## Hurricane Aquatics, LLC

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## **Lake Maintenance Service Report**

**ACCOUNT:** Viewpoint Lake, Sun City Recreation

10626 West Thunderbird Blvd, Sun City, AZ 85351

TO: Brian Duthu / Terry Klatt FROM: Janet Scheffman / 950158 DATE: Week of 30 December 2024

FAX #: (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023) and levels were the same as last week

All four of the fountains are operational as of April;  $103^{rd}$  Av, Bayside, and the Rec Center. Cameo Bridge now has a new fountain to replace the much older model

Waterfall pump running normally.

Average surface temp: 52.2 F Average bottom temp: 51.8 F

Salinity: 0.2 ppt

Dissolved oxygen: 7.85 mg/L (surface) / 7.01 (bottom)

Secchi: 6 feet 2 inches

pH: 8.2

Current water levels: +2.5

Water temperatures are falling but there is more a gradual drop in temperatures and no appreciable wind or breeze again this week. There was been no real cold snaps so far this winter and still above average afternoon temperatures.

The color and clarity are still good after the last dye application but the dye is faded out. Even with the loss of the dye the water is very clear. Most of the lake bottom is visible and algae biomass remains low.

There were no bottom algae seen on the surface or the bottom of the lake and very little planktonic algae in the water column.

No aquatic weeds seen.

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There was some trash and debris but overall a small amount because of no recent windy weather or rainfall.

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 because the algae make the ramp slippery. With the cooler weather I have discontinued the treatments.

No fish or waterfowl mortality seen.

The fish from the November stocking have acclimated well to the lake.

The trout are scheduled to be stocked this month and will pass on additional information as I get it.

Warning: None

Pesticides can be hazardous. Please keep children and pets away until applications are dry, dissipated, or aerated. For additional information contract Hurricane Aquatics (license # 5746) at (602) 619-8492.