

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 19 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: 87.5 F
Average bottom temp: 87.1 F
Salinity: 0.2 ppt
Dissolved oxygen: 5.27 mg/L (surface) / 5.11 (bottom)
Secchi: 5 feet 04 inches
pH: 8.2
Current water levels: +5.0

There was some monsoon rainfall over the past week and the lake was well mixed top to bottom and the water levels were higher.

There was a slight increase in turbidity and an increase in planktonic algae in the water column as well. With the increase in algae and turbidity I did the dye application this week and treated with 45 gallons of lake colorant.

There was some bottom algae floating up in the Bayside cove but it will decrease after the dye spreads out.

The average lake clarity remains high, especially for the warmer months even with the slight turbidity and increase in algae biomass.

Viewpoint Lake service report

Page 2/2

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.

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.