

Susquehanna University Science in Motion

Water Quality Data

Little Mahanoy Creek - North Schuylkill High School 2008-2009

	9/23/08	11/5/08	3/11/09	4/16/09
Ammonia (TNH ₃) MG/L	*	<0.02	0.02	<0.02
Ammonia (DNH ₃) MG/L	*	<0.02	0.02	<0.02
Nitrate (TNO ₃) MG/L	1.09	0.56	0.79	0.66
Nitrate (DNO ₃) MG/L	1.05	0.57	0.82	0.7
Nitrogen (TN) MG/L	1.29	0.73	1.05	0.73
Nitrogen (DN) MG/L	1.32	0.74	0.92	0.66
Phosphorus (TP) MG/L	*	0.052	0.046	0.05
Phosphorus (DP) MG/L	*	0.061	0.046	0.044
Orthophosphate (DOP) MG/L	0.112	0.049	0.031	0.029
Total suspended solids (TSS) MG/L	<5.0	<5.0	<5.0	6.0
Suspended sediment MG/L	2	5	2	9
pH	7.4	7.4	8.1	7.5
Conductivity (milli-Siemens)	0.265	0.223	0.295	0.169
Dissolved oxygen MG/L	9.8	11.8	11.7	11.4
Temperature (degrees F)	54.3	50.3	39.2	41
Flow (cfs)	2.3	4.7	10.18	14.9

*Cancelled - sample not properly preserved; pH>2.0