

# 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:** Barry Masloff  
**FROM:** Janet Scheffman / 950158  
**DATE:** Week of 18 March 2024  
**FAX #:** (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and up slightly from last week.

There were no floats currently on the Rec Center fountain, just the water line. The other fountains have floats and 2/3 are running (Cameo and 103<sup>rd</sup> street). Bayside is not currently operational.

Average surface temp: 65.6 F

Average bottom temp: 65.1 F

Salinity: 0.2 ppt

Dissolved oxygen: 7.10 mg/L (surface) / 6.72 mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

Current water levels: -1.5

March is usually the month when the temperatures show rapid increases with the longer, hotter days. Much of the month was slightly cooler than normal for March but temperatures were in the 80s by later in the week.

The lake still has clarity to the bottom but more of a green tint with an increase in planktonic algae in the water column.

The filamentous algae growth first seen earlier in the month was treated last week with 5 gallons of captain algaecide. This week the amount of filamentous algae is reduced about 90% from last week and the small amount seen was skimmed off the surface.

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No fish mortality seen, or waterfowl losses seen. The trout did well this winter and that is another indication that the lake chemistry is safe for fish populations.

The waterfall pump was turned back as of last week and was running today. The volume of water over the falls then over the streams into the main lake seem lower (less volume and slower flow rate) than before the lake was drained.

Some of the usual winter waterfowl such as Canadian geese moved in when the lake was refilled. The population numbers of seasonal waterfowl remain low (around 45 - 50) and that is lower than most larger lakes. The some of the coots and geese will leave and migrate out but some will remain as permanent residents.

I still have not seen any midge flies yet around the main lake but there were some midges seen around the lagoon area. The population is low and no chemical treatments needed at this time.

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