

Susquehanna University Science in Motion

Water Quality Data

Lithia Springs Creek – Sunbury Christian Academy 2009-2010

	4/19/10	5/19/10
Ammonia (TNH ₃) mg/L	<0.02	<0.02
Ammonia (DNH ₃) mg/L	<0.02	<0.02
Nitrate (TNO ₃) mg/L	1.22	1.12
Nitrate (DNO ₃) mg/L	1.22	1.11
Nitrogen (TN) mg/L	1.37	1.28
Nitrogen (DN) mg/L	1.30	1.20
Phosphorus (TP) mg/L	0.026	0.029
Phosphorus (DP) mg/L	0.011	0.014
Orthophosphate (DOP) mg/L	<0.01	<0.01
Total suspended solids (TSS) mg/L	18	18
pH	7.45	7.58
Conductivity milli-Siemens	0.162	0.167
Dissolved oxygen mg/L	12.94	10.18
Temperature degrees F	46.7	53.2
Flow cfs	5.9	4.0