47			
11/25/2007	23:00:00	12.65	42.3	8.29	9.69	41.8	7.39	11.93	44.0	7.50	10.03	43.5	7.49			
11/26/2007	0:00:00	12.58	42.3	8.28	9.71	41.8	7.38	12.07	44.2	7.51	10.03	43.5	7.48			
11/26/2007	1:00:00	12.52	42.4	8.27	9.49	41.9	7.37	12.00	44.3	7.51	9.98	43.5	7.48			

Vincent Dam provisional data provided by USGS

Eqp = Equipment malfunction

Vincent Dam data collection discontinued October through March by USGS

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
11/26/2007	2:00:00	12.46	42.4	8.27	9.59	42.0	7.37	11.97	44.3	7.52	9.98	43.5	7.48			
11/26/2007	3:00:00	12.38	42.5	8.26	9.42	42.1	7.36	11.90	44.4	7.52	9.96	43.5	7.48			
11/26/2007	4:00:00	12.29	42.6	8.24	9.35	42.3	7.36	11.90	44.4	7.52	10.02	43.5	7.48			
11/26/2007	5:00:00	12.21	42.6	8.23	9.32	42.4	7.35	11.85	44.4	7.51	9.85	43.9	7.41			
11/26/2007	6:00:00	12.13	42.6	8.22	9.31	42.4	7.35	11.86	44.3	7.51	10.13	43.7	7.49			
11/26/2007	7:00:00	12.06	42.7	8.20	9.13	42.5	7.33	11.79	44.1	7.51	10.14	43.8	7.50			
11/26/2007	8:00:00	11.93	42.7	8.19	9.08	42.5	7.32	11.87	43.8	7.51	10.16	43.9	7.49			
11/26/2007	9:00:00	11.86	42.8	8.17	9.09	42.5	7.31	11.79	43.8	7.50	10.16	43.8	7.52			
11/26/2007	10:00:00	11.78	42.9	8.14	9.10	42.6	7.30	11.76	43.8	7.50	10.17	43.8	7.57			
11/26/2007	11:00:00	11.75	43.1	8.12	9.04	42.7	7.30	11.78	43.8	7.49	10.19	43.7	7.59			
11/26/2007	12:00:00							11.80	43.9	7.49	10.21	43.6	7.61			

Vincent Dam provisional data provided by USGS

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Vincent Dam data collection discontinued October through March by USGS

**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	
5/6/2007	8.3	7.7	
5/7/2007	8.8	7.5	
5/8/2007	8.7	7.7	
5/9/2007	8.6	7.6	
5/10/2007	8.2	7.5	
5/11/2007	8.2	7.6	
5/12/2007	8.0	7.4	
5/13/2007	8.0	7.5	
5/14/2007	7.8	7.4	
5/15/2007	7.9	7.5	
5/16/2007	7.8	7.4	370
5/17/2007	7.7	7.3	
5/18/2007	7.7	7.4	
5/19/2007	7.5	7.3	
5/20/2007	7.4	7.3	
5/21/2007	7.7	7.3	400
5/22/2007	7.8	7.4	
5/23/2007	7.8	7.4	
5/24/2007	7.8	7.4	420
5/25/2007	7.7	7.5	
5/26/2007	7.5	7.3	
5/27/2007	7.5	7.4	
5/28/2007	7.3	7.3	
5/29/2007	7.7	7.3	410
5/30/2007	7.7	7.4	
5/31/2007	7.8	7.4	
6/1/2007	7.7	7.3	380
6/2/2007	7.4	7.2	
6/3/2007	7.6	7.4	
6/4/2007	7.7	7.5	
6/5/2007	7.8	7.4	410
6/6/2007	7.8	7.5	
6/7/2007	7.8	7.5	
6/8/2007	7.8	7.6	420
6/9/2007	7.6	7.4	
6/10/2007	7.5	7.4	
6/11/2007	7.6	7.5	450
6/12/2007	7.7	7.6	
6/13/2007	7.7	7.5	
6/14/2007	7.8	7.5	460
6/15/2007	7.5	7.5	
6/16/2007	7.8	7.4	
6/17/2007	7.8	7.7	
6/18/2007	8.1	7.7	460
6/19/2007	8.2	7.7	

**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	
6/20/2007	7.6	7.5	
6/21/2007	7.7	7.5	470
6/22/2007	8.0	7.6	
6/23/2007	7.9	7.7	
6/24/2007	8.1	7.7	
6/25/2007	7.8	7.7	480
6/26/2007	8.0	7.7	
6/27/2007	7.9	7.4	
6/28/2007	7.8	7.5	
6/29/2007	7.6	7.5	450
6/30/2007	7.4	7.3	
7/1/2007	7.5	7.4	
7/2/2007	7.9	7.4	400
7/3/2007	8.0	7.6	
7/4/2007	7.9	7.6	
7/5/2007	7.7	7.4	
7/6/2007	7.6	7.3	
7/7/2007	7.5	7.2	
7/8/2007	7.7	7.4	
7/9/2007	7.9	7.4	410
7/10/2007	7.9	7.4	
7/11/2007	7.9	7.4	
7/12/2007	8.0	7.5	390
7/13/2007	8.0	7.5	
7/14/2007	7.9	7.5	
7/15/2007	8.1	7.4	
7/16/2007	8.2	7.7	
7/17/2007	8.1	7.8	400
7/18/2007	8.0	7.7	
7/19/2007	8.0	7.6	400
7/20/2007	8.2	7.4	
7/21/2007	7.9	7.6	
7/22/2007	7.8	7.5	
7/23/2007	8.0	7.5	
7/24/2007	8.3	7.3	420
7/25/2007	8.3	7.9	
7/26/2007	8.0	7.2	
7/27/2007	7.9	7.5	440
7/28/2007	7.9	7.7	
7/29/2007	7.8	7.6	
7/30/2007	8.0	7.6	470
7/31/2007	8.0	7.8	
8/1/2007	7.9	7.7	
8/2/2007	7.9	7.3	500
8/3/2007	8.3	7.8	
8/4/2007	8.4	8.0	

**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	
8/5/2007	8.5	8.1	
8/6/2007	8.3	8.0	
8/7/2007	8.5	7.8	500
8/8/2007	8.5	8.0	
8/9/2007	8.4	8.0	
8/10/2007	8.1	7.8	520
8/11/2007	7.8	7.5	
8/12/2007	8.2	7.7	
8/13/2007	8.9	8.0	530
8/14/2007	8.9	8.2	
8/15/2007	8.7	8.4	
8/16/2007	8.6	8.3	
8/17/2007	8.8	8.0	560
8/18/2007	8.7	8.1	
8/19/2007	8.5	8.3	
8/20/2007	7.8	7.7	420
8/21/2007	7.7	7.5	
8/22/2007	7.6	7.6	
8/23/2007	7.8	7.6	
8/24/2007	7.8	7.5	460
8/25/2007	8.0	7.6	
8/26/2007	7.6	7.5	
8/27/2007	7.7	7.5	
8/28/2007	7.8	7.5	
8/29/2007	7.9	7.5	440
8/30/2007	8.0	7.5	
8/31/2007	8.0	7.5	480
9/1/2007	7.7	7.5	
9/2/2007	7.7	7.5	
9/3/2007	8.1	7.7	
9/4/2007	8.1	7.6	
9/5/2007	8.3	7.5	
9/6/2007	8.5	7.6	
9/7/2007	8.6	7.7	
9/8/2007	7.9	7.7	
9/9/2007	8.0	7.6	
9/10/2007	8.5	7.6	540
9/11/2007	8.0	7.7	
9/12/2007	8.1	7.5	
9/13/2007	8.4	7.7	520
9/14/2007	7.9	7.7	
9/15/2007	8.3	7.6	
9/16/2007	8.3	7.7	
9/17/2007	8.6	7.7	
9/18/2007	8.5	7.8	530
9/19/2007	8.6	8.0	

**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	
9/20/2007	8.6	7.6	500
9/21/2007	8.4	7.6	
9/22/2007	8.1	7.6	
9/23/2007	7.7	7.5	
9/24/2007	8.3	7.6	
9/25/2007	8.4	7.7	
9/26/2007	8.4	7.8	510
9/27/2007	8.2	7.8	
9/28/2007	8.0	7.8	
9/29/2007	8.1	7.8	
9/30/2007	8.1	7.7	
10/1/2007	8.1	7.8	
10/2/2007	8.1	7.7	420
10/3/2007	8.1	7.8	
10/4/2007	8.0	7.7	
10/5/2007	7.9	7.6	400
10/6/2007	8.0	7.6	
10/7/2007	7.9	7.7	
10/8/2007	7.8	7.6	
10/9/2007	7.8	7.5	400
10/10/2007	7.8	7.4	
10/11/2007	7.6	7.5	360
10/12/2007	7.6	7.5	
10/13/2007	N/A	N/A	
10/14/2007	N/A	N/A	
10/15/2007	8.0	7.7	
10/16/2007	8.0	7.5	320
10/17/2007	8.0	7.5	
10/18/2007	8.1	7.6	310
10/19/2007	7.7	7.7	
10/20/2007	7.6	7.6	
10/21/2007	7.7	7.6	
10/22/2007	8.0	7.5	
10/23/2007	8.1	7.5	330
10/24/2007	7.8	7.5	
10/25/2007	7.6	7.4	300
10/26/2007	7.7	7.5	
10/27/2007	7.6	7.5	
10/28/2007	7.5	7.5	
10/29/2007	7.7	7.6	
10/30/2007	7.8	7.6	320
10/31/2007	7.8	7.6	
11/1/2007	7.8	7.6	
11/2/2007	7.8	7.5	400
11/3/2007	7.5	7.5	
11/4/2007	7.6	7.5	

**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	
11/5/2007	7.8	7.5	420
11/6/2007	7.8	7.5	
11/7/2007	7.9	7.5	
11/8/2007	8.1	7.6	350
11/9/2007	7.9	7.6	
11/10/2007	7.7	7.6	
11/11/2007	8.1	7.8	
11/12/2007	8.0	7.5	
11/13/2007	8.1	7.5	380
11/14/2007	7.8	7.5	
11/15/2007	7.8	7.4	
11/16/2007	7.5	7.3	
11/17/2007	8.0	7.6	
11/18/2007	7.7	7.5	
11/19/2007	7.7	7.4	
11/20/2007	7.6	7.4	370
11/21/2007	7.8	7.4	
11/22/2007	7.8	7.6	
11/23/2007	8.0	7.7	
11/24/2007	7.7	7.5	
11/25/2007	7.6	7.5	
11/26/2007	7.7	7.5	

** - 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	7/25/2007	7/27/2007	8/6/2007	8/7/2007	8/15/2007	8/17/2007	9/5/2007	9/7/2007
	Dates>>								
River Flow (cfs)		479	464	391	400	382	373	427	432
Iron, Total		0.09	0.23	0.09	0.08	0.17	0.14	0.17	0.09
Manganese, Total		0.058	0.120	0.055	0.050	0.050	0.038	0.089	0.133
Copper, Total		N/A	<0.01	N/A	N/A	N/A	<0.01	N/A	N/A
Total Organic Carbon		2.5	2.3	3.2	2.7	3.2	3.1	2.6	2.5
TDS		320	318	328	336	296	294	285	300

Constituent	Sample	9/10/2007	9/18/2007	9/19/2007	9/26/2007	10/4/2007
	Dates>>					
River Flow (cfs)		416	352	351	330	372
Iron, Total		0.09	0.14	0.26	0.22	0.20
Manganese, Total		0.064	0.080	0.107	0.117	0.112
Copper, Total		N/A	<0.01	N/A	N/A	N/A
Total Organic Carbon		2.1	2.4	2.4	2.5	2.6
TDS		324	309	317	341	351

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

(Total concentration in mg/l unless otherwise indicated)

Constituent	Sample					
	Dates>>	5/25/2007	6/20/2007	7/24/2007	9/21/2007	10/23/2007
pH (SU)		6.8	7.2	6.9	7.0	6.9
Spec. Cond. (µmhos/cm)		1,438	1,190	1,451	1,455	1,568
Iron, Total		1.40	0.85	2.01	3.6	3.4
Manganese, Total		2.01	1.14	2.22	2.52	2.69
Sulfate		518	221	460	378	480
Acidity		<0.40	<0.40	<0.40	<0.40	<0.40
Alkalinity		326	397	329	410	410
TSS		6	<1	4	7	3

* no sample taken in August or November

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)		
5/9/2007	11.9	14.1	160	160	12.5	16.1	<1	<2	13.2	16.8	16	18	10.1	18.0	4	18
5/10/2007	10.5	17.7	64	100	12.0	17.4	<1	2	12.0	17.7	16	18	9.7	21.0	23	25
5/16/2007	7.8	8.2	130	140	10.5	19.5	1	2	9.7	19.8	11	20	9.7	20.5	39	42
5/23/2007	12.1	16.9	200	360	11.7	18.5	1	<2	10.2	20.0	48	48	11.5	20.3	14	15
5/30/2007	5.8	15.5	340	380	9.7	23.4	4	5	8.6	22.8	44	98	10.1	20.0	34	48
6/6/2007	8.1	16.0	820	860	8.9	22.2	20	40	7.8	20.2	220	290	8.5	18.9	190	190
6/13/2007	8.8	19.8	2000	2200	9.4	24.3	28	40	8.8	24.0	210	220	10.3	24.0	100	240
6/14/2007	8.9	16.0	340	490	8.9	23.2	8	4	8.0	21.9	170	210	9.7	19.6	88	90
6/20/2007	7.3	20.5	>2400	>600	8.3	25.4	24	37	7.1	23.7	>2400	>600	8.2	24.2	330	1500
6/21/2007	8.7	18.0	1400	1600	9.6	24.9	12	13	8.9	24.4	110	120	10.9	22.6	24	78
7/11/2007	8.4	22.8	1400	2800	9.1	27.2	2	2	8.3	26.9	70	72	9.2	26.4	40	86
7/12/2007	8.8	21.2	190	210	9.1	27.1	<1	2	8.7	26.9	44	46	10.1	26.2	10	33
7/18/2007	5.8	22.3	1600	1600	8.7	27.2	2	7	8.2	26.8	53	60	9.7	25.2	27	62
7/19/2007	7.9	23.0	520	>60	9.1	27.3	2	3	8.4	27.0	44	58	10.2	27.1	19	28
7/25/2007	9.4	19.1	260	510	10.1	23.5	5	7	9.9	24.1	21	22	11.0	23.9	11	42
8/8/2007	4.7	24.6	1000	1100	8.4	28.0	6	10	8.0	28.2	39	50	9.2	27.6	26	120
8/9/2007	5.9	24.6	280	520	9.8	26.7	>2400	>600	9.1	27.3	980	1200	9.8	29.1	240	280
8/16/2007	4.9	21.4	72	78	8.6	25.1	5	8	8.1	25.1	30	30	9.6	24.6	120	200
8/22/2007	8.1	16.4	>2400	>600	9.7	19.6	>2400	>600	8.9	19.6	250	420	9.7	17.6	1400	>600
8/23/2007	8.7	18.5	1300	1100	10.7	19.2	76	40	10.2	19.6	56	64	10.3	20.4	170	170
8/28/2007	5.1	20.1	160	940	9.0	23.6	21	40	8.6	24.1	27	40	10.6	24.5	11	32
8/29/2007	5.6	20.0	190	1000	9.1	24.0	23	23	8.9	24.6	45	74	10.3	24.7	23	23

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> (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)		
9/7/2007	5.2	18.2	<1	3	8.4	24.6	16	23	7.9	24.3	52	680	8.6	22.0	38	46
9/13/2007	6.7	16.3	490	590	9.6	23.0	7	10	8.9	23.4	30	46	10.1	21.0	33	33
9/19/2007	5.2	10.9	50	76	9.2	19.2	1	5	8.6	19.1	30	34	10.0	14.9	43	44
9/20/2007	4.5	14.7	55	48	8.8	19.7	1	5	8.2	20.2	31	52	10.2	18.3	49	31
9/26/2007	5.2	16.9	1000	1100	9.8	21.7	<1	<2	9.3	21.9	20	21	10.4	19.8	17	21
10/3/2007	4.7	16.5	52	54	8.7	20.2	74	90	8.8	20.7	52	52	10.9	19.5	14	23
10/5/2007	4.7	17.1	27	46	8.7	21.4	99	100	8.4	21.4	36	100	8.4	20.2	21	33
10/11/2007	5.1	16.1	200	200	7.9	21.7	150	160	7.7	21.3	200	210	8.4	20.2	230	350
10/17/2007	4.6	12.6	220	220	9.4	16.2	180	220	9.1	16.1	84	200	9.0	14.4	33	34
10/18/2007	5.4	13.7	120	130	10.9	16.8	170	230	10.7	16.6	130	160	10.3	15.8	61	66
11/8/2007	10.5	3.5	210	220	9.1	10.3	120	130	9.1	8.9	96	110	11.1	5.1	67	68
11/9/2007	12.1	3.3	170	170	10.0	9.8	120	120	10.5	9.0	150	150	12.1	4.5	56	72
11/15/2007	9.4	8.5	610	700	10.4	8.9	220	220	11.3	8.8	250	330	12.5	8.8	60	68

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

Sample Date	5/31/07	6/22/07	7/25/07	8/25/07	9/27/07	10/31/07
Constituent¹						
Total Organic Carbon	<0.5	0.7	<0.5	<0.5	<0.5	1
TDS	1,141	971	956	855	993	370
Iron, Total	N/A	N/A	N/A	N/A	N/A	N/A
Dissolved Oxygen	8.0	7.8	8.3	8.6	7.5	7.0
Spec. Cond. (µmhos/cm)	1,376	1,456	915	1,100	948	335
pH (SU)	6.85	6.90	6.87	6.86	6.93	6.70
Temp (°C)	13.9	13.8	13.9	13.9	14.0	13.6

¹Total concentration in mg/l unless otherwise indicated.

No discharge in November

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
5/31/2007			
Total Dissolved Solids	163	113	34
Total Alkalinity	<2	<2	15
Dissolved Oxygen	11.1	10.3	9.4
Spec. Cond. ($\mu\text{mhos/cm}$)	222	160	59
pH (SU)	4.34	6.13	6.39
Temp ($^{\circ}\text{C}$)	12.5	15.0	13.7
Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
6/22/2007			
Total Dissolved Solids	61	105	46
Total Alkalinity	<2	3	16
Dissolved Oxygen	11.7	10.6	8.4
Spec. Cond. ($\mu\text{mhos/cm}$)	265	182	78
pH (SU)	4.18	6.24	6.88
Temp ($^{\circ}\text{C}$)	12.7	15.9	14.4
Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
7/25/2007			
Total Dissolved Solids	183	57	17
Total Alkalinity	<2	4	5
Dissolved Oxygen	9.6	9.7	9.0
Spec. Cond. ($\mu\text{mhos/cm}$)	204	86	81
pH (SU)	4.17	5.50	6.25
Temp ($^{\circ}\text{C}$)	14.4	18.4	17.6
Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
8/25/2007			
Total Dissolved Solids	106	91	17
Total Alkalinity	<2	4	20
Dissolved Oxygen	11.1	10.4	8.2
Spec. Cond. ($\mu\text{mhos/cm}$)	188	128	69
pH (SU)	4.35	5.82	6.46
Temp ($^{\circ}\text{C}$)	16.4	19.8	17.8

Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
9/27/2007			
Total Dissolved Solids	183	59	<5
Total Alkalinity	<2	8	11
Dissolved Oxygen	10.2	9.3	7.7
Spec. Cond. ($\mu\text{mhos/cm}$)	193	71	149
pH (SU)	3.82	5.39	6.63
Temp ($^{\circ}\text{C}$)	13.9	18.0	19.6

Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
10/31/2007			
Total Dissolved Solids	105	67	169
Total Alkalinity	4	10	16
Dissolved Oxygen	11.6	11.7	7.7
Spec. Cond. ($\mu\text{mhos/cm}$)	187	147	75
pH (SU)	5.26	7.64	6.97
Temp ($^{\circ}\text{C}$)	8.3	7.7	7.4

Sampling Date, Constituents	Little Schuylkill River - Upstream	Little Schuylkill River - Route 54	Still Creek
11/22/2007			
Total Dissolved Solids	86	57	4
Total Alkalinity	<2	10	8
Dissolved Oxygen	11.4	12.0	9.6
Spec. Cond. ($\mu\text{mhos/cm}$)	161	137	56
pH (SU)	4.91	5.55	7.25
Temp ($^{\circ}\text{C}$)	8.28	7.3	7.8

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

Sampling Date, Constituents	Schuylkill River at Station 109	E. Norwegian Creek	Schuylkill River at Station 106
5/31/2007			
Total Dissolved Solids	270	877	261
Total Alkalinity	27	276	12
Dissolved Oxygen	10.3	9.5	10.5
Spec. Cond. (μ mhos/cm)	378	1,224	350
pH (SU)	7.53	8.05	6.99
Temp ($^{\circ}$ C)	19.4	16.8	17.1
Sampling Date, Constituents	Schuylkill River at Station 109	E. Norwegian Creek	Schuylkill River at Station 106
6/22/2007			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	10.4	9.6	11.2
Spec. Cond. (μ mhos/cm)	636	1,219	313
pH (SU)	7.72	7.79	7.04
Temp ($^{\circ}$ C)	19.7	16.5	17.4
Sampling Date, Constituents	Schuylkill River at Station 109	E. Norwegian Creek	Schuylkill River at Station 106
7/25/2007			
Total Dissolved Solids	N/A*	N/A*	N/A*
Total Alkalinity	N/A*	N/A*	N/A*
Dissolved Oxygen	10.4	10.5	9.2
Spec. Cond. (μ mhos/cm)	468	867	281
pH (SU)	8.16	7.78	7.52
Temp ($^{\circ}$ C)	21.5	16.5	19.8
Sampling Date, Constituents	Schuylkill River at Station 109	E. Norwegian Creek	Schuylkill River at Station 106
8/25/2007			
Total Dissolved Solids	265	N/A	246
Total Alkalinity	48	N/A	18
Dissolved Oxygen	9.0	7.6	8.8
Spec. Cond. (μ mhos/cm)	322	428	271
pH (SU)	7.33	6.85	7.00
Temp ($^{\circ}$ C)	23.2	21.1	22.0
Sampling Date, Constituents	Schuylkill River at Station 109	E. Norwegian Creek	Schuylkill River at Station 106
9/27/2007			
Total Dissolved Solids	N/A	N/A	N/A
Total Alkalinity	N/A	N/A	N/A
Dissolved Oxygen	8.2	9.2	8.6
Spec. Cond. (μ mhos/cm)	241	880	214
pH (SU)	7.28	7.42	7.35
Temp ($^{\circ}$ C)	20.1	15.9	18.1

Sampling Date, Constituents	Schuylkill River at Station 109	E. Norwegian Creek	Schuylkill River at Station 106
10/31/2007			
Total Dissolved Solids	207	311	209
Total Alkalinity	28	72	16
Dissolved Oxygen	11.0	9.2	11.2
Spec. Cond. (µmhos/cm)	370	880	319
pH (SU)	6.90	7.42	7.07
Temp (°C)	9.0	15.9	8.0
11/22/2007			
Total Dissolved Solids	N/A	N/A	N/A
Total Alkalinity	N/A	N/A	N/A
Dissolved Oxygen	11.5	11.4	11.4
Spec. Cond. (µmhos/cm)	210	480	258
pH (SU)	6.44	6.24	6.41
Temp (°C)	9.1	9.2	8.3

* 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. (umhos/cm)	Temp. (°C)	pH (SU)	
31-May	Little Schuylkill River - Tamaqua	10.7	131	14.9	6.96	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Route 54	10.3	160	15.0	6.13	water clear, rocky bottom, no algal growth, low, flow, nothing abnormal
	Little Schuylkill River - Upstream	11.1	222	12.5	4.34	water clear, rocky bottom, green algal growth, iron staining, low flow
	Still Creek	9.4	59	13.7	6.39	water clear, no algal growth, low flow, nothing abnormal
22-Jun	Little Schuylkill River - Tamaqua	7.8	144	16.6	6.90	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Route 54	10.6	182	15.9	6.24	water clear, rocky bottom, no algal growth, low, flow, nothing abnormal
	Little Schuylkill River - Upstream	11.7	265	12.7	4.18	water clear, rocky bottom, green algal growth, iron staining, low flow
	Still Creek	8.4	78	14.4	6.88	water clear, no algal growth, low flow, nothing abnormal
26-Jul	Little Schuylkill River - Tamaqua	10.1	68	17.1	6.71	water clear, rocky bottom, no algal growth, mod. flow, nothing abnormal
	Little Schuylkill River - Route 54	9.7	86	18.4	5.50	water clear, rocky bottom, no algal growth, mod flow, nothing abnormal
	Little Schuylkill River - Upstream	9.6	204	14.4	4.17	water clear, rocky bottom, brown algal growth, iron staining, low flow
	Still Creek	9.0	81	17.6	6.25	water clear, no algal growth, mod flow, nothing abnormal
25-Aug	Little Schuylkill River - Tamaqua	9.1	107	19.4	7.73	water clear, rocky bottom, some algal growth, low flow, nothing abnormal
	Little Schuylkill River - Route 54	10.4	128	19.8	5.82	water clear, rocky bottom, no algal growth, low flow, nothing abnormal
	Little Schuylkill River - Upstream	11.1	188	16.4	4.35	water clear, rocky bottom, brown algal growth, iron staining, low flow
	Still Creek	8.2	69	17.9	6.46	water clear, some algal growth, low flow, nothing abnormal
27-Sep	Little Schuylkill River - Tamaqua	8.8	73	17.5	7.63	water clear, rocky bottom, no algal growth, mod flow, nothing abnormal
	Little Schuylkill River - Route 54	9.3	71	18.0	5.39	water clear, rocky bottom, no algal growth, mod flow, nothing abnormal
	Little Schuylkill River - Upstream	10.2	193	13.9	3.82	water clear, rocky bottom, brown algal growth, iron staining, low flow
	Still Creek	7.7	149	19.6	6.63	water clear, some algal growth, low flow, nothing abnormal
31-Oct	Little Schuylkill River - Tamaqua	10.8	117	9.4	6.31	water clear, rocky bottom, no algal growth, ave flow, nothing abnormal
	Little Schuylkill River - Route 54	11.7	147	7.7	7.64	water clear, rocky bottom, no algal growth, ave flow, nothing abnormal
	Little Schuylkill River - Upstream	11.6	187	8.3	5.26	water turbid, rocky bottom, no algal growth, iron staining, low flow PENNDOT in process of removing large rocks and gravel from stream while placing fill and rip-rap along banks at monitor location
	Still Creek	7.7	75	7.4	6.97	water clear, no algal growth, low flow, nothing abnormal
22-Nov	Little Schuylkill River - Tamaqua	12.1	119	6.8	6.72	water clear, rocky bottom, no algal growth, ave flow, nothing abnormal
	Little Schuylkill River - Route 54	12.0	137	7.3	5.55	water clear, rocky bottom, no algal growth, ave flow, nothing abnormal
	Little Schuylkill River - Upstream	11.4	161	8.3	4.91	water clear, rocky bottom, no algal growth, iron staining, ave flow
	Still Creek	9.6	56	7.8	7.25	water clear, no algal growth, ave flow, nothing abnormal

Site Locations: Little Schuylkill River - Tamaqua - Downstream of Tuscarora Road Bridge
 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										
	Dates>>	5/15/2007	6/4/2007	7/16/2007	7/23/2007	8/6/2007	8/13/2007	8/16/2007	9/4/2007	9/7/2007	9/10/2007
River Flow, Pottstown (cfs)		1,330	1,520	528	457	391	441	380	427	432	416
TDS		175	146	296	313	314	251	288	220	288	334
Dissolved Oxygen		9.8	7.6	12.5	9.3	8.1	8.2	8.8	9.7	8.2	10.40
Spec. Cond. (µmhos/cm)		311	356	399	368	484	392	471	382	342	344.0
pH (SU)		7.82	7.62	8.53	8.45	8.20	8.90	8.56	8.23	8.06	8.36
Temp (°C)		18.5	21.6	27.9	23.3	28.1	28.1	25.8	25.3	24.0	27.7

Constituent	Sample										
	Dates>>	9/19/2007	9/24/2007	9/26/2007	10/1/2007	10/4/2007	10/8/2007	10/15/2007	10/18/2007	10/22/2007	11/5/2007
River Flow, Pottstown (cfs)		351	351	330	329	372	407	500	486	548	914
TDS		281	315	338	279	351	299	303	277	293	228
Dissolved Oxygen		11.2	10.2	10.5	7.6	6.8	7.8	11.2	10.1	11.3	11.2
Spec. Cond. (µmhos/cm)		412	431	386	472	463	394	425	424	377	313
pH (SU)		8.26	8.36	8.20	7.75	7.57	7.92	8.06	7.75	7.72	7.60
Temp (°C)		18.9	21.6	23.1	20.2	20.2	23.1	15.7	18.1	17.5	10.5

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)
10-May	10.6	19.2	26	28
6-Jun	7.9	19.5	220	260
12-Jul	10.2	25.1	96	280
9-Aug	9.7	28.8	88	200
19-Sep	9.5	16.1	110	120
18-Oct	10.2	16.3	690	700
9-Nov	12.0	6.0	820	940

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)
10-May	9.3	19.7	71	92
6-Jun	7.2	20.1	280	300
12-Jul	9.9	25.7	32	92
9-Aug	9.2	28.1	150	270
19-Sep	8.6	16.0	86	100
18-Oct	9.0	16.2	100	120
9-Nov	10.3	5.4	190	230

Fish collected by electrofishing at Schuylkill River Station 109 downstream of the Norwegian Creek confluence during 2007.

Sampling Date:		5-22-07		8-02-07		11-01-07	
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	135-228	1	38	1	238
<i>Onchorynchus mykiss</i>	rainbow trout (stocked)	18	180-323	80	102-253	123	98-240
<i>Salmo trutta</i>	brown trout (stocked)	21	29-430	16	125-416	53	105-490
<i>Rhinichthys atratulus</i>	blacknose dace	* 164	21-77	* 410	40-90	* 113	38-83
<i>Semotilus atromaculatus</i>	creek chub	15	65-112	10	82-140	3	120-133
<i>Semotilus corporalis</i>	fallfish			2	160-170	1	84
<i>Catostomus commersoni</i>	white sucker	* 207	66-430	* 1112	35-383	* 505	53-782
<i>Ameiurus nebulosus</i>	brown bullhead	1	113	4	149-220	3	157-228
<i>Lepomis cyanellus</i>	green sunfish	8	40-100	13	55-115	5	77-155
<i>Lepomis gibbosus</i>	pumpkinseed	1	75	4	75-121	1	101
<i>Lepomis macrochirus</i>	bluegill			3	90-98	1	98
<i>Lepomis spp.</i>	sunfish hybrid	1	152				
<i>Micropterus salmoides</i>	largemouth bass					1	86
<i>Etheostoma olmstedii</i>	tessellated darter	1	67	3	64-79	19	18-79
<i>Perca flavescens</i>	yellow perch			1	140	2	84-110
Total Species:		11		13		14	
Total Individuals:		439		1659		831	
Physicochemical data:							
	Time:	10:02		12:40		08:50	
	Water Temp (C):	14.2		24.7		10.0	
	DO (mg/l):	11.8		10.6		N/A	
	pH:	6.9		7.1		6.8	
	Specific Conductance (µmhos/cm):	341		362		360	
	Total Alkalinity						

*100 measured

Fish collected by electrofishing at Schuylkill River Station 106 upstream of the Norwegian Creek confluence during 2007.

Sampling Date:		5-22-07		8-02-07		11/01/07	
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)	7	140-282	5	85-265	4	110-200
<i>Salvelinus fontinalis</i>	brook trout (stocked)	1	370				
<i>Onchorynchus mykiss</i>	rainbow trout (stocked)						
<i>Salmo trutta</i>	brown trout (stocked)						
<i>Rhinichthys atratulus</i>	blacknose dace	* 260	33-92	* 185	38-91	* 377	33-92
<i>Semotilus atromaculatus</i>	creek chub	88	55-195	65	77-143	100	40-157
<i>Carassius auratus</i>	goldfish					1	276
<i>Catostomus commersoni</i>	white sucker	* 149	77-330	* 116	35-430	* 355	39-369
<i>Lepomis auritus</i>	redbreast sunfish					1	152
<i>Ameiurus nebulosus</i>	brown bullhead	1	62	2	150-163		
<i>Lepomis cyanellus</i>	green sunfish	39	35-140	58	48-177	67	42-140
<i>Lepomis gibbosus</i>	pumpkinseed			4	82-97		
<i>Lepomis macrochirus</i>	bluegill			1	114		
<i>Lepomis spp.</i>	sunfish hybrid					3	61-166
<i>Micropterus salmoides</i>	largemouth bass					1	57
Total Species:		7		8		9	
Total Individuals:		545		436		909	
Physicochemical data							
	Time:		13:35		13:35		12:10
	Water Temp (C):		13.6		21.0		10.5
	DO (mg/l):		11.2		9.2		N/A
	pH:		5.90		6.10		6.80
	Specific Conductance (µmhos/cm):		295		318		303
	Total Alkalinity						

*only 100 measured

Benthic macroinvertebrates collected at Schuylkill River Station 109 downstream of the Norwegian Creek confluence during 2007.

Taxon	Sample Date:	22 May	2 August	1 Nov
Nematoda (round worms)		2		4
Hoplonemertea (proboscus worm)				
<i>Prostoma</i>				12
Lumbricida (earthworms)				
Lumbricidae		31	9	2
Tubificida (tube worms)				
Enchytraeidae			1	
Naididae		2		
Tubificidae		1	4	
Basommatophora (snail)				
Physa				3
Veneroida (clams)				
<i>Pisidium</i>			4	1
Hirudinea (leeches)				
<i>Erpobdella</i>			1	
Amphipoda (sideswimmers)				
<i>Crangonyx</i>		5	424	3
Decapoda (crayfish)				
<i>Cambarus</i>			3	
Isopoda (sowbugs)				
<i>Caecidotea</i>		10	488	3
Ephemeroptera (mayflies)				
<i>Acentrella</i>			3	
<i>Baetis</i>			74	
Megaloptera (fishflies)				
<i>Sialis</i>			1	
Trichoptera (caddisflies)				
<i>Cheumatopsyche</i>		1	5	5
<i>Hydropsyche</i>		9	465	330
<i>Rhyarophila</i>				1
Coleoptera (beetles)				
<i>Optioservus</i>			3	1
<i>Dubiraphia</i>			1	
Diptera (true flies)				
<i>Antocha</i>				2
Chironomidae		1733	520	43
<i>Dicranota</i>		1		
<i>Hemerodromia</i>			3	8
<i>Simulium</i>			55	
Total Taxa		10	18	14
Total Individuals		1795	2064	418

Benthic macroinvertebrates collected at Schuylkill River Station 106 upstream of the Norwegian Creek confluence during 2007.

Sample Date:	22 May	2 August	1 Nov
Taxon			
Nematoda (round worms)			3
Hoplonemertea (proboscus worm)			
<i>Prostoma</i>			3
Tubificida (tube worms)			
Tubificidae	8		
Naididae		1	
Amphipoda (sideswimmers)			
<i>Stygonectes</i>		3	2
<i>Hydrachnidae</i>			1
Ephemeroptera (mayflies)			
<i>Baetis</i>		13	
Plecoptera (stoneflies)			
<i>Leuctra</i>		2	
Megaloptera (dobsonflies)			
<i>Nigronia</i>		11	4
Trichoptera (caddisflies)			
<i>Hydropsyche</i>		115	664
<i>Cheumatopsyche</i>		15	8
<i>Glossosma</i>			1
Coleoptera (beetles)			
<i>Optioservus</i>		2	
Diptera (true flies)			
<i>Antocha</i>			1
Chironomidae	69	624	81
<i>Clinocera</i>		1	
<i>Dicranota</i>	1	4	
<i>Hemerodromia</i>		32	24
<i>Monohelia</i>	1		
<i>Palpomyia gr.</i>	3		
<i>Psychoda</i>			
<i>Simulium</i>		1	
<i>Tipula</i>		2	
Total Taxa	5	14	11
Total Individuals	82	826	792