

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 23 September 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 slightly 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: 5.55 mg/L (surface) / 5.25 (bottom)
Secchi: 5 feet 10 inches
pH: 8.2
Current water levels: +3.0

The water level ruler is partially covered with algae and I will bring a wire brush and clean it next week.

There was no monsoon activity over the past week but it remains in the triple digits, so water temperatures are still in the range seen in the summer months. Normally October is the month when the temperatures start to decline more appreciably.

The color and clarity remain good after the dye application last month; there was less planktonic algae in the water column and improved clarity after the last treatment

There were no bottom algae mats floating on the surface of the lake this week.

The average lake clarity remains high, especially for the warmer months and the dye coloration should last into early October.

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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

There was some landscaping work being done around the stream area this week so I stayed out of the 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. The ramp treatments will continue for a couple more months until we get some fall cooling.

No fish or waterfowl mortality seen and I did not see the turtle from last week that was struggling.

It is still very hot but the days are shorter and it is the start of the fall migration of the migratory birds; usually Canadian geese and coots

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.