

Susquehanna University Science in Motion

Water Quality Data

Green Creek - Central Columbia High School 2006 - 2007

	10/2	10/30	12/19	4/4	5/10	6/4
Ammonia (TNH ₃) MG/L	<0.02	<0.02	<0.02	<0.02	0.03	0.06
Ammonia (DNH ₃) MG/L	<0.02	<0.02	<0.02	<0.02	<0.02	0.05
Nitrate (TNO ₃) MG/L	1.34	2.03	2.05	1.63	1.24	1.59
Nitrate (DNO ₃) MG/L	1.40	2.07	2.03	1.62	1.22	1.58
Nitrogen (TN) MG/L	2.06	2.16	2.14	1.66	1.44	1.85
Nitrogen (DN) MG/L	1.81	2.30	2.11	1.67	1.45	1.77
Phosphorus (TP) MG/L	0.014	0.014	0.017	0.017	<0.01	0.036
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	8	<2	2	4	12
Suspended sediment MG/L	4	10	11	9	7	19
pH	7.0	6.1	6.4	7.0	6.2	6.9
Conductivity (milli-Siemens)	0.172	0.108	0.096	.090	0.091	0.114
Dissolved oxygen MG/L	9.6	9.3	11.8	11.0	10.3	7.2
Temperature (degrees F)	51.1	42.6	39.4	46.6	61.7	66.6
Flow (cfs)	28.08	96.06	23.26	50.86	32.89	9.0