

Susquehanna University Science in Motion

Water Quality Data

Lithia Springs Creek - Sunbury Christian Academy 2007-2008

	9/19	10/16	11/14	2/5	3/11	4/22
Ammonia (TNH ₃) MG/L	0.02	0.02	0.04	<0.02	0.03	<0.02
Ammonia (DNH ₃) MG/L	0.02	0.03	0.03	<0.02	<0.02	<0.02
Nitrate (TNO ₃) MG/L	0.88	0.67	0.77	1.55	1.59	0.81
Nitrate (DNO ₃) MG/L	0.89	0.62	0.77	1.56	1.60	0.82
Nitrogen (TN) MG/L	1.12	0.76	0.99	1.75	1.69	0.95
Nitrogen (DN) MG/L	1.02	0.76	0.95	1.70	1.71	0.98
Phosphorus (TP) MG/L	0.018	0.015	0.018	0.018	0.017	0.015
Phosphorus (DP) MG/L	0.015	0.016	0.011	0.014	0.010	<0.01
Orthophosphate (DOP) MG/L	<0.01	<0.01	<0.01	0.010	<0.01	<0.01
Total suspended solids (TSS) MG/L	6	14	20	<2	2	6
Suspended sediment MG/L	6	5	13	3	8	5
pH	7.4	7.5	7.4	7.1	6.7	7.0
Conductivity (milli-Siemens)	0.233	0.233	0.226	0.117	0.104	0.146
Dissolved oxygen MG/L	10.5	10.3	11.1	13.4	13.2	9.2
Temperature (degrees F)	52.7	54.0	42.3	38.5	36.5	55.0
Flow (cfs)	0.7	0.6	1.3	18.4	19.0	5.3