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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 11 December 2023

FAX #: (623) 876-8341

The first fish stocking in the new lake was done the morning of December 14th; 1500 pounds of 1–2-pound trout. I checked the lake and as off 1100 hours no fish mortality seen, and the fish were seen swimming near the boat ramp and at the north end of the lake as well.

The water levels remain at normal full levels after the lake was refilled in November (2023). The ruler used to measure the water levels (bolted to the metal mesh cover over the fill valve at the north end of the lake) is gone as is the metal mesh cover.

There is a new ruler / measuring device set up at the north end of the lake.

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

No change in the status of the floating fountains in the lake.

Average surface temp: 60.0 F

Average bottom temp: 59.7 F

Salinity: 0.1 ppt

Dissolved oxygen: 8.09 (surface) / 7.95 mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

Current water levels: +6.75

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

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

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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. Coots tend to move into the valley during overseeding so many seemed to have settled elsewhere for now and only a couple of coot seen this week.