

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Gilman Lake  
SiteID: NJW04459-005

County: GLOUCESTER  
Municipality: HARRISON 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	1.2	0.9	1.2	23.54	7.7	90.6	7.53	0.166
2	1.3	0.9	1.3	26.57	7.64	95.2	7.61	0.14
3	2.0	0.9	1.8	25.57	9.33	114	7.81	0.156
3	2.0	1.8	1.8	23.66	10.09	120.7	7.68	0.144
outlet	0.2	0.2		30.64	6.45	86.3	8.06	0.152

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	1.2	0.9	1.2	20.71	6.75	75.2	6.07	0.171
2	1.3	0.9	1.3	20.01	6.42	70.3	6.03	0.157
3	2.2	0.9	2.2	22.22	8.18	93.5	6.28	0.161
3	2.2	1.8	2.2	22.17	8.22	94	6.32	0.161
outlet	<0.2	<0.2		22.65	7.93	91.5	6.48	0.163

-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: Gilman Lake

County: GLOUCESTER

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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	0.361	2.66	0.037	3.7	8	48.2	0.91
2	< 38.41	0.307	2.32	0.039	11.1	12	46.2	1.65
3	< 38.41	0.3	2.47	0.026	12.2	12	48.2	1.57
outlet	< 38.41	0.302	2.17	0.028	20.0	14	47.1	1.46

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	<10.37	0.281	2.4	0.064	1.8	11	49.7	1.24
2	<10.37	0.283	2.09	0.063	2.6	13	48.1	1.21
3	<10.37	0.265	2.08	0.059	2.2	12	48.4	1.12
outlet	<10.37	0.275	2.11	0.059	2.4	11	48.2	0.9

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.