

AMBIENT LAKE MONITORING NETWORK

Lake Name: White Rock Lake
SiteID: NJW04459-226

County: MORRIS
Municipality: JEFFERSON 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	2.7	0.9	1.8	27.21	5.83	75.2	7.71	0.454
1	2.7	1.8	1.8	27.02	5.29	68.1	7.59	0.455
outlet	<0.2	<0.2		26.46	6.07	77.3	7.81	0.456

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	2.6	0.9	1.4	20.25	5.82	65.6	7.4	0.462
1	2.6	1.8	1.4	20.08	5.4	60.7	7.37	0.462

-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 Name: White Rock Lake

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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	< 38.41	0.359	<0.006	0.02	18.3	71	119.1	2.47
outlet	< 38.41	0.531	0.05	0.088	17.7	74	120.8	3.34

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	26.15	0.551	<0.006	0.024	22.5	92	122.1	3.63

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.