

AMBIENT LAKE MONITORING NETWORK

Lake Name: Deer Head Lake

County: OCEAN

SiteID: NJW04459-288

Municipality: LACEY 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	0.8	0.4	0.8	19.68	7.74	84.4	4.27	0.054
2	1.1	0.5	1.1	20.09	7.76	85.4	4.25	0.054

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	0.9	0.4	0.9	18.42	6.7	70.8	4.34	0.049
2	1.1	0.5	1.1	22.59	7.13	81.7	4.2	0.046

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	0.8	0.4	0.8	11.49	7.28	66	3.99	0.061
2	1.2	0.6	1	12	6.95	63.6	3.97	0.063

-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.

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Lake Profile Raw Data

Season: Spring

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.016	0.339	0.021	0.017	2.7	1	4.35	1.04
2	ND	036	0.021	0.015	4.49	1	4.21	1.07

Season: Summer

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	ND	0.320	0.0375	0.0168	1.45	1.0	4.69	1.65
2	ND	0.276	0.0063	0.0208	3.41	1.0	4.36	1.88

Season: Fall

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.01	0.504	0.0150	0.0288	0.56	1.0	5.10	1.88
2	0.016	0.544	0.0152	0.0345	0.93	1.0	5.55	5.19

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.