

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 29 July 2024
FAX #: (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and a slight increase 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: 87.3 F
Average bottom temp: 86.9 F
Salinity: 0.2 ppt
Dissolved oxygen: 5.17 mg/L (surface) / 5.03 (bottom)
Secchi: 5 feet 06 inches
pH: 8.2
Current water levels: +3.5

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 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 but with a slight decrease this week with an minor increase in planktonic algae in the water column. All the algae in the water column is uniform and no surface blooms seen.

There is some loss of the coloration from the dye application last month but that is normal as the sun breaks down the dye. When I treat again later in the month that will help reduce bottom algae and reduce planktonic algae in the water column.

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One small accumulation of bottom algae this week and again in the Bayside cove but much less after the dye.

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

The mats of filamentous algae that were treated earlier last month has 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 in the warmer months on the ramp are done as a safety precaution.

No waterfowl mortality or fish losses seen.

I am seeing both adult and juvenile bass in the lake that survived in the lagoon and the white amur and goldfish stocked in the lake are doing well with no losses.

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.