

Leisure Ponds is building a database for your Water Feature

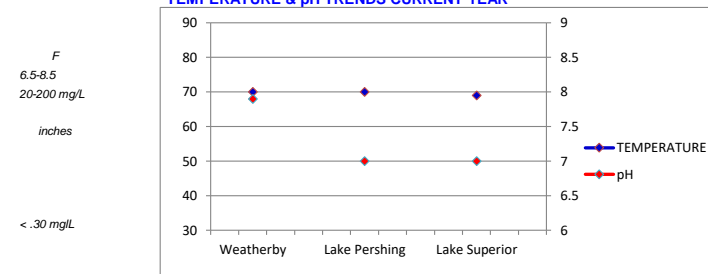
Water Feature - MONTHLY WATER QUALITY DATA 2021

Park Charles

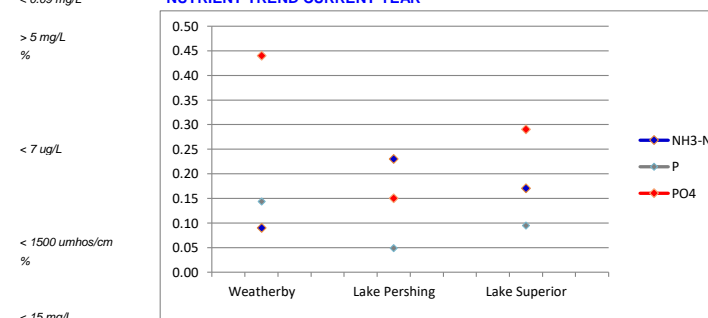
September 2021

	Lake 1 Weatherby	Lake 2 Lake Pershing	Lake 3 Lake Superior
<b>Basic Limnology Tests</b>			
<input checked="" type="checkbox"/> DATE	#####	10/13/2021	10/13/2021
<input checked="" type="checkbox"/> TIME	11:30	11:00	10:30
<input checked="" type="checkbox"/> TEMPERATURE	70	70	69
<input checked="" type="checkbox"/> pH	7.9	7.0	7.0
<input checked="" type="checkbox"/> ALKALINITY	100	100	80
<input checked="" type="checkbox"/> HARDNESS	100	100	80
<input checked="" type="checkbox"/> SECCHI DEPTH	18	20	
<input checked="" type="checkbox"/> TOTAL CHLORINE			
<input checked="" type="checkbox"/> FREE CHLORINE			
<b>Lake Nutrients</b>			
<input type="checkbox"/> NITROGEN Kjeldahl TKN			
<input checked="" type="checkbox"/> AMMONIA NITROGEN NH3-N	0.09	0.23	0.17
<input checked="" type="checkbox"/> UN-IONIZED AMMONIA NH3	0.11	0.28	0.21
<input checked="" type="checkbox"/> IONIZED AMMONIA NH4	0.12	0.30	0.22
<input checked="" type="checkbox"/> NITRATE NO3			
<input checked="" type="checkbox"/> NITRITE NO2			
<input checked="" type="checkbox"/> TOTAL PHOSPHOROUS P	0.14	0.05	0.09
<input checked="" type="checkbox"/> ORTHO-PHOSPHATES PO4	0.44	0.15	0.29
<b>Aquatic Activity &amp; Fish Health</b>			
<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	363	325	234
<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	254	227	163
<input checked="" type="checkbox"/> LAKE LEVEL Gage	0	-2	-1

TEMPERATURE & pH TRENDS CURRENT YEAR



NUTRIENT TREND CURRENT YEAR



PLANT PRODUCTIVITY ZONE secchi depth plus negative gage

