

AMBIENT LAKE MONITORING NETWORK

Lake Name: Overpeck Creek
SiteID: NJW04459-254

County: BERGEN
Municipality: RIDGEFIELD PARK VILLAGE

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	7.1	1	0.8	16.4	9.63	96.8	7.55	0.48
1	7.1	2	0.8	16.24	9.55	95.7	7.65	0.481
1	7.1	3	0.8	16.09	8.96	89.4	7.6	0.481
1	7.1	4	0.8	15.97	6.9	68.8	7.42	0.475
1	7.1	5	0.8	15.37	4.06	39.9	7.25	0.483
1	7.1	6	0.8	13.27	0.61	5.9	7.09	0.503
2	3.2	1	0.7	16.44	10.36	104.1	8.01	0.482
2	3.2	2	0.7	16.18	9.91	99.1	7.83	0.482
2	3.2	3	0.7	15.81	8.58	85.2	7.62	0.49
3	2	1	0.6	16.63	11.42	115.4	7.87	0.652

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	7.3	1	0.7	27.35	7.56	95.3	8.24	0.578
1	7.3	2	0.7	26.96	6.6	82.6	8.01	0.631
1	7.3	3	0.7	25.3	1.09	13.2	7.25	1.089
1	7.3	4	0.7	22.52	0.21	2.4	7.14	0.843
1	7.3	5	0.7	20.59	0.11	1.2	7.04	2.02
1	7.3	6	0.7	18.59	0.09	0.9	6.99	2.39
1	7.3	7	0.7	17.45	0.08	0.8	6.94	2.42
2	3.1	1	0.7	28.03	6.6	84.1	8.1	0.459
2	3.1	2	0.7	27.36	5.92	74.6	7.91	0.466
3	2	1	0.7	27.67	6.32	80	7.46	0.483

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	7.3	1	0.6	20.52	9.21	101.8	8.2	1.59
1	7.3	2	0.6	20.7	8.8	97.7	8.14	1.88
1	7.3	3	0.6	21.41	2.12	24.1	7.32	3.13
1	7.3	4	0.6	21.84	0.71	8.1	7.14	3.86
1	7.3	5	0.6	21.88	0.16	1.8	7.02	4.15
1	7.3	6	0.6	21.77	0.12	1.4	7.03	4.42
1	7.3	7	0.6	21.22	0.08	0.9	6.91	4.55
2	3.2	1	0.4	21.02	8.42	93.7	8.03	0.849
2	3.2	2	0.4	20.82	7.8	86.5	7.87	0.887
2	3.2	3	0.4	20.56	4.14	45.7	7.43	1.238
3	2.0	1	0.5	21.13	12.93	144.4	8.59	0.7

-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	0.069	1.190	0.990	0.109	61.7	51.000	117.000	6.97
2	0.073	0.931	1.020	0.124	67.8	71.000	122.800	9.76
3	0.091	1.060	1.010	0.144	88.6	84.000	166.400	11.7

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	0.082	1.100	0.237	0.042	51.3	79.000	124.500	8.93
2	0.071	1.050	0.223	0.194	38.8	71.000	112.200	9.27
3	0.121	1.220	0.341	0.198	53.6	63.000	124.100	9.36

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	0.099	1.380	0.435	0.113	100.51	106.0	218.900	8.36
2	0.125	1.450	0.407	0.077	146.63	101.0	166.300	13.6
3	0.145	1.570	0.101	0.083	164.97	110.0	164.300	10.8

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.