

Susquehanna University Science in Motion

Water Quality Data

Lost Creek – Juniata High School 2009-2010

	4/22/10	5/20/10
Ammonia (TNH ₃) mg/L	<0.02	<0.02
Ammonia (DNH ₃) mg/L	0.02	<0.02
Nitrate (TNO ₃) mg/L	1.23	0.94
Nitrate (DNO ₃) mg/L	1.26	0.95
Nitrogen (TN) mg/L	1.42	1.08
Nitrogen (DN) mg/L	1.38	1.09
Phosphorus (TP) mg/L	0.018	0.026
Phosphorus (DP) mg/L	0.013	0.018
Orthophosphate (DOP) mg/L	<0.01	0.015
Total suspended solids (TSS) mg/L	<5	<5
pH	8.64	8.26
Conductivity milli-Siemens	0.201	0.174
Dissolved oxygen mg/L	12.31	10.93
Temperature degrees F	57.0	61.8
Flow cfs	26.7	24.036