

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: Brian Duthu / Terry Klatt
FROM: Janet Scheffman / 950158
DATE: Week of 14 April 2025
FAX #: (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023).

All four of the fountains are operational as of April; 103rd Av, Bayside, and the Rec Center and all fountains running this week.

Waterfall pump was operational again this week and there is water movement in the lagoon and down the streams into the main lake.

I completed the third of three weekly larvicide applications in the lagoon to treat for midge flies in March and no midges have been seen in the main lake area. There was a report of midge flies from a resident (Karen) that lives directly north of the lagoon area. I am not seeing any midge fly larvae in the lake and I am not seeing many midge flies when I am onsite (but I am onsite in the heat of the day). Any midges are likely coming from the lagoon area even after treatment. The lagoon has several areas where there is little to no water movement even with the pump running. Midges and mosquitoes prefer to lay eggs in small, shallow, stagnant areas of water and not large bodies of water with movement from circulation and wind action.

Average surface temp: 71.5 F

Average bottom temp: 71.1 F

Salinity: 0.2 ppt

Dissolved oxygen: 6.00 mg/L (surface) / 5.90 (bottom)

Secchi: 5 feet 3 inches

pH: 8.2

Current water levels: +2.0

No appreciable rainfall or wind the past week.

No change in the visibility (clarity) but there is still some turbidity from the windy weather blowing in fine dirt and debris in March and early April.

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There was a very slight amount bottom algae seen on the surface near the boat ramp again this week but just enough to skim off the top.

I am not seeing any appreciable filamentous algae growth in or around the perimeter areas of the lake and no chemical treatments needed.

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 makes the ramp slippery. With the spring warm up and temperatures in the 90s I am treating every other week.

No waterfowl mortality seen. One dead trout and one dead amur.

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.