

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 / Mary Doyle
FROM: Janet Scheffman / 950158
DATE: Week of 12 August 2024
FAX #: (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and levels are up from last week.

All four of the fountains are operational as of April; 103rd Av, Bayside, Cameo Bridge and the Rec Center. Cameo Bridge fountain is running but the nozzle is partially clogged.

Average surface temp: 87.7 F
Average bottom temp: 87.1 F
Salinity: 0.2 ppt
Dissolved oxygen: 5.20 mg/L (surface) / 5.09 (bottom)
Secchi: 5 feet 06 inches
pH: 8.2
Current water levels: +4.0

With the extreme summer heat for the past few weeks the water temperatures are high but are largely stable and about at the upper limit. There was some wind this week so the lake is well mixed and dissolved oxygen levels are stable.

There was wind but little to no rainfall again this week so still no monsoons to help cool down the temperatures or add some rainwater to the lake.

The average lake clarity remains high, especially for the warmer months. There is some planktonic algae in the water column but no algae blooms. There was less floating bottom algae seen this week.

The dye application next week will improve the coloration and help to reduce planktonic algae in the water column and reduce floating bottom algae.

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There was the usual trash, debris and palm husks in the lake, mostly along the north side of the lake (cameo drive) and some in the bayside cove.

The mats of filamentous algae that were treated earlier in the summer have died back and not returned

The waterfall is running normally as is the fountain and aeration in the lagoon area.

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.

No waterfowl mortality or fish losses seen. The goldfish and amur survived and are doing well and I have seen juvenile bass so the bass are reproducing.

I will keep everyone updated on the estimated date of the next fish delivery when the date is closer.

Warning: None

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.