

Leisure Ponds is building a database for your Water Feature

Water Feature - WATER QUALITY DATA 2022

Park Charles

Lake 3

	J	F	M	A	M	J	J	A	S	O	N	D
<b>Basic Limnology Tests</b>												
<input checked="" type="checkbox"/> DATE	1/18/2022											
<input checked="" type="checkbox"/> TIME	10:00											
<input checked="" type="checkbox"/> TEMPERATURE	42											
<input checked="" type="checkbox"/> pH	6.9											
<input checked="" type="checkbox"/> ALKALINITY	60											
<input checked="" type="checkbox"/> HARDNESS	60											
<input checked="" type="checkbox"/> SECCHI DEPTH	30											
<input checked="" type="checkbox"/> TOTAL CHLORINE	0.00											
<input checked="" type="checkbox"/> FREE CHLORINE	0.00											
<b>Lake Nutrients</b>												
<input type="checkbox"/> NITROGEN Kjeldahl TKN												
<input checked="" type="checkbox"/> AMMONIA NITROGEN NH3-N	0.00											
<input checked="" type="checkbox"/> UN-IONIZED AMMONIA NH4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<input checked="" type="checkbox"/> IONIZED AMMONIA NH4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<input checked="" type="checkbox"/> NITRATE NO3	0.00											
<input checked="" type="checkbox"/> NITRITE NO2	0.00											
<input checked="" type="checkbox"/> TOTAL PHOSPHOROUS P	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<input checked="" type="checkbox"/> ORTHO-PHOSPHATES PO4	0.14											
<b>Aquatic Activity &amp; Fish Health</b>												
<input type="checkbox"/> DISSOLVED OXYGEN												
<input type="checkbox"/> DISSOLVED OXYGEN												
<input type="checkbox"/> AMMONIA TOXICITY LEVEL												
<input type="checkbox"/> CARBON DIOXIDE												
<input type="checkbox"/> ALKALINITY - P												
<input type="checkbox"/> ALKALINITY - M												
<input type="checkbox"/> CHLOROPHYLL a												
<input type="checkbox"/> CHLOROPHYLL b												
<input type="checkbox"/> CHLOROPHYLL c												
<input type="checkbox"/> SILICA												
<b>Watershed &amp; Stormwater Inputs</b>												
<input checked="" type="checkbox"/> CONDUCTIVITY	263											
<input type="checkbox"/> SODIUM CHLORIDE												
<input type="checkbox"/> TOTAL SUSPENDED SOLIDS - TSS												
<input type="checkbox"/> VOLATILE SS - organic												
<input type="checkbox"/> NONVOLATILE SS - minerals												
<input type="checkbox"/> TURBIDITY - NTU												
<input type="checkbox"/> SETTLEABLE -Imhoff cones												
<b>Public Safety</b>												
<input type="checkbox"/> FECAL COLIFORM												
<input type="checkbox"/> E. COLI												
<input type="checkbox"/> HYDROGEN SULFIDE - odor												
<input type="checkbox"/> SULFATE -												
<input type="checkbox"/> SULFIDE												
<b>As Irrigation WQ</b>												
<input type="checkbox"/> CALCIUM												
<input type="checkbox"/> MAGNESIUM												
<input type="checkbox"/> POTASSIUM												
<input type="checkbox"/> SODIUM												
<input type="checkbox"/> SODIUM ABSORPTION RATIO												
<input type="checkbox"/> CHLORIDE												
<input checked="" type="checkbox"/> TOTAL DISSOLVED SOLIDS - TDS	179											
<input checked="" type="checkbox"/> LAKE LEVEL Gage	0											

F  
6.5-8.5  
20-200 mg/L  
inches

< .30 mg/L  
< .30 mg/L  
< 0.03 mg/L  
< 0.09 mg/L

< 7 ug/L

< 1500 umhos/cm  
%  
< 15 mg/L

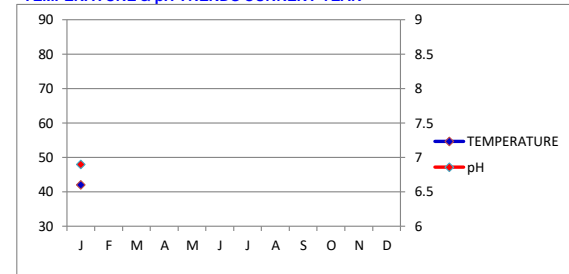
< 200 c / 100 ml  
< 126 c / 100 ml

< 1 mg/L

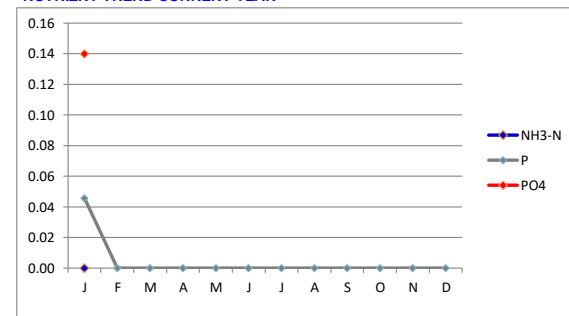
< 100 mg/L

Lake Superior

TEMPERATURE & pH TRENDS CURRENT YEAR



NUTRIENT TREND CURRENT YEAR



PLANT PRODUCTIVITY ZONE

secchi depth plus negative gage

