

Leisure Ponds is building a database for your Water Feature

Water Feature - WATER QUALITY DATA 2022

Park Charles

Weatherby Lake 1

Lake Weatherby

2017

Basic Limnology Tests

	J	F	M	A	M	J	J	A	S	O	N	D
<input checked="" type="checkbox"/> DATE	1/18/2022											
<input checked="" type="checkbox"/> TIME	11:00											
<input checked="" type="checkbox"/> TEMPERATURE	41											
<input checked="" type="checkbox"/> pH	7											
<input checked="" type="checkbox"/> ALKALINITY	120											
<input checked="" type="checkbox"/> HARDNESS	120											
<input checked="" type="checkbox"/> SECCHI DEPTH	28											
<input checked="" type="checkbox"/> TOTAL CHLORINE	0.00											
<input checked="" type="checkbox"/> FREE CHLORINE	0.00											

Lake Nutrients

<input type="checkbox"/> NITROGEN Kjeldahl	TKN											
<input checked="" type="checkbox"/> AMMONIA NITROGEN	NH3-N	0.00										
<input checked="" type="checkbox"/> UN-IONIZED AMMONIA	NH3	0.00										
<input checked="" type="checkbox"/> IONIZED AMMONIA	NH4	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										
<input checked="" type="checkbox"/> ORTHO-PHOSPHATES	PO4	0.15										

Aquatic Activity & Fish Health

	J	F	M	A	M	J	J	A	S	O	N	D
<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												

Watershed & Stormwater Inputs

	J	F	M	A	M	J	J	A	S	O	N	D
<input checked="" type="checkbox"/> CONDUCTIVITY	421											
<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												

Public Safety

<input type="checkbox"/> FECAL COLIFORM												
<input type="checkbox"/> E. COLI												
<input type="checkbox"/> HYDROGEN SULFIDE - odor												
<input type="checkbox"/> SULFATE -												
<input type="checkbox"/> SULFIDE												

As Irrigation WQ

	J	F	M	A	M	J	J	A	S	O	N	D
<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	292											
<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

> 5 mg/L

%

< 7 ug/L

< 1500 umhos/cm

%

< 15 mg/L

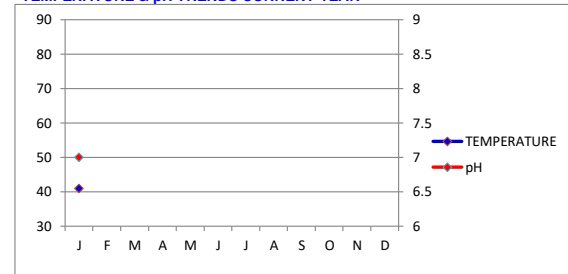
< 200 c / 100 ml

< 126 c / 100 ml

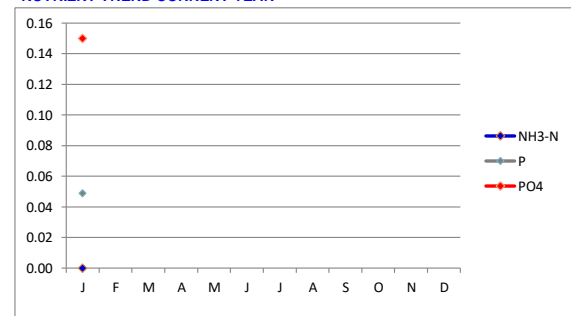
< 1 mg/L

< 100 mg/L

TEMPERATURE & pH TRENDS CURRENT YEAR



NUTRIENT TREND CURRENT YEAR



PLANT PRODUCTIVITY ZONE

secchi depth plus negative gage

