

# AMBIENT LAKE MONITORING NETWORK

**Lake Name:** Amphibious Lake  
**SiteID:** NJW04459-169

**County:** BURLINGTON  
**Municipality:** NEW HANOVER 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	0.5	1	9.75	9.22	81	6.19	0.152
2	2.8	1	1.8	10.24	9.53	84.5	6.43	0.153
2	2.8	2	1.8	10.22	9.57	84.9	6.48	0.153

**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	0.5	0.9	21.79	7.25	83.2	6.54	0.183
2	2.7	1	1.1	22.2	7.97	92.2	6.89	0.182
2	2.7	2	1.1	18.56	0.48	5.2	6.6	0.202
2	2.7	2.5	1.1	15.58	0.24	2.4	6.73	0.279

**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	1.6	1	0.9	22.32	5.05	58	6.3	0.159
2	3.4	1	0.8	22.54	5.13	59.2	6.62	0.157
2	3.4	2	0.8	22.46	4.67	53.8	6.59	0.158
2	3.4	3	0.8	20.82	0.3	3.3	6.39	0.26

-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 Name: Amphibious Lake

County: BURLINGTON

SiteID: NJW04459-169

Municipality: NEW HANOVER 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	0.028	0.56	0.02	0.06	7.23	9.00	36.40	4.83
2	0.029	0.38	0.02	0.04	6.84	15.00	37.60	3.92

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	0.045	0.789	0.0063	0.282	43.01	29	41.7	7.1
2	0.033	0.622	0.0063	0.0078	43.31	35	41.1	4.86
2A	0.052	1.48	0.0063	0.583	48.52	42	44.8	8.44

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	0.028	0.420	0.00630	0.018	52.17	1.0	43.2	7.08
2	0.035	0.456	0.00630	0.0217	52.92	25	43.6	7.52

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.