

Susquehanna University Science in Motion

Water Quality Data

Ten Mile Run - Central Columbia High School 2006 - 2007

	10/2	10/30	12/19	4/5	5/10	6/4
Ammonia (TNH ₃) MG/L	<0.02	<0.02	<0.02	<0.02	<0.02	0.06
Ammonia (DNH ₃) MG/L	<0.02	<0.02	<0.02	<0.02	<0.02	0.06
Nitrate (TNO ₃) MG/L	3.86	5.03	2.50	2.24	1.97	2.29
Nitrate (DNO ₃) MG/L	3.98	5.00	2.60	2.24	2.01	2.24
Nitrogen (TN) MG/L	4.64	5.04	2.78	2.40	2.18	2.83
Nitrogen (DN) MG/L	4.71	5.24	2.78	2.33	2.17	2.57
Phosphorus (TP) MG/L	0.012	0.014	0.015	0.015	<0.01	0.032
Phosphorus (DP) MG/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.011
Orthophosphate (DOP) MG/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total suspended solids (TSS) MG/L	6	<2	<2	*	<2	<2
Suspended sediment MG/L	1	2	2	5	7	10
pH	7.07	6.9	7.52	6.2	6.2	6.6
Conductivity (milli-Siemens)	0.170	0.160	0.103	0.100	0.100	0.109
Dissolved oxygen MG/L	6.0	10.5	10.4	10.1	8.7	8.2
Temperature (degrees F)	55.8	48.4	38.4	40.3	58.1	65.1
Flow (cfs)	6.08	13.56	3.07	11.27	9.35	3.65

*Lab error - time limit exceeded.

