

Susquehanna University Science in Motion

Water Quality Data

Little Shamokin Creek – Shikellamy High School 2009-2010

	3/30/10	5/11/10
Ammonia (TNH ₃) mg/L	<0.02	<0.02
Ammonia (DNH ₃) mg/L	<0.02*	<0.02
Nitrate (TNO ₃) mg/L	2.71	1.89
Nitrate (DNO ₃) mg/L	2.67	1.93
Nitrogen (TN) mg/L	3.24	2.13
Nitrogen (DN) mg/L	3.15	2.11
Phosphorus (TP) mg/L	0.060*	0.028
Phosphorus (DP) mg/L	0.046*	<0.01
Orthophosphate (DOP) mg/L	0.022	0.011
Total suspended solids (TSS) mg/L	26	16
pH	6.54	7.2
Conductivity milli-Siemens	0.126	0.120
Dissolved oxygen mg/L	N/A	10.75
Temperature degrees F	44.5	50.3
Flow cfs	75.6	7.4

*Sample not properly preserved

N/A = not available