

# 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:** Brian Duthu / Terry Klatt  
**FROM:** Janet Scheffman / 950158  
**DATE:** Week of 24 February 2025  
**FAX #:** (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and levels were close to the same as last week.

All four of the fountains are operational as of April; 103<sup>rd</sup> Av, Bayside, and the Rec Center. Cameo Bridge now has a new fountain to replace the much older model

Waterfall pump was not running again this week; the water in the lagoon is more stagnant even with the influx of fill water. There were some midge flies seen in the lagoon but not the main lake so I started a larvicide treatment in the lagoon to combat the midge flies.

The larvicide will combat the larval stages of midge flies; the adults will lay eggs but the larvicide will kill most of the larvae before they can hatch out.

Average surface temp: 57.9 F

Average bottom temp: 57.4 F

Salinity: 0.2 ppt

Dissolved oxygen: 6.79 mg/L (surface) / 6.00 (bottom)

Secchi: 5 feet 3 inches

pH: 8.2

Current water levels: +2.5

With the warmer day time temperatures, the lake is getting warmer earlier in the year than usual and the usual spring quick uptick in temperatures has started in February. As the lake temperatures increase the oxygen levels decrease. The lake temperatures will be in 70s by early April.

The clarity is the same this week and most of the lake bottom in the middle of the lake is not visible but clarity over 5 feet is good.

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There were no bottom algae seen on the surface or the bottom of the lake and very little planktonic algae in the water column and no aquatic weeds.

I am not seeing any filamentous algae growth in or around the perimeter areas of the lake but algae growth always increases in the warmer months of the year.

Periodic treatments (usually 1-2 times a month) with algaecide are done in the warmer months on the boat ramp are done as a safety precaution because the algae make the ramp slippery. With the spring warm up I will treat again as needed.

No waterfowl mortality seen and no fish mortality seen.

The fecal coliform water samples were taken in January and the lab results are included with this report. Three samples were taken; by the boat ramp, near 103<sup>rd</sup> Av, and near Cameo Drive. The results were the same for all three samples and were very low at less than 1 MPN / 100 ml. The lake has fewer waterfowl than most other lakes and the lake has only been refilled for 14 months so the low levels of fecal coliform in the water column.

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.