AMBIENT LAKE MONITORING NETWORK

Lake Name: **Burnt Mill Pond**   *County:* **CUMBERLAND**

SiteID: *NJW04459-014*   *Municipality:* **VINELAND CITY**

Surface to Bottom Profile

Season: **Summer**

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	0.9	1.1	25.56	12.25	149.3	6.93	0.148
outlet	0.5	0.5		29.41	9.39	122.7	8.44	0.159

Season: **Fall**

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	0.9	1.1	22.51	8.64	98.6	6.97	0.158
outlet	0.8	0.5		23.9	9.2	107.7	9.02	0.16

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded because visibility was obscured by vegetation.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.

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Lake Name: **Burnt Mill Pond**   *County:* **CUMBERLAND**

SiteID: *NJW04459-014*   *Municipality:* **VINELAND CITY**

Lake Profile Raw Data

Season: **Summer**

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	< 38.41	0.352	4.71	0.029	36.8	15	42	2.27
outlet	< 38.41	0.398	3.87	0.043	4.5	20	39.6	0.93

Season: **Fall**

Station	Tot Phos (ug/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	<10.37	0.24	4.54	0.028	3.2	18	37.7	0.71
outlet	21.19	0.206	3.94	0.03	2.2	17	36.7	0.42

Sample Device - Horizontal Polycarbonate Sampler

"<" 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.