

AMBIENT LAKE MONITORING NETWORK

Lake Name: Kirkwood
SiteID: NJW04459-002

County: CAMDEN
Municipality: VOORHEES 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	0.9	0.5	0.4	29.55	4.42	57.5	6.86	0.231
2	1.0	0.6	0.4	29.41	4.53	59.3	6.89	0.221
outlet	0.9	0.6		29.96	5.83	77.1	7.05	0.215

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	0.5	0.3	23.66	5.93	69.9	6.9	0.237
2	0.9	0.8	0.3	23.66	5.87	69.1	6.88	0.231
outlet	0.3	0.3		23.35	5.53	64.8	6.9	0.229

-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

<i>Station</i>	<i>Tot Phos</i> (ug/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	180.08	0.613	0.012	0.014	60.2	48	58.5	17.1
2	196.83	0.609	0.009	0.022	59.4	47	56	14.5
outlet	139.41	0.53	0.01	0.023	35.7	43	52.9	10

Season: Fall

<i>Station</i>	<i>Tot Phos</i> (ug/L)	<i>TKN</i> (mg/L)	<i>Nitrite-Nitrate</i> (mg/L)	<i>Ammonia-N</i> (mg/L)	<i>Chl a</i> (ug/L)	<i>Alk</i> (ppm)	<i>Hard</i> (ppm)	<i>Turbidity</i> (NTU)
1	196.44	1.08	<0.006	0.021	54.2	47	57.4	21.3
2	579.03	1.35	<0.006	<0.015	77.5	51	58.1	29.4
outlet	219.82	1.2	0.077	0.065	59.6	47	57	21.4

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.