

# Hurricane Aquatics, LLC

1727 East Monona Drive / Phoenix, AZ 85024

Phone: (602) 619-8492

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 30 March 2026  
**FAX #:** (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023). Only a very slight amount of rainfall over the week and no effect on water levels.

All four of the fountains are operational; 103<sup>rd</sup> 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 still only a slight growth of planktonic algae growth in the water column.

In the spring and fall there is a "lake turnover" when the surface and bottom water layers mix but that the turnover is largely over. There is a 0.3-0.5 difference in water temperatures from the top and bottom layers and that is the normal range.

The 4 street grates adjacent to the lake are treated with dry larvicide dunks once a month year-round. I started the treatment for midges in the lagoon area on a regular basis starting this month with larvicide. As a prophylactic measure I will do vectobac larvicide treatments in the lagoon in all the warmer months. There are resident complaints about midges but only a very few were seen in the main body of the lake when I was onsite in the mid-morning hours.

The lake itself is already well stocked with goldfish to consume larvae in the main lake and the addition of more goldfish and blue gill in the lake and lagoon has increased the control of midge flies. Goldfish and blue gill are proven to be effective consumers of midge fly larvae.

In April of 2024 after the lake was refilled a total of 85,000 goldfish were stocked. In February of this year 2000 blue gill and additional 1000 goldfish were stocked; with 100 goldfish and 100 blue gill going into the lagoon. The fish stocked have done well and there has no been mortality in the lake or lagoon.

## Viewpoint Lake service report

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There are appreciably few midge flies in the area of Viewpoint Lake than other lakes in the valley. The grates and lagoon are treated and the lagoon is the most likely point for the midges to hatch from. The lagoon is shallow with dozens of small areas around the rocks that are stagnant and ideal for midges. Midges don't like to breed in the main lake body; they don't like large bodies of water with lots of wind action plus the thousands of fish stocked in the lake. Midges would prefer to lay eggs in the shallow calmer waters of the lagoon.

The entire lake can be treated with vectobac larvicide (safe for fish and birds) but it is expensive (\$800 per application x 3 applications) for a full treatment and that will still not completely kill off the midges.

I completed the third of three larvicide applications in the lagoon area so I can treat the algae growth in the lagoon this week. Weeks 1-3 in the month I will treat the midge flies in the lagoon and week 4 I will treat the algae growth with algaecide.

Spot treated with two gallons of captain algaecide the areas of filamentous algae along the wall and the rocks in the lagoon.

Average surface temp: 75.5 F

Average bottom temp: 75.1 F

Salinity: 0.2 ppt

Dissolved oxygen: 5.82 mg/L (surface) / 5.69 (bottom)

Secchi: 5 feet 03 inches

pH: 8.2

Current water levels: +4.0

The water levels are up from last week and back in the normal, full range.

No waterfowl mortality seen but fewer coots seen but still some Canadian geese. No fish mortality.

Periodic treatments are normally done twice a month in the warmer months with algaecide on the boat ramp but with the water levels so low no treatments had been needed yet. The water levels are closer to the normal full levels so I will start the algaecide treatments in April.

Warning:   X  

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