2020 Lake Owassa Water Quality Results

August Test

Friday, August 21, 2020

11:30 - 1pm

High clouds (50% cover)

Wind 5 mph from west

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	119.0	8.16	77.70	0.1337	8.25	4.1	0.04	4.40			6.30
outlet	1	117.8	8.16	77.40	0.1333	8.12	3.6	0.04	4.27			4.66
mid-lake 1	1	120.4	8.31	76.80	0.1334	8.00	4.3	0.04	4.35			5.37
mid-lake 3	3	118.0	8.22	76.50	0.1333	8.01	4.7	0.04	4.39			6.37
mid-lake 6	4	113.4	7.93	76.00	0.1334	7.83	4.7	0.04	4.42		Results	7.05
mid-lake 10	10	110.2	7.73	75.80	0.1334	7.66	4.9	0.04	4.39	37"	sent to	7.25
mid-lake 12	12	84.4	5.95	75.10	0.1338	7.33	4.1	0.04	4.45		lab	4.81
stream	1	119.0	8.22	77.10	0.1338	8.11	4.9	0.04	4.40			4.07
upper lake	1	120.1	8.33	77.00	0.1338	8.13	6.4	0.04	4.39			4.92
storm drain	1	109.8	7.60	76.60	0.134	7.65	5.8	0.05	4.35			4.87
inlet	1	103.4	7.57	75.40	0.1336	7.53	5.7	0.05	4.30			5.50

> 70 fair	> 4 Fair	< 80 = good	< 0.5	6.5 - 8.2	< 40 good	< 1 = good	< 5=fair		< 0.05 = good
>90 Excellent	> 6 Best		good	optimal	< 10 best		< 3 = good		
							< 2 = excellent		

**Note: Issue with NO3- sensor on probe (A "?" next to parameter reading = detection limit issue, but was still recording information)