

Susquehanna University Science in Motion

Water Quality Data

Miller's Run - Loyalsock Township High School 2008-2009

	11/6/08	12/11/08	5/7/09	6/2/09
Ammonia (TNH ₃) MG/L	0.02	<0.02	<0.02	<0.02
Ammonia (DNH ₃) MG/L	<0.02	<0.02	<0.02	<0.02
Nitrate (TNO ₃) MG/L	0.61	1.92	0.71	1.65
Nitrate (DNO ₃) MG/L	0.61	1.91	0.72	1.63
Nitrogen (TN) MG/L	0.72	1.92	1.04	1.82
Nitrogen (DN) MG/L	0.73	2.08	0.72	1.83
Phosphorus (TP) MG/L	0.012	0.020	0.031	0.036
Phosphorus (DP) MG/L	<0.01	0.016	0.018	0.019
Orthophosphate (DOP) MG/L	<0.01	<0.01	0.015	0.015
Total suspended solids (TSS) MG/L	<5.0	8.0	6.0	8.0
Suspended sediment MG/L	2	2	13	11
pH	8.1	7.2	7.2	7.22
Conductivity (milli-Siemens)	0.233	0.192	0.166	0.152
Dissolved oxygen MG/L	11.3	13.5	8.9	9.72
Temperature (degrees F)	52.7	35.7	53.4	5.0
Flow (cfs)	1.1	9.4	8.6	5.0