

Susquehanna University Science in Motion

Water Quality Data

Limestone Run - Milton High School 2007-2008

	9/26	10/31	11/28	1/16	3/26	4/30
Ammonia (TNH ₃) MG/L	0.04	0.04	<0.02	<0.02	<0.02	0.05
Ammonia (DNH ₃) MG/L	0.05	0.05	<0.02	0.02	<0.02	0.04
Nitrate (TNO ₃) MG/L	2.05	2.76	3.41	4.88	4.21	3.26
Nitrate (DNO ₃) MG/L	2.07	2.72	3.51	4.92	4.30	3.28
Nitrogen (TN) MG/L	2.38	2.96	3.65	5.03	4.57	3.77
Nitrogen (DN) MG/L	2.39	2.91	3.66	4.94	4.49	3.68
Phosphorus (TP) MG/L	0.157	0.179	0.099	0.044	0.018	0.055
Phosphorus (DP) MG/L	0.147	0.181	0.083	0.038	0.016	0.047
Orthophosphate (DOP) MG/L	0.142	0.149	0.078	0.024	<0.01	0.040
Total suspended solids (TSS) MG/L	8	16	4	18	2	10
Suspended sediment MG/L	15	19	7	16	6	5
pH	7.8	7.5	7.5	7.8	7.8	7.8
Conductivity (milli-Siemens)	0.641	0.725	0.587	0.554	0.582	0.588
Dissolved oxygen MG/L	9.0	11.0	11.2	12.9	10.6	10.5
Temperature (degrees F)	66.6	44.2	39.4	39.7	45.5	48.2
Flow (cfs)	1.1	1.6	7.3	15.5	18.0	8.8