

# 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 11 March 2024  
**FAX #:** (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and down 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 were running this week. Bayside is not currently operational. The 103<sup>rd</sup> fountain I assume is on a timer since it came on around 1000 hrs in the morning.

Average surface temp: 64.1 F

Average bottom temp: 63.7 F

Salinity: 0.2 ppt

Dissolved oxygen: 7.27 mg/L (surface) / 6.80mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

Current water levels: -2.0 (the lake was checked prior to rainfall on Friday)

March is usually the month when the temperatures show rapid increases with the longer, hotter days. Last week and this week were slightly cooler and had some rainfall later in the week, but the water temperatures are increasing.

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 last week was treated this week with 5 gallons of captain algaecide. It was sunny when I treated the wind had pushed the algae into one area of the lake so I could effectively spot treat that one area. The algaecide I used (captain) is labeled as safe for fish, birds and irrigation.

## **Viewpoint Lake service report**

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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 on Wednesday morning so there will be water movement down the lagoon and stream back into the main lake.

Some of the usual winter waterfowl such as Canadian geese have moved over the past weeks as the lake has filled back on. The population numbers of seasonal waterfowl remain low (around 45 - 50) and that is lower than most larger lakes.

I still have not seen any midge flies yet, either larval stages or adult flies in Viewpoint yet despite seeing midges hatching out in other lakes in the area.

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