

Susquehanna University Science in Motion

Water Quality Data

Middle Creek - Selinsgrove High School 2006 - 2007

	9/21	11/02	3/13/07	4/19	5/16	6/20
Ammonia (TNH ₃) MG/L	<0.02	0.06	<0.02	<0.02	***	0.05
Ammonia (DNH ₃) MG/L	<0.02	0.06	<0.02	<0.02	***	0.05
Nitrate (TNO ₃) MG/L	1.19*	1.36	1.53	1.20	***	0.93
Nitrate (DNO ₃) MG/L	1.23*	1.37	1.49	1.20	***	0.94
Nitrogen (TN) MG/L	1.56	1.99	1.70	1.53	***	1.34
Nitrogen (DN) MG/L	1.54	1.97	1.67	1.48	***	1.27
Phosphorus (TP) MG/L	0.018	0.095	0.036	0.025	***	0.084
Phosphorus (DP) MG/L	0.013	0.075	0.058	0.012	***	0.055
Orthophosphate (DOP) MG/L	<0.01*	0.038	0.017	<0.01	***	0.040
Total suspended solids (TSS) MG/L	6	8	<2	8	***	6
Suspended sediment MG/L	1	7	7	14	5	11
pH	7.5	7.3	7.7	7.0	6.6	6.9
Conductivity (milli-Siemens)	0.213	0.174	0.166	0.136	0.179	0.245
Dissolved oxygen MG/L	9.1	9.7	13.5	8.5	5.4	7.0
Temperature (degrees F)	59.0	50.5	45.0	46.2	63.7	73.4
Flow (cfs)	95.14	**	240.14	285.97	100.85	62.26

*Time limit for test exceeded.

**Not available due to high flow.

*** Samples not analyzed.