

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: Eddy Renio / Terry Klatt
FROM: Janet Scheffman / 950158
DATE: Week of 28 July 2025
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The water levels remain at normal full levels after the lake was refilled in November (2023). Still no rainfall.

103rd Av, Cameo and the Rec Center and Bayside fountains are running this week. The waterfall pump is running so there is water movement over the streams.

I am seeing only a very few midges underneath some boat docks hiding in the shade again this week. I am onsite in the heat of the day when the midges are less active.

The lake is well stocked with goldfish and we can look at adding some goldfish to the lagoon in the fall. I added some vectobac larvicide to the lagoon again this week but with the waterfall running it has limited contact time so less effective but worth making an attempt.

The 4 street grates adjacent to the lake are treated with dry vectobac larvicide every month.

Normal trash removal and debris was skimmed off the surface and most debris was in the north cove side of the lake again this week.

There was an increase in planktonic algae in the water column causing a decrease in clarity and a marked increase in floating bottom algae. The bottom algae floats to the surface in the daytime hours and forms mats from the wind pushing the algae into coves or the boat ramp. Most of the bottom algae had accumulated into the coves and near the boat ramp.

The increase in algae is normal; we have had weeks of excessive heat, no real rainfall or monsoons and 14 plus hours of daylight every day.

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Average surface temp: 86.0F
Average bottom temp: 85.6 F
Salinity: 0.2 ppt
Dissolved oxygen: 5.00 mg/L (surface) / 4.39 (bottom)
Secchi: 4 feet 10 inches
pH: 8.2
Current water levels: +3.00

There was a slight increase in water temperatures and the maximum temperatures for the summer are usually 83-87 F.

Chemical algaecides are only marginally effective on bottom algae so the lake will be treated next week with lake dye. Dye is not a chemical algaecide and is safe for fish (and birds) and it will help to reduce both the bottom algae and planktonic algae growth.

No appreciable issues with filamentous algae in the main body of the lake but a slight growth of filamentous along the north cove of the lake that remains in check.

Periodic treatments are now done twice a month with algaecide on the boat ramp during the summer months.

No waterfowl losses seen. One dead goldfish

Warning: X

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.