

AMBIENT LAKE MONITORING NETWORK

Lake Name: Hubers Lake
SiteID: NJW04459-001

County: BERGEN
Municipality: OAKLAND BORO

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	1.4	0.9	1.2	24.53	3.14	38	7.15	0.561
2	3.2	0.9	1.6	24.58	1.99	24.2	7.08	0.561
2	3.2	1.8	1.6	24.14	3.43	41.2	7.17	0.565
2	3.2	2.7	1.6	20.35	0.06	0.7	6.57	0.872
outlet	0.8	0.5		22.57	4.9	57.2	7.11	0.624

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	1.1	0.9	1.0	13.84	7.18	67.9	6.98	0.417
2	3.1	0.9		13.93	6.68	64.1	6.95	0.402
2	3.1	1.8		13.87	6.13	60.5	6.89	0.403
2	3.1	2.7		13.81	5.87	56	6.82	0.447
outlet	0.6	0.3		14.14	9.02	89	7.09	0.405

-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	75.1	0.936	0.082	0.168	76.8	105	144.7	5.39
2	112.81	0.773	0.078	0.212	23.5	101	144.7	3.4
outlet	84.56	0.771	0.076	0.215	16.2	99	144.4	2.81

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	138.63	1.06	3.4	0.161	1.5	61	110.2	3.22
2	16.08	0.714	3.42	0.167	0.9	58	104.8	2.07
outlet	46.69	0.694	3.44	0.167	0.8	59	104.4	2.21

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.