

Susquehanna University Science in Motion

Water Quality Data

Muncy Creek - Montoursville High School 2005- 2006

	9/28/05	11/21/05	1/30/06	3/22/06	4/20/06	5/24/06
Ammonia (TNH ₃) MG/L	0.06	0.03	0.05	0.03	0.03	0.02
Ammonia (DNH ₃) MG/L	0.05	0.03	0.04	<0.02	0.03	<0.02
Nitrate (TNO ₃) MG/L	0.87	1.19	1.04	1.02	1.58	0.60
Nitrate (DNO ₃) MG/L	0.87	1.18	1.06	1.04	1.11	0.62
Nitrogen (TN) MG/L	0.96	1.20	1.65	1.42	0.84	0.58
Nitrogen (DN) MG/L	0.96	1.17	1.68	1.44	0.86	0.60
Phosphorus (TP) MG/L	0.24	0.016	0.014	0.027	0.018	0.017
Phosphorus (DP) MG/L	0.019	0.011	0.012	0.014	0.019	0.015
Orthophosphate (DOP) MG/L	0.16	0.010	<0.01	0.012	0.018	0.016
Total suspended solids (TSS) MG/L	<2	<2	<2	8	6	2
Suspended sediment MG/L	1	2	2	16	5	15
pH	6.94	6.40	6.94	6.88	6.95	6.70
Conductivity (milli-Siemens)	0.147	0.101	0.131	0.103	0.112	0.155
Dissolved oxygen MG/L	7.7	12.1	9.5	11.6	9.2	20.5
Temperature (degrees F)	65.0	41.1	38.8	37.0	57.9	52.0
Flow (cfs)	33.99	260	589	220	173	230