

AMBIENT LAKE MONITORING NETWORK

Lake Name: Amwell Lake

County: HUNTERDON

SiteID: NJW04459-184

Municipality: EAST AMWELL 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	2	1	0.5	12.5	7.44	69.5	6.64	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	2.2	1	0.9	23.93	2.98	36	7.1	0.157
1	2.2	2	0.9	18.91	0.24	2.5	6.47	0.234

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	2.2	1	0.9	16.2	4.06	42.6	7.04	0.174
1	2.2	2	0.9	15.6	2.06	21.5	6.96	0.173

-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: Amwell Lake

County: HUNTERDON

SiteID: NJW04459-184

Municipality: EAST AMWELL TWP

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	0.179	1.440	0.100	0.1440	14.17	#LA	53.6	25.2

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	0.212	2.13	0.0063	0.0404	200.53	45	57	12.4
1A	0.353	2.19	0.0063	0.04	115.97	50	60.3	20.2

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	0.163	0.820	0.00630	0.0825	26.95	85	60.9	9.44

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.