

Susquehanna University Science in Motion

Water Quality Data

Lost Creek - Juniata High School 2005 - 2006

	9/15/05	11/7/05	1/11/06	2/22/06	4/6/06	5/25/06
Ammonia (TNH ₃) MG/L	0.07	0.06	0.03	<0.02	0.02	0.04
Ammonia (DNH ₃) MG/L	0.06	0.10	0.03	<0.02	<0.02	0.04
Nitrate (TNO ₃) MG/L	0.78	1.18	1.79	1.83	1.02	0.73
Nitrate (DNO ₃) MG/L	0.74	1.19	1.82	1.89	1.02	0.78
Nitrogen (TN) MG/L	1.07	1.12	2.14	1.94	1.34	0.91
Nitrogen (DN) MG/L	2.21	1.10	2.09	1.98	1.26	0.89
Phosphorus (TP) MG/L	0.053	0.013	0.071	<.01	0.016	0.026
Phosphorus (DP) MG/L	0.034	0.014	0.026	0.011	0.015	0.020
Orthophosphate (DOP) MG/L	0.027	<.01	0.011	<.01	<.01	0.017
Total suspended solids (TSS) MG/L	22	<2	<2	<2	<2	<2
Suspended sediment MG/L	15	2	2	32	22	2
pH	7.68	8.67	6.64	8.36	7.80	7.40
Conductivity (milli-Siemens)	0.283	0.238	0.213	0.197	0.210	0.160
Dissolved oxygen MG/L	7.7	9.7	11.1	10.6	12.0	8.2
Temperature (degrees F)	68.5	52.0	40.5	35.6	43.2	57.0
Flow (cfs)	4.31	14.67	59.29	36.88	22.36	18.67