

# Susquehanna University Science in Motion

## Water Quality Data

### Hemlock Creek - Bloomsburg High School 2007-2008

	10/3	11/7	12/12	3/12	4/16	5/14
Ammonia (TNH <sub>3</sub> ) MG/L	0.04	0.02	0.03	<0.02	<0.02	0.03
Ammonia (DNH <sub>3</sub> ) MG/L	0.04	<0.02	<0.02	<0.02	<0.02	0.03
Nitrate (TNO <sub>3</sub> ) MG/L	1.55	1.49	2.51	1.98	1.13	1.37
Nitrate (DNO <sub>3</sub> ) MG/L	1.55	1.51	2.47	2.03	1.20	1.37
Nitrogen (TN) MG/L	1.61	1.62	2.52	2.09	1.59	1.53
Nitrogen (DN) MG/L	1.60	1.64	2.55	2.16	1.59	1.55
Phosphorus (TP) MG/L	0.017	0.012	0.017	0.012	0.010	0.019
Phosphorus (DP) MG/L	0.012	<0.01	<0.011	<0.01	<0.01	<0.01
Orthophosphate (DOP) MG/L	<.01	<.01	<.01	<.01	<0.01	<0.01
Total suspended solids (TSS) MG/L	10	2	8	<2	<5	<5
Suspended sediment MG/L	3	1	10	4	1	2
pH	7.3	7.2	6.9	7.0	6.7	7.2
Conductivity (milli-Siemens)	0.381	0.261	0.197	0.134	0.157	0.174
Dissolved oxygen MG/L	9.5	12.2	11.5	12.7	9.4	7.9
Temperature (degrees F)	59.5	43.9	44.6	40.0	4.33	51.0
Flow (cfs)	1.08	4.2	NT*	51.4	16.8	16.6

NT - Not tested; water was too deep and fast.