AMBIENT LAKE MONITORING NETWORK

Lake Name:	**Bear Swamp Lake**	*County:*	**Bergen**
SiteID:	*NJW04459-240*	*Municipality:*	**Mahwah**

Lake Profile Raw Data

Panel: **2** *Round:* **2**

Season: **Spring** *Date sampled:* **5/23/2011**

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	0.033	0.79	0.02	0.011	13.68	10	11.3	7.47

Season: **Summer** *Date sampled:* **8/16/2011**

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	0.049	0.398	0.0337	0.0125	5.61	ANR	9.69	0.91

Season: **Fall** *Date sampled:* **11/15/2011**

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	0.019	0.314	0.0113	0.00369	3.05	5	11.8	1.50

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 1, Methods.

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

AMBIENT LAKE MONITORING NETWORK

Lake Name: **Bear Swamp Lake**   *County:* **Bergen**

SiteID: *NJW04459-240*   *Municipality:* **Mahwah**

Surface to Bottom Profile   *Panel:* **2**   *Round:* **2**

Season: *Spring*   Date sampled: *5/23/2011*

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.8	0.4	P	14.47	4.89	49.1	5.27	0.029

Season: *Summer*   Date sampled: *8/16/2011*

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	0.6	0.5	P	20.22	1.91	21.6	7.53	0.028

Season: *Fall*   Date sampled: *11/15/2011*

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.1	0.5	B	9.93	6.81	61.9	5.46	0.03

"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.