

AMBIENT LAKE MONITORING NETWORK

Lake Name: Little Pine Lake

County: BURLINGTON

SiteID: NJW04459-197

Municipality: PEMBERTON 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	1.4	0.7	1.4	10.38	8.58	76.4	5.82	0.075
2	1.9	1	1.9	9.37	8.05	70	5.76	0.068

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	1.2	19.03	1.41	15.4	5.98	0.079
2	1.6	1	1.2	19.48	3.02	33.1	5.89	0.062

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	1.4	0.7	1.4	20.78	5.33	59.4	6.17	0.095
2	1.9	1	1.9	19.14	4.58	49.4	5.94	0.11

-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	0.014	0.358	0.0293	0.00778	3.21	7	19.9	1.97
2	0.013	0.365	0.0289	0.00778	3.29	9	20.1	2.07

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	0.65	0.021	0.0302	10.26	28	20	3.1
2	0.022	0.648	0.0272	0.0492	5.99	19	19.4	3.54

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	ND	0.243	0.0270	0.0221	12.01	12	27.6	2.21
2	0.013	0.286	0.0943	0.0422	4.68	20	29.7	2.28

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.