

AMBIENT LAKE MONITORING NETWORK

Lake Name: Basgalore Lake

County: GLOUCESTER

SiteID: NJW04459-148

Municipality: WOOLWICH TWP

Surface to Bottom Profile

Season: Spring

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	1.1	11.58	11.32	102.7	6.56	0.11
outlet	0.1	0.1		11.77	10.91	99.5	7.05	0.111

Season: Summer

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	1.2	24.34	9.73	116.4	6.03	0.127
outlet	0.3	0.3		24.95	7.93	96	6.57	0.127

Season: Fall

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.5	1	1.0	19.66	7.84	85	6.44	0.127
outlet	0.2	0.2		20.05	7.32	80	6.64	0.128

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.

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Lake Profile Raw Data

Season: Spring

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.05	0.165	1.410	0.022	5.81	5.000	44.670	7.4
outlet	0.048	0.132	1.380	0.021	7.96	12.000	43.216	7.43

Season: Summer

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.056	0.221	0.803	0.048	12.42	19.000	38.315	8.36
outlet	0.052	0.261	0.714	0.067	23.07	12.000	38.894	6.01

Season: Fall

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.056	0.421	0.754	0.081	42.15	7.000	45.716	9.93
outlet	0.094	0.602	0.653	0.167	60.75	20.000	44.303	12.7

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.