

Susquehanna University Science in Motion

Water Quality Data

Limestone Run - Milton High School 2008-2009

	10/9/08	11/11/08	2/19/09	5/20/09
Ammonia (TNH ₃) MG/L	<0.02	<0.02	0.06	<0.02
Ammonia (DNH ₃) MG/L	<0.02	<0.02	0.05	<0.02
Nitrate (TNO ₃) MG/L	2.60	2.58*	4.05	3.21
Nitrate (DNO ₃) MG/L	2.61	2.59*	4.01	3.15
Nitrogen (TN) MG/L	2.77	2.73	4.03	2.8
Nitrogen (DN) MG/L	2.76	2.88	4.04	2.88
Phosphorus (TP) MG/L	0.109	0.121	0.032	0.044
Phosphorus (DP) MG/L	0.098	0.101	0.024	0.035
Orthophosphate (DOP) MG/L	0.085	0.093*	0.023	<0.01
Total suspended solids (TSS) MG/L	10.0	20.0**	<5.0	<5.0
Suspended sediment MG/L	7	12	16	4
pH	7.0	8.0	7.8	7.2
Conductivity (milli-Siemens)	0.621	0.646	0.627	0.425
Dissolved oxygen MG/L	9.1	11.3	11.7	9.2
Temperature (degrees F)	55	42.8	37	52.5
Flow (cfs)	2.64	2.5	9.0	8.5