

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Irisado Lake

County: OCEAN

SiteID: NJW04459-077

Municipality: BRICK TWP

## Surface to Bottom Profile

Season: Spring

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	1.1	16.63	7.83	81.2	6.33	0.162
2	1.7	1	1.7	17.16	7.75	81.4	6.68	0.16

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	1.2	0.5	1.1	26.49	5.92	73.7	6.58	0.119
2	1.3	1	1.3	26.74	5.95	74.3	6.72	0.111

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	1	1.1	21.65	5.3	60.8	6.79	0.111
2	1.5	1	1.2	21.88	5.57	64.4	6.72	0.102

-Secchi measurements are not recorded for outlets.

-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.

# AMBIENT LAKE MONITORING NETWORK

**Lake Name:** Irisado Lake  
**SiteID:** NJW04459-077

**County:** OCEAN  
**Municipality:** BRICK TWP

## Lake Profile Raw Data

### Season: Spring

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	0.008	0.305	0.735	0.042	3.5	9	18.405	1.66
2	0.01	0.278	0.552	0.047	3	10	17.877	1.26
outlet	0.011	0.299	0.551	0.049	2.5	10	17.870	1.51

### Season: Summer

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	ND	.392	.259	.062	16.2	12	18.312	1.94
2	0.033	.415	.107	.047	24.3	11	17.086	2.3
outlet	0.034	.559	.103	.069	39.7	11	17.103	2.81

### Season: Fall

<i>Station</i>	<i>Tot Phos</i> (mg/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	0.028	0.456	0.291	0.083	18.6	12	17.062	5.07
2	0.023	0.512	0.230	0.103	18	10	15.255	2.53
outlet	0.023	0.486	0.241	0.099		11	15.305	2.24

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.