

2020 Lake Owassa Water Quality Results

May Test

Saturday, May 30, 2020

12 - 2pm

Sunny, Clear skies, 72°F

Wind: from west 5-10 mph

Location	Depth feet	DO % Sat	DO mg/L	Temp °F	Conductivity mS/cm	pH Units	Turbidity NTU	NH4+ mg/L-N	NO3- mg/L-N	Secchi Disk	Total Phos. mg/L	Chlorophyll a µg/L
cove	1	112.5	8.00	74.3	0.1275	7.32	2.5	0.03	1.50	48"		3.95
outlet	1	118.3	8.29	75.0	0.1271	7.35	1.2	0.03	1.12			4.08
mid-lake 1	1	119.6	8.52	74.3	0.1265	7.42	1	0.03	1.28		Awaiting Results	4.55
mid-lake 3	3	113.8	8.20	73.2	0.1267	7.42	1.3	0.03	1.03			4.71
mid-lake 6	6	108.2	8.01	70.5	0.1258	7.26	1.6	0.03	1.22			4.82
mid-lake 10	10	87.6	6.94	65.0	0.1246	6.95	1.4	0.03	1.33			3.47
mid-lake 15	15	55.8	4.88	58.1	0.1237	6.62	1.3	0.03	1.53			3.16
stream	1	116.6	8.37	73.1	0.1273	7.31	1.4	0.03	1.67			4.77
upper lake	1	118.2	8.46	74.2	0.1270	7.42	1.8	0.03	1.76		4.50	
storm drain	1	119.7	8.54	74.1	0.1261	7.25	1.4	0.03	1.65		3.76	
inlet	1	118.7	8.50	74.1	0.1266	7.31	2.4	0.03	1.68		3.79	

> 70 fair > 4 Fair < 80 = good < 0.5 6.5 - 8.2 < 40 good < 1 = good < 5=fair < 0.05 = gooc 2 to 12µ/L
 >90 Excellent > 6 Best good optimal < 10 best < 3 = good < 2 = excellent acceptable