

Susquehanna University Science in Motion

Water Quality Data

Little Shamokin Creek - Shikellamy High School 2008-2009

	11/12/08	12/10/08	2/10/09	3/17/09
Ammonia (TNH ₃) MG/L	<0.02	0.07	0.04	0.03
Ammonia (DNH ₃) MG/L	<0.02	0.04	0.05	0.03
Nitrate (TNO ₃) MG/L	2.05	2.71	3.29	2.32
Nitrate (DNO ₃) MG/L	2.03	2.71	3.32	2.31
Nitrogen (TN) MG/L	2.20	3.43	3.55	2.64
Nitrogen (DN) MG/L	2.21	3.32	3.64	2.76
Phosphorus (TP) MG/L	0.022	0.080	0.015	0.019
Phosphorus (DP) MG/L	0.018	0.031	0.024	0.016
Orthophosphate (DOP) MG/L	<0.01	0.022	0.031	<0.01
Total suspended solids (TSS) MG/L	8*	40	22	6
Suspended sediment MG/L	2	37	11	9
pH	7.6	7.0	7.2	6.9
Conductivity (milli-Siemens)	0.165	0.138	0.132	0.12
Dissolved oxygen MG/L	12.7	12.4	11.5	11.9
Temperature (degrees F)	41.3	46.2	31.2	41.2
Flow (cfs)	7.5	25.3	19.4	16.75

*Laboratory blank out of acceptance range - biased high.