

Susquehanna University Science in Motion

Water Quality Data

Limestone Run - Milton High School 2006 - 2007

	9/27	11/13	12/13	1/30	4/03	5/08
Ammonia (TNH ₃) MG/L	<0.02	0.04	0.04	<0.02	<0.02	0.04
Ammonia (DNH ₃) MG/L	0.02	0.04	0.04	<0.02	<0.02	0.03
Nitrate (TNO ₃) MG/L	2.40	3.00	3.94*	4.44	4.12	3.43
Nitrate (DNO ₃) MG/L	2.49	2.92	4.07*	4.48	4.18	3.41
Nitrogen (TN) MG/L	2.92	3.24	4.40	4.65	4.28	3.96
Nitrogen (DN) MG/L	2.94	3.26	4.31	4.76	4.38	3.82
Phosphorus (TP) MG/L	0.095	0.106	0.062	0.036	0.024	0.053
Phosphorus (DP) MG/L	0.081	0.080	0.055	0.015	0.024	0.026
Orthophosphate (DOP) MG/L	0.060	0.070	0.043	0.012	0.019	0.018
Total suspended solids (TSS) MG/L	6	10	2	4	<2	36
Suspended sediment MG/L	18	6	11	62	14	41
pH	7.74	7.54	7.86	7.50	7.8	7.6
Conductivity (milli-Siemens)	0.690	0.571	0.549	0.502	0.565	0.553
Dissolved oxygen MG/L	7.0	9.5	7.6	11.3	6.8	6.9
Temperature (degrees F)	54.3	47.3	46.9	34.2	53.0	52.3
Flow (cfs)	2.69	9.31	11.90	8.39	14.75	9.78

*Time limit for test exceeded.