Stream name	Date	Water Temp (C)	Air Temp (C)	Nitrate (mg/L)	Phosphate (mg/L)	Stream Width (m)	Stream Depth (m)	Stream Velocity (m/s)	Discharge (cubic m/s)	Nitrate Load (grams/cubic m)	Phosphate Load (grams/cubic m)	pH (0 to 14)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Salinity (ppm)	Total Alkalinity (mg/L)	TDS (mg/L)	Ammonia (mg/L)	
Conowingo Creek	11-Aug-16	23.9	28.2	7.7	0.16	8.12	0.163	0.504	0.667	5.14	0.107	7.89	8.15	251	118	60	175	0.50	Nitrate and phosphate standards completed.
Wakefield	9-Dec-16	4.1	1.11	8.8	0.29	8.41	0.153	0.579	0.745	6.56	0.216	7.45	14.75	254	128	40	180	0.25	Nitrate and phosphate standards completed

Discharge = stream width (m) x stream depth (m) x velocity (m/sec)
Nitrate Load = Discharge (cubic m/sec) x Nitrate (mg/L)
Phosphate Load = Discharge (cubic m/sec) x Phosphate (mg/L)
mg/L is the same as ppm, ppm = parts per million
Conductivity units, uS/cm is micro Siemens per cm