

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 23 June 2025
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The water levels remain at normal full levels after the lake was refilled in November (2023) and no recent rainfall or monsoons.

103rd Av, Bayside, Cameo and the Rec Center fountains all running this week.

There are reports of midges in the houses north of the lagoon area with reports the midges are worse in the evening hours. I am onsite in the heat of the day and the only midges I see are small amounts hiding under boat docks in the shade. My suggestion is to check all the yards in that area to look for standing water like dog bowls or irrigation leaks or bird bath to rule standing water out. The other possible site of midges or mosquitoes could be the lagoon area. When the waterfall is running there is water movement in the lagoon but there are multiple areas in the lagoon (in the rocks for example) where the water is stagnant and ideal breeding grounds. A liquid algacide would wash out from the lagoon into the lake but small dry mosquito dunks could be places in the areas where it is more stagnant.

I also recommend having a pest company put up traps to ID the flying insects since midge flies and mosquitoes are not the only possible insects' residents are seeing.

The 4 street grates adjacent to the lake were treated with dry larvicide twice in the past 4 weeks and the larvicide lasts 30 days.

Normal trash removal and debris was skimmed off the surface.

There was less trash and debris along the cameo cove this week after the nearby road construction was completed.

No appreciable changes in the coloration or clarity in the summer so far but an increase in bottom algae floating to the surface. The floating algae was pushed by the wind into the cameo cove but not an excessive bloom of algae seen yet.

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Average surface temp: 83.1 F
Average bottom temp: 82.5 F
Salinity: 0.2 ppt
Dissolved oxygen: 5.01 mg/L (surface) / 4.69 (bottom)
Secchi: 5 feet 0 inches
pH: 8.2
Current water levels: +1.00 (estimated)*

*The water levels ruler had some algae and some calcium buildup so hard to read so I will bring a wire brush next week to clean it off.

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 has not increased over the month.

There is the usual summer planktonic algae growth which is giving the lake a green tint but still no algae blooms.

If the algae in the water column increases appreciably or we get more bottom algae growth the lake can be treated with lake dye. Lake dye is only coloration; it is not a chemical algaecide so it safe for fish and birds.

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

No waterfowl or fish losses seen.

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.