

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Allentown Lake  
SiteID: NJW04459-231

County: MONMOUTH  
Municipality: ALLENTOWN BORO

## 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	1.4	0.9	1.0	26.11	7.72	95.4	7.14	0.204
outlet	0.6	0.6		26.68	7.11	88.9	7.2	0.203

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	1.3	0.9	0.5	23.27	8.61	100.5	7.47	0.235
outlet	0.8	0.5		24.29	7.15	85	7.32	0.235

-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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**County:** MONMOUTH

**SiteID:** NJW04459-231

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## Lake Profile Raw Data

**Season:** Summer

<i>Station</i>	<i>Tot Phos</i> <i>(ug/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	59.94	1.07	0.298	0.075	197.8	37	59.9	17.9
outlet	73.72	0.717	0.249	0.032	111.4	39	62.4	15.2

**Season:** Fall

<i>Station</i>	<i>Tot Phos</i> <i>(ug/L)</i>	<i>TKN</i> <i>(mg/L)</i>	<i>Nitrite-Nitrate</i> <i>(mg/L)</i>	<i>Ammonia-N</i> <i>(mg/L)</i>	<i>Chl a</i> <i>(ug/L)</i>	<i>Alk</i> <i>(ppm)</i>	<i>Hard</i> <i>(ppm)</i>	<i>Turbidity</i> <i>(NTU)</i>
1	118.91	1.09	0.21	0.034	96.5	43	75.8	21.3
outlet	83.79	0.827	0.18	0.054	65.9	39	75.5	21.7

*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.*