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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 18 December 2023

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The first fish stocking in the new lake was done the morning of December 14th; 1500 pounds of 1–2-pound trout. There was no immediate mortality and a week later only one dead trout was found. There were fishermen near the boat ramp catching some of the trout.

The water levels remain at normal full levels after the lake was refilled in November (2023), just slightly lower than last week.

With the coolest months of the year here the rate of evaporation is much lower than the warmer months. There is some rain in the forecast and there is space in the lake for runoff.

No change in the status of the floating fountains in the lake but the tech from Water Works by George was putting in their boat as I was leaving the lake. The Cameo Bridge fountain and the bayside fountains are older fountains and the floats, and the nozzles are old and worn. The 103rd street fountain is a much newer fountain. There were no floats currently on the Rec Center fountain, just the water line.

Average surface temp: 57.7 F

Average bottom temp: 57.5 F

Salinity: 0.2 ppt

Dissolved oxygen: 8.11 (surface) / 7.95 mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

Current water levels: +6.00

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.

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

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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 are still low (under 50) for a lake this size, but I expect more over the upcoming weeks.

Because the lake was not refilled during the early fall months, I have not seen the usual heavy influx of coots (only 2 coots seen this week). Coots tend to move into the valley during overseeding so many seemed to have settled elsewhere for now.