

Susquehanna University Science in Motion

Water Quality Data

Ten Mile Run - Central Columbia High School 2007-2008

	9/12	10/11	12/18	2/28	4/17	5/15
Ammonia (TNH ₃) MG/L	0.04	0.04	<0.02	<0.02	<0.02	0.04
Ammonia (DNH ₃) MG/L	0.04	0.05	<0.02	<0.02	<0.02	0.03
Nitrate (TNO ₃) MG/L	2.52	1.66	3.48	2.97	2.54	1.97
Nitrate (DNO ₃) MG/L	2.53	1.63	3.66	3.06	2.58	2.00
Nitrogen (TN) MG/L	2.88	2.06	3.63	3.09	2.71	2.17
Nitrogen (DN) MG/L	2.87	1.92	3.67	3.14	2.71	2.27
Phosphorus (TP) MG/L	0.022	0.086	0.010	0.011	<0.01	0.012
Phosphorus (DP) MG/L	0.016	0.019	<0.01	<0.01	<0.01	0.010
Orthophosphate (DOP) MG/L	<0.01	0.011	<0.01	<0.01	<0.01	<0.01
Total suspended solids (TSS) MG/L	12	98	2	<2	<5	<5
Suspended sediment MG/L	2	96	1	5	3	2
pH	6.8	6.3	7.2	6.0	6.8	6.8
Conductivity (milli-Siemens)	0.163	0.152	0.238	0.136	0.117	0.106
Dissolved oxygen MG/L	9.3	8.3	13.5	14.7	9.8	8.1
Temperature (degrees F)	64.6	61.3	35.6	33.4	51.9	59.0
Flow (cfs)	1.8	1.2	11.6	18.9	8.1	7.5