

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Kittatinny Camp Lake

County: SUSSEX

SiteID: NJW04459-054

Municipality: SANDYSTON 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	1.5	1	1	14.27	11.15	112	8.76	0.221
outlet	0.1	0.1		16.01	7.6	79.3	8.31	0.229

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	1.7	1	0.5	20.29	0.81	9.2	6.84	0.252

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	1.6	1.1	0.5	16.21	0.92	9.4	7.12	0.205
outlet	0.1	0.1		17.04	5.11	53.5	7.57	0.239

-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	0.014	0.347	0.006	0.023	4.6	87	103.7	2.77
outlet	0.086	1.930	0.007	0.041	29.8	88	104.0	6.99

### 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	0.049	0.790	0.006	0.039	32.6	78	100.6	8.7
outlet	ND	0.467	0.013	0.044	3.2	83	98.401	1.79

### 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	0.057	1.100	0.002	0.033	29.3	102.0	119.5	9.87
outlet	0.038	0.343	0.035	0.047	5.1	124.0	129.9	2.7

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.