

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Fawn Lake

County: OCEAN

SiteID: NJW04459-224

Municipality: STAFFORD TWP

## 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	1.2	0.9	0.9	26.33	6.72	85	6.37	0.141
2	1.7	0.9	0.9	26.89	5.96	76	6.6	0.142
outlet	0.2	0.2		28.53	6.61	87	7.44	0.06

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	0.9	0.6	0.9	20.21	8.5	92.1	6.73	0.177
2	1.1	0.9	1.1	19.97	7.97	86	6.68	0.177

-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 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	0.299	<0.006	0.019	13.5	12	13.2	17.1
2	< 38.41	0.389	<0.006	0.024	25.5	12	13.1	8.53
outlet	< 38.41	0.462	<0.006	0.026	19.3	12	13	4.37

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	24.89	0.666	<0.006	0.08	8.7	13	14.8	5.02
2	14.17	0.577	<0.006	0.084	3.1	12	14.5	2.92

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.