

Hurricane Aquatics, LLC

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I5746 E-1

Lake Maintenance Service Report

ACCOUNT: Viewpoint Lake, Sun City Recreation
10626 West Thunderbird Blvd, Sun City, AZ 85351
TO: Eddy Renio / Terry Klatt
FROM: Janet Scheffman / 950158
DATE: Week of 08 December 2025
FAX #: (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and no rainfall over the past week and no change in the water levels.

All four of the fountains are operational; 103rd Av, Bayside, Cameo and the Rec Center and all fountains running this week.

Waterfall pump was operational and there is water movement in the lagoon and down the streams into the main lake.

No bottom algae seen and limited planktonic algae growth in the water column so overall conditions are excellent.

With the cooler weather and shorter days, the algae growth slows and there is an overall increase in clarity and decrease in turbidity in the cooler months.

The 4 street grates adjacent to the lake were treated with larvicide once a month.

Normal trash removal and debris was skimmed off the surface and just the usual trash.

There was no wind action again this week this week so no appreciable changes in oxygen levels and no recent rainfall.

Average surface temp: 60.1 F

Average bottom temp: 59.8 F

Salinity: 0.2 ppt

Dissolved oxygen: 6.67 mg/L (surface) / 6.30 (bottom)

Secchi: 5 feet 11 inches

pH: 8.2

Current water levels: +3.50

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In the fall and the spring, we get lake turnover which occurs when the surface and bottom temperatures are close to the same and the lake get mixed from the top to bottom. The water temperatures are dropping with the cool down and the rainfall.

The decrease in the water temperatures are slowing with no more rainfall and still warm afternoon temperatures.

I have contacted Pat Church with the current water temperatures in reference to the trout stocking. Because of the continued loss of 2-10 fish per week as I precaution I took a golden algae sample to lab testing before adding more fish. As of end of business on Friday I have not head back from the lab and I will follow up on Monday.

The fish are not showing any indications of golden algae but it is prudent to at least check a water sample. I am monitoring and keeping track of the species and numbers lost.

The three water samples testing for E Coli, fecal coliform, were also taken this week and it normally takes 2-3 weeks to get the results. This is not a time sensitive test and the results have nothing to do with adding more fish to the lake. This test is done in the winter because that is when the highest waterfowl populations live in and around the lake.

Periodic treatments are done twice a month with algaecide on the boat ramp have been suspended in the cooler weather.

No waterfowl mortality seen. There was a total of six dead fish, three bass and three white amur.

Warning: None

Pesticides can be hazardous. Please keep children and pets away until applications are dry, dissipated, or aerated. For additional information contract Hurricane Aquatics (license # 5746) at (602) 619-8492.