

Susquehanna University Science in Motion

Water Quality Data

Bull Run Creek - Lewisburg High School 2005 - 2006

	9/21/05	12/8/05	2/14/06	4/12/06	5/22/06	7/6/06
Ammonia (TNH ₃) MG/L	0.08	0.02	0.03	0.02	0.07	0.05
Ammonia (DNH ₃) MG/L	0.06	0.02	0.03	0.02	0.05	0.03
Nitrate (TNO ₃) MG/L	2.38	5.66	5.58	3.82	4.01	4.23
Nitrate (DNO ₃) MG/L	2.42	4.28	5.16	3.87	4.12	4.40
Nitrogen (TN) MG/L	2.64	5.28	5.78	4.16	4.70	4.58
Nitrogen (DN) MG/L	2.60	5.01	5.91	4.03	4.39	4.35
Phosphorus (TP) MG/L	0.050	0.033	0.020	0.011	0.032	0.051
Phosphorus (DP) MG/L	0.010	0.012	0.012	<0.01	0.011	0.015
Orthophosphate (DOP) MG/L	<.01	0.013	<0.01	<0.01	0.012	0.014
Total suspended solids (TSS) MG/L	6	34	2	16	32	36
Suspended sediment MG/L	53	74	44	57	48	38
pH	7.62	7.79	7.69	8.19	7.78	7.5
Conductivity (milli-Siemens)	0.602	0.531	0.509	0.580	0.574	0.550
Dissolved oxygen MG/L	9.8	13.8	11.5	12.2	9.5	6.8
Temperature (degrees F)	70.2	39.9	45.7	56.1	49.5	60.3
Flow (cfs)	0.94	8.01	13.2	3.3	3.96	7.99