

City of Barberton's Water Quality Monitoring Results vs. Ohio EPA TMDL Data for Selected Parameters

Ammonia (mg/L)	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (SR 162)	0.025		0.056	0.025		0.025	0.033
Barberton (Station 6)	0.030	0.000		0.000	0.000		0.008
	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (State Rd.)	0.025		0.069	0.025		0.064	0.046
Barberton (Station 7)	0.090	0.020		0.020	0.000		0.033
	7/2/2003	7/10/2003	7/16/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (Water Plant Intake)		0.276	0.085	0.052		0.025	0.110
Barberton (Station 11)	0.060		0.000	0.000	0.100		0.040

Total Suspended Solids (mg/l)	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (SR 162)	0.017		0.036	0.017		0.010	0.020
Barberton (Station 6)	4.400	7.200		2.000	7.600		5.300
	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (State Rd.)	7.000		6.000	9.000		2.500	6.125
Barberton (Station 7)	9.600	10.400		7.200	13.600		10.200
	7/2/2003	7/10/2003	7/16/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (Water Plant Intake)		13.000	2.500	9.000		9.000	8.375
Barberton (Station 11)	5.200		2.800	9.600	8.800		6.600

Nitrate + Nitrite (mg/l)	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (SR 162)	0.670		0.550	0.360		0.300	0.470
Barberton (Station 6)	0.400	0.400		0.300	0.300		0.350
	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (State Rd.)	0.930		0.700	0.440		0.380	0.613
Barberton (Station 7)	0.400	0.400		0.400	0.300		0.375
	7/2/2003	7/10/2003	7/16/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (Water Plant Intake)		0.490	0.160	0.050		0.050	0.188
Barberton (Station 11)	0.400		0.400	0.400	0.300		0.375

Chloride (mg/l)	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (SR 162)	43.600		42.500	42.200		43.400	42.925
Barberton (Station 6)	46.000	57.000		50.000	61.000		53.500
	6/18/2003	7/2/2003	7/7/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (State Rd.)	40.200		48.400	53.300		49.800	47.925
Barberton (Station 7)	37.000	44.000		50.000	46.000		44.250
	7/2/2003	7/10/2003	7/16/2003	7/21/2004	8/4/2004	8/11/2004	Average
Ohio EPA (Water Plant Intake)		37.200	37.000	52.600		58.600	46.350
Barberton (Station 11)	45.000		40.000	52.000	58.000		48.750