

AMBIENT LAKE MONITORING NETWORK

Lake Name: Albert Lake

County: ATLANTIC

SiteID: NJW04459-162

Municipality: FOLSOM BORO

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	1.5	11.81	9.04	83	6.3	0.044
2	1	0.5	1	11.68	9.13	83.5	5.9	0.045

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	1.3	0.6	1.1	25.84	6.52	80.9	6.2	0.04
2	0.9	0.5	0.9	25.26	5.92	72.7	5.96	0.041

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	1.3	21.27	6.22	69.9	5.31	0.046
2	1	0.5	1	21.16	6.02	67.5	5.39	0.045

-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	0.016	0.233	0.654	0.00778	1.85	2	13.3	0.98
2	ND	0.312	0.612	0.0103	1.98	10	13.6	1.11

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	0.019	0.79	0.118	0.00778	14.28	10	13.4	2.48
2	ND	0.743	0.127	0.0169	8.01	9	13.4	2.53

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	0.014	0.420	0.0939	0.0301	4.69	20	13.2	1.88
2	0.012	0.553	0.0866	0.0393	4.46	4.0	13.4	1.85

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.