

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Keswick Lake

County: Ocean

SiteID: NJW04459-042

Municipality: Manchester Twp

## Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/14/2011

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	0.021	0.211	0.337	0.0249	1.99	4	13.5	2.22

Season: Summer

Date sampled: 6/15/2011

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	0.014	0.35	0.07	0.022	4.86	4	14	3.45
2	0.014	ANR	ANR	ANR	3.42	12	14.7	2.13

Season: Fall

Date sampled: 9/19/2011

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	ND	0.388	0.162	0.0359	3.67	22	14.9	2.22
2	ND	0.373	0.234	0.046	1.67	10	16	2.39

Sample Device - Horizontal Polycarbonate Sampler; a blank parameter result means the parameter could not be analyzed due to a lab error.

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

"ANR" (Analyte Not Requested) indicates a sample was not collected for this parameter.

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Keswick Lake

County: Ocean

SiteID: NJW04459-042

Municipality: Manchester Twp

## Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 4/14/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	1	B	13.29	7.96	76	5.82	0.108

Season: Summer

Date sampled: 6/15/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	1.1	B	21.27	6.49	73.4	5.48	0.121
2	1.3	0.6	B	19.37	5.35	58.3	5.43	0.132

Season: Fall

Date sampled: 9/19/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.8	1	P	17.03	6.27	64	5.31	0.096
2	1.1	0.5	B	16.36	5.86	58.3	5.33	0.106

"B" indicates secchi can be seen at the Bottom of lake; "P" indicates secchi depth was Obscured, typically (but not always) by plants.

-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.