AMBIENT LAKE MONITORING NETWORK

Lake Name: **Allentown Lake**   **County:** **Monmouth**

SiteID: *NJW04459-231*   **Municipality:** **Allentown 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	0.058	0.33	0.889	0.023	9.26	28	55.5	8.11

Season: *Summer*   *Date sampled:* *7/16/2010*

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	0.087	0.584	0.329	0.143	22.17	15	60.1	13.0

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	0.094	1.48	0.146	0.124	54.49	30	80.6	21.9

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume 1, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.

AMBIENT LAKE MONITORING NETWORK

Lake Name: **Allentown Lake** *County:* **Monmouth**

SiteID: *NJW04459-231* *Municipality:* **Allentown 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	1.5	1	1.2	13.4	7.84	75.6	6.17	0.198

Season: **Summer** Date sampled: **7/16/2010**

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.6	1	0.9	24.89	4.66	56.2	6.77	0.202

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	1	0.6	20.39	6.06	67.3	6.92	0.256

-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.