

AMBIENT LAKE MONITORING NETWORK

Lake Name: Laurel Lake

County: CAMDEN

SiteID: NJW04459-161

Municipality: LAUREL SPRINGS BORO

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	0.9	0.5	0.9	9.81	8.94	79.5	6.59	0.165
2	1.7	1	1.2	9.78	8.97	79.8	6.66	0.163

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	0.9	22.44	4.8	55.9	6.89	0.175
2	1.8	1	1	21.58	4.28	49	6.62	0.166

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	0.9	0.5	0.9	20.66	6.41	71.2	6.49	0.155
2	1.8	1	1.3	19.39	5.87	63.6	6.28	0.153

-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	0.043	0.566	0.651	0.1550	8.6	35	47.8	4.42
2	0.049	0.682	0.588	0.5550	12.87	7	45.7	6.43

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	0.068	0.634	0.419	0.108	16.04	26	46.3	5.3
2	0.059	0.613	0.41	0.103	14.78	40	45.1	3.71

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	0.044	0.359	0.419	0.0915	3.79	28	43.6	4.63
2	0.055	0.425	0.408	0.11	5.37	19	42.7	5.69

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.