

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Wampum Lake

County: Monmouth

SiteID: NJW04459-222

Municipality: Eatontown Boro

## Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/21/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.072	0.642	0.49	0.424	3.62	20	101	23.6
2	0.077	0.723	0.457	0.343	15.93	19	98.7	29.1

Season: Summer

Date sampled: 7/26/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.097	0.923	0.495	0.075	70.27	25	102	16.9
2	0.08	0.838	0.517	0.109	36.71	22	99.5	21.6

Season: Fall

Date sampled: 10/4/2010

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.079	0.663	0.609	0.32	1.79	20	79.9	22.0
2	0.102	0.765	0.645	0.313	3.03	12	74.7	27.0

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.

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Wampum Lake

County: Monmouth

SiteID: NJW04459-222

Municipality: Eatontown Boro

## Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/21/2010

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	0.5	12.52	7.8	73.7	6.42	0.537
2	1	1	0.5	11.68	6.54	60.7	6.51	0.53

Season: Summer

Date sampled: 7/26/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.9	0.5	0.5	25.03	6.72	81.2	6.07	0.499
2	1.6	1	0.6	24.11	4.71	55.9	6.55	0.47

Season: Fall

Date sampled: 10/4/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.9	0.5	0.6	14.56	6.94	67.9	8.25	0.491
2	1.6	1	0.4	14.91	6.42	63.3	7.43	0.482

-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.