

Susquehanna University Science in Motion

Water Quality Data

Lost Creek - Juniata High School 2006 - 2007

	9/13	11/08	12/21	3/27	4/26	5/29
Ammonia (TNH ₃) MG/L	<.02	0.16	<.02	<.02	<.02	0.10
Ammonia (DNH ₃) MG/L	<.02	0.16	<.02	0.03	<.02	0.07
Nitrate (TNO ₃) MG/L	1.56	1.54	1.61	1.44	1.21	1.01
Nitrate (DNO ₃) MG/L	1.60	1.56	1.71	1.45	1.22	1.02
Nitrogen (TN) MG/L	1.78	2.58	1.87	1.55	1.51	1.31
Nitrogen (DN) MG/L	1.83	2.15	1.96	1.53	1.51	1.28
Phosphorus (TP) MG/L	0.023	0.380	0.018	0.023	0.023	0.061
Phosphorus (DP) MG/L	0.022	0.221	0.012	0.021	0.012	0.044
Orthophosphate (DOP) MG/L	0.014	0.183	<.01	0.012	<.01	0.027
Total suspended solids (TSS) MG/L	2	88	2	10	<2	14
Suspended sediment MG/L	1	67	1	12	9	12
pH	7.6	7.6	7.8	8.2	7.1	7.6
Conductivity (milli-Siemens)	0.217	0.226	0.233	0.153	0.177	0.200
Dissolved oxygen MG/L	7.2	8.1	10.3	10.0	10.5	7.6
Temperature (degrees F)	59.2	49.3	38.1	51.4	48.9	63.3
Flow (cfs)	23.36	81.92	26.11	73.82	78.86	17.48