

# 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 24 June 2024  
**FAX #:** (623) 876-8341

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

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

Average surface temp: 85.0 F  
Average bottom temp: 84.6 F  
Salinity: 0.2 ppt  
Dissolved oxygen: 5.40 mg/L (surface) / 5.17 (bottom)  
Secchi: 5 feet 08 inches  
pH: 8.2  
Current water levels: +2.5

With the extreme summer heat for the past few weeks the water temperatures will stay more stable over the next few months. Water temperatures rarely exceed 88 F so temperatures are close to the usual upper summer limit.

There was wind this week (but no monsoon rains), so the lake is mixed from top to bottom better this week but there was more trash and debris and some palm husks.

The average lake clarity remains high, especially for the warmer months. There is some planktonic algae in the water column which give the lake a slight green tint but the coloration is appreciably improved after the dye applications two weeks ago. The color fades over time but the overall the lake still looks great with a blue-black tint and less of the green from planktonic algae growth.

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The past month there has been bottom algae growth that is floating to the surface in the daylight hours. The dye reduced the floating bottom algae by over 50% after the initial treatment and this week there was another reduction of 70 plus % from last week.

The mats of filamentous algae that were treated earlier last month has died back.

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 seen.

I am seeing both adult and juvenile bass in the lake that survived in the lagoon and the 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.