

AMBIENT LAKE MONITORING NETWORK

Lake Name: Gilman Lake

County: Gloucester

SiteID: NJW04459-005

Municipality: Harrison Twp

Lake Profile Raw Data

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/8/2010

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	ND	0.24	3.9	0.0369	2.21	8	49.4	1.81
2	0.013	0.289	2.43	0.0388	3.21	9	42.2	2.09
3	0.012	0.281	3.2	0.0256	3.39	4	45.4	1.87

Season: Summer

Date sampled: 7/1/2010

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	0.036	0.465	2.28	0.01	8.23	2	45.3	3.56
2	0.039	0.439	1.88	0.00951	11.36	13	43.2	3.56
3	0.026	0.434	2.03	0.01	8.35	8	43.2	3.26

Season: Fall

Date sampled: 9/14/2010

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	ND	0.301	2.83	0.0234	2.75	25	53.6	0.84
2	0.012	0.284	2.49	0.0374	2.07	9	49.2	0.99
3	0.014	0.298	2.58	0.0308	1.96	8	50.9	0.62

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: Gilman Lake

County: Gloucester

SiteID: NJW04459-005

Municipality: Harrison Twp

Surface to Bottom Profile

Panel: 1 Round: 2

Season: Spring

Date sampled: 4/8/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.7	1.4	17.35	7.4	77.9	7.06	0.163
2	1.4	0.7	1.4	18.79	7.98	86.6	6.76	0.146
3	2	1	2	17.63	8.19	86.9	6.48	0.153

Season: Summer

Date sampled: 7/1/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.7	1.4	23.78	7.66	90.7	6.47	0.132
2	1.4	0.7	1.4	22.95	6.54	76.3	6.5	0.121
3	1.9	1	1.8	23.54	7.77	91.5	6.54	0.132

Season: Fall

Date sampled: 9/14/2010

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	0.7	1.4	19.79	8.73	95.9	7.43	0.179
2	1.5	1	1.5	18.3	8.46	90.2	7.09	0.154
3	1.9	1	1.9	20.7	9.31	104.1	7.07	0.168

-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.