

# Hurricane Aquatics, LLC

1701 East Yukon Drive / Phoenix, AZ 85024

Phoenix, AZ 85024

HurricaneAquatic@aol.com

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 08 January 2024

**FAX #:** (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023). The rain last weekend and this Thursday did not affect the levels.

With the coolest months of the year here the rate of evaporation is much lower than the warmer months.

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> Steet are running) and Bayside was not.

Average surface temp: 56.0 F

Average bottom temp: 55.6 F

Salinity: 0.2 ppt

Dissolved oxygen: 8.33 (surface) / 7.97 mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

Current water levels: approximately +5.00 (it was windy again this week when I was onsite so not an exact reading)

The lake still has clarity to the bottom and there is some bottom algae growth on the lake bottom but are no floating mats and no increase over the past month.

The lake remains well mixed vertically with similar water chemistry readings from surface to bottom and higher oxygen levels when it is windy.

There is a slight green tint to the water from planktonic algae growth, but overall algae biomass remains very low.

No fish mortality seen. One dead coot was removed.

## **Viewpoint Lake service report**

### **Page 2/2**

The waterfall pump was off again this week and there is trimming and other structural work going on and around the lagoon.

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 are still low (around 45 - 50) and that is lower than most larger lakes.