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Lake Maintenance Service Report

ACCOUNT: Viewpoint Lake, Sun City Recreation
10626 West Thunderbird Blvd, Sun City, AZ 85351

TO: Barry Masloff

FROM: Janet Scheffman / 950158

DATE: Week of 01 January 2024

FAX #: (623) 876-8341

The water levels remain at normal full levels after the lake was refilled in November (2023).

With the coolest months of the year here the rate of evaporation is much lower than the warmer months.

There were no floats currently on the Rec Center fountain, just the water line. The other fountains have floats and 2/3 are running (Cameo and 103rd Steet are running) and Bayside was not.

Average surface temp: 56.3 F

Average bottom temp: 55.9 F

Salinity: 0.2 ppt

Dissolved oxygen: 8.25 (surface) / 7.99 mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

Current water levels: approximately +5.75 (it was windy when I was onsite so couldn't get exact reading)

The lake still has clarity to the bottom and while there is some bottom algae growth on the lake bottom there are no floating mats.

The lake remains well mixed vertically with similar water chemistry readings from surface to bottom and higher oxygen levels when it is windy.

There is a slight green tint to the water from planktonic algae growth, but overall algae biomass remains very low.

No fish mortality and no waterfowl mortality seen. There were two dead birds by the boat ramp, but they were terrestrial birds.

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The waterfall pump was off again this week and there is trimming and other work going on and around the lagoon.

Some of the usual winter waterfowl such as Canadian geese have moved over the past weeks as the lake has filled back on.

The population numbers of seasonal waterfowl are still low (around 45 - 50) and that is lower than most larger lakes.

Still only a handful of coots seen.