

# 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  
**FROM:** Janet Scheffman / 950158  
**DATE:** Week of 22 April 2024  
**FAX #:** (623) 876-8341

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

All four of the fountains are now installed and operational as of April; 103<sup>rd</sup> Av, Bayside, Cameo Bridge and the Rec Center.

Average surface temp: 73.0 F  
Average bottom temp: 72.3 F  
Salinity: 0.2 ppt  
Dissolved oxygen: 6.78 mg/L (surface) / 6.11 mg/ L (bottom)  
Secchi: 6 feet 0 inches  
pH: 8.2  
Current water levels: +1.0

The average lake clarity is still high, at or over 6 feet of visibility. There is a slight green tint from algae in the water column but the growth is uniform and no algae blooms.

Some new growth of filamentous algae seen this week but no floating bottom algae seen. There were mostly just small individual tufts of filamentous algae, and it was not well consolidated so no chemical treatments were done.

What looked like an algae bloom along the north side of the lake was a large mat of pods from trees and pollen. This area was skimmed, and debris removed.

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100s of goldfish seen swimming in the shallow area around the boat ramp again this week.

I removed one dead bird from the north end of the lake; it was decomposed but it was a terrestrial bird.

The waterfall pump was turned back in March but was not running today. The falls were shut down Wednesday for some work on the area adjacent to the waterfall. It is scheduled to be back on Thursday.

The fountain and the aeration in the lagoon are running normally.

Some of the usual winter waterfowl such as Canadian geese moved in when the lake was refilled. The population numbers of seasonal waterfowl remain low (around 45 - 50) and that is lower than most larger lakes. Some of the coots seem to have migrated out; most coots leave in the spring but some stay.

There were some midge flies seen around the lagoon area earlier in the month, but no midges were seen in that area the past couple weeks.