

Leisure Ponds is building a database for your Water Feature

Water Feature - WATER QUALITY DATA 2021

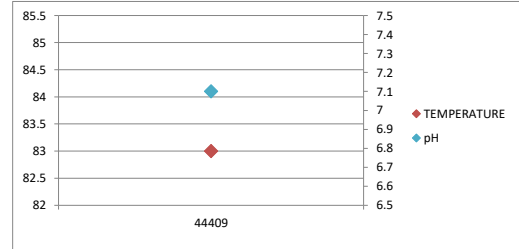
Lake Pershing - PC

2010

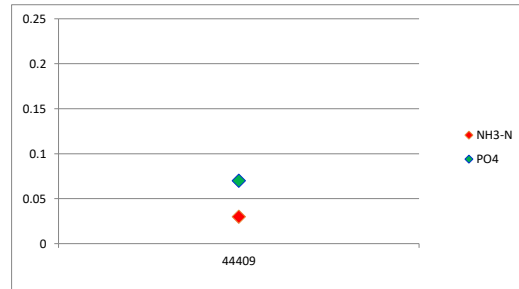
	Prior Month	Fish Kill
Basic Limnology Tests		
<input checked="" type="checkbox"/> DATE	7/14/2021	8/3/2021 (Post 2 days)
<input checked="" type="checkbox"/> TIME	11:15	1:00
<input checked="" type="checkbox"/> TEMPERATURE	85	83
<input checked="" type="checkbox"/> pH	7.4	7.1
<input checked="" type="checkbox"/> ALKALINITY	80	80
<input checked="" type="checkbox"/> HARDNESS	80	80
<input checked="" type="checkbox"/> SECCHI DEPTH	37	28
<input checked="" type="checkbox"/> TOTAL CHLORINE	0.00	0.00
<input checked="" type="checkbox"/> FREE CHLORINE	0.00	0.00
Lake Nutrients		
<input type="checkbox"/> NITROGEN Kjeldahl TKN		
<input checked="" type="checkbox"/> AMMONIA NITROGEN NH3-N	0.20	0.03
<input checked="" type="checkbox"/> UN-IONIZED AMMONIA NH3	0.24	0.04
<input checked="" type="checkbox"/> IONIZED AMMONIA NH4	0.26	0.04
<input checked="" type="checkbox"/> NITRATE NO3	0.00	0.00
<input checked="" type="checkbox"/> NITRITE NO2	0.00	0.00
<input checked="" type="checkbox"/> TOTAL PHOSPHOROUS P	0.04	0.02
<input checked="" type="checkbox"/> ORTHO-PHOSPHATES PO4	0.11	0.07
Aquatic Activity & Fish Health		
<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		
<input checked="" type="checkbox"/> CONDUCTIVITY	314	296
<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		
<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	219	208
<input checked="" type="checkbox"/> LAKE LEVEL Gage	0	-1

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

Fish Kill
TEMPERATURE & pH TRENDS CURRENT YEAR



NUTRIENT TREND CURRENT YEAR



PLANT PRODUCTIVITY ZONE secchi depth plus negative gage

