

# AMBIENT LAKE MONITORING NETWORK

**Lake Name:** Clinton WMA Pond

**County:** HUNTERDON

**SiteID:** NJW04459-113

**Municipality:** UNION TWP

## Surface to Bottom Profile

**Season:** Spring

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	4.2	1	2.0	17.68	11.41	121.2	9.26	0.132
1	4.2	2	2.0	12.83	14.57	140	8.9	0.135
1	4.2	3	2.0	9.45	12.42	110.1	8.27	0.122
1	4.2	4	2.0	8.08	6.13	52.9	7.76	0.129
outlet	0.2	0.2		18.99	11.38	124.3	9.34	0.129

**Season:** Summer

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	4.2	1	2.2	28.09	7.61	99.6	8.9	0.155
1	4.2	2	2.2	25	8.09	99.8	8.52	0.161
1	4.2	3	2.2	21.88	2.12	24.6	7.55	0.17

**Season:** Fall

<i>Station</i>	<i>Tot. Depth (M)</i>	<i>Profile Depth (M)</i>	<i>Secchi (M)</i>	<i>Water Temp (C)</i>	<i>DO (mg/L)</i>	<i>DO (%Sat)</i>	<i>pH (SU)</i>	<i>Conductivity (mS/cm)</i>
1	3.9	1	2.8	21.03	8.37	94.2	8.24	0.169
1	3.9	2	2.8	20.74	7.85	87.9	8.16	0.169
1	3.9	3	2.8	20.48	6.16	68.6	7.74	0.172

-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	0.241	0.544	0.008	3.1	46.000	55.313	2.54
outlet	0.044	0.231	0.254	0.005	8.9	51.000	53.656	2.59

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	0.025	0.410	0.038	0.006	6.8	56.000	69.009	1.92

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	0.017	0.410	0.022	0.014	7.75	40.000	79.869	1.64

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.