

AMBIENT LAKE MONITORING NETWORK

Lake Name: Campbells Pond

County: ESSEX

SiteID: NJW04459-052

Municipality: MILLBURN 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	1.9	1	1.3	14.94	11.8	118.3	7.68	1
outlet	0.2	0.2		15.49	10.45	106.1	7.31	1.011

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	1.6	1	1.3	21.78	4.51	51.9	7.14	0.654
outlet	0.2	0.2		23.92	6.25	75	7.56	0.619

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	1.9	1		18.59	3.82	40.8	7.13	0.328
outlet	0.1	0.1		18.69	7.04	75.4	7.43	0.337

-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.

AMBIENT LAKE MONITORING NETWORK

Lake Name: Campbells Pond

County: ESSEX

SiteID: NJW04459-052

Municipality: MILLBURN TWP

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	0.016	0.410	0.100	0.022	13.1	46	123.1	2.47
outlet	0.034	0.609	0.127	0.079	12.3	45	128.4	1.84

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	0.085	0.652	0.339	0.084	22.4	52	124.5	5.55
outlet	0.107	0.693	0.300	0.100	15.8	52	116.5	6.64

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	0.078	0.446	0.504	0.090	9.2	43	82.625	3.54
outlet	0.08	0.434	0.484	0.106	9.7	44	82.830	3.36

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.