

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Jeddy's Pond

County: CUMBERLAND

SiteID: NJW04459-061

Municipality: BRIDGETON CITY

## 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	2.7	1	1	18.07	8.4	89.8	6.85	0.175
1	2.7	2	1	16.68	6.92	71.9	6.64	0.176
outlet	1.4	0.7		18.3	8.07	86.8	6.9	0.177

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	2.8	1	0.2	24.32	2.15	25.5	6.3	0.104
1	2.8	2	0.2	23.61	0.47	5.5	6.18	0.101
outlet	1.6	1		24.63	3.23	38.8	6.33	0.117

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	2.7	1	0.9	19.68	6.18	66.6	6.68	0.172
1	2.7	2	0.9	19.56	6.05	65.2	6.61	0.172
outlet	1.5	1		19.73	6.28	67.9	6.66	0.173

-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	0.013	0.608	3.130	0.024	18.8	17	54.136	5.1
outlet	0.018	0.475	3.300	0.028	16.4	16	55.047	8.79

### 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	0.205	0.992	0.964	0.143	18.6	15	29.746	70.1
Outlet	0.195	1.040	1.130	0.181	11.4	17	31.473	58.8

### 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	0.044	0.311	3.050	0.052	19	20	57.945	6.7
outlet	0.038	0.320	3.340	0.054	10.5	21	59.310	4.92

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume 1, Methods.

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