

SAMPLE INFORMATION							PARAMETER (UNITS)	TDS * (mg/L)	CHLORIDE (mg/L)	SULFATE (mg/L)	BROMIDE (mg/L)	Flow (ft <sup>3</sup> /s)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)		
15	Rt 288 Bridge, USGS Gage at Wampum US of Connoquenessing	40°53' 20.5"	80°20' 11.5"	0501-012	8/3/2010	24775		338	79.1	51.95	0.2	769 (Wampum USGS Gage)
				0501-014	8/18/2010	26551		382	95.4	52.7	0.3	879 (Wampum USGS Gage)
				0501-016	9/1/2010	27966		376	98.8	53.89	0.4	694 (Wampum USGS Gage)
				0501-020	9/15/2010	29208		388	105	51.6	0.5	622 (Wampum USGS Gage)
				0501-022	9/29/2010	30344		344	80.4	55.5	0.3	970 (Wampum USGS Gage)
				0501-024	10/12/2010	31502		372	81.1	61.4	<0.2	595 (Wampum USGS Gage)
				0501-026	10/26/2010	33466		368	71.9	63.9	<0.2	586 (Wampum USGS Gage)
				0501-028	11/8/2010	34808		380	83.96	57.48	0.3	820 (Wampum USGS Gage)
				0501-031	11/19/2010	36183		332	68.6	55.68	<0.2	1380 (Wampum USGS Gage)
				9.4	DS Turnpike Bridge DS Connoquenessing	40°48' 37.2"	80°19' 6.9"	0501-013	8/3/2010	24776		338
0501-015	8/18/2010	26552						336	77	55.5	0.2	1460 (Beaver Falls USGS Gage)
0501-017	9/1/2010	27967						358	76.6	63.77	<0.2	712 (Beaver Falls USGS Gage)
0501-021	9/15/2010	29209						344	75.3	62.5	<0.2	640 (Beaver Falls USGS Gage)
0501-023	9/29/2010	30345						472	134	66	0.3	2000 (Beaver Falls USGS Gage)
0501-025	10/12/2010	31503						406	85.6	72.34	<0.2	828 (Beaver Falls USGS Gage)
0501-027	10/26/2010	33467						400	82.3	74.2	0.2	730 (Beaver Falls USGS Gage)
0501-029	11/8/2010	34809						414	98.4	69.54	0.3	1100 (Beaver Falls USGS Gage)
0501-033	11/19/2010	36185							80.3	60.5	<0.2	1760 (Beaver Falls USGS Gage)

\* All TDS data collected by the Department prior to August 2010 was analyzed at 105°C and 180°C from August 2010 forward.

SAMPLE INFORMATION							TEMPERATURE FIELD (°C)	SPECIFIC CONDUCTANCE FIELD (umhos/c)	pH FIELD (s.u.)	Alkalinity (mg/L)	DO FIELD (mg/L)	P. Parvum Count (cells/mL)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#			6.0 - 9.0 (AQ)			
15	Rt 288 Bridge, USGS Gage at Wampum US of Connoquenessing	40°53' 20.5"	80°20' 11.5"	0501-012	8/3/2010	24775	27.7	280	8.01	96.4	7.35	0
				0501-014	8/18/2010	26551	28	301	7.62	94.2	6.35	0
				0501-016	9/1/2010	27966	27.6	314	7.64	102	6.67	0
				0501-020	9/15/2010	29208	18.5	323	7.58	95.6	6.83	0
				0501-022	9/29/2010	30344	17.7	287	7.84	96.8	7.48	0
				0501-024	10/12/2010	31502	17.8	299	7.49	108.6	7.88	0
				0501-026	10/26/2010	33466	14.6	286	7.81	108.4	8.37	0
				0501-028	11/8/2010	34808	8.4	293	8.7	109.4	11.46	0
				0501-031	11/19/2010	36183	8.5	275	7.84	99	10.77	0
9.4	DS Turnpike Bridge DS Connoquenessing	40°48' 37.2"	80°19' 6.9"	0501-013	8/3/2010	24776	27.6	266	8.38	90.9	7.96	0
				0501-015	8/18/2010	26552	27.3	266	7.98	84.8	7.45	0
				0501-017	9/1/2010	27967	29.6	286	8.06	97.8	7.59	0
				0501-021	9/15/2010	29209	19.7	310	7.75	101	8.15	0
				0501-023	9/29/2010	30345	18.3	372	7.75	90.4	8.82	0
				0501-025	10/12/2010	31503	19.3	337	8.14	107.2	8.63	0
				0501-027	10/26/2010	33467	16.7	331	7.82	109	8.84	0
				0501-029	11/8/2010	34809	10	323	8.32	114.4	10.89	0
				0501-033	11/19/2010	36185	8.5	275	7.84		10.66	0

\* All TDS data collected by the Department prior to August 2010 was analyzed at 105°C and 180°C from August 2010 forward.

SAMPLE INFORMATION							Osmotic Pressure (MOSM)	BOD 5 DAY (mg/L)	Ammonia Nitrogen (mg/L)	Nitrate/Nitrite (mg/L)	TKN (mg/L)	Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#						
15	Rt 288 Bridge, USGS Gage at Wampum US of Connoquenessing	40°53' 20.5"	80°20' 11.5"	0501-012	8/3/2010	24775		2.1	0.04	1.7	<1	0.16
				0501-014	8/18/2010	26551	9	1.1	0.15	1.59	<1	0.136
				0501-016	9/1/2010	27966	9	1.7	0.12	1.99	<1	0.163
				0501-020	9/15/2010	29208	7	2.3	0.16	1.92	<1	0.163
				0501-022	9/29/2010	30344	11	7.1	0.27	2.36	<1	0.225
				0501-024	10/12/2010	31502	9	1.7	0.13	2.27	<1	0.174
				0501-026	10/26/2010	33466	10	1.8	0.04	2.63	<1	0.237
				0501-028	11/8/2010	34808	10	1.9	0.02	1.85	<1	0.157
				0501-031	11/19/2010	36183	7	1.6	0.08	1.8	<1	0.176
9.4	DS Turnpike Bridge DS Connoquenessing	40°48' 37.2"	80°19' 6.9"	0501-013	8/3/2010	24776	7	2.2	<.02	1.48	<1.0	0.134
				0501-015	8/18/2010	26552	13	1.4	0.07	1.53	<1.0	0.096
				0501-017	9/1/2010	27967	6	1.2	0.06	1.77	<1.0	0.116
				0501-021	9/15/2010	29209	6	0.9	0.08	1.98	<1.0	0.141
				0501-023	9/29/2010	30345	9	8.1	0.18	2.22	<1.0	0.151
				0501-025	10/12/2010	31503	10	0.3	0.08	2.04	<1.0	0.165
				0501-027	10/26/2010	33467	10	1.9	0.03	2.24	<1.0	0.193
				0501-029	11/8/2010	34809	11	6.1	0.02	1.82	<1.0	0.15
				0501-033	11/19/2010	36185	5	1.5	0.06	1.68	<1.0	0.158

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