

Hurricane Aquatics, LLC

1701 East Yukon Drive / Phoenix, AZ 85024

Phone: (602) 619-8492

I5746 E-1

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 12 February 2024

FAX #: (623) 876-8341

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

There was little evaporation last week with appreciably cooler temperatures, cloudy and rainy weather but temperatures are back to normal this week.

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: 57.0 F
Average bottom temp: 56.4 F
Salinity: 0.2 ppt
Dissolved oxygen: 7.62 mg/L (surface) / 6.92 mg/ L (bottom)
Secchi: clarity to the lake bottom / pH: 8.2
Current water levels: +5.0

The water temperatures dropped from the cool down and rainfall last week but are increasing again now. March is usually the month when the temperatures show rapid increases with the longer, hotter days.

The lake still has clarity to the bottom but there was turbidity in the water column which is normal after several days of rainfall. Rainwater brings in debris from the street and from the yards of the homes adjacent to the lake but it will gradually settle out.

The algae biomass remains low because of recent cooler weather and several days of rain and cloudy skies. With sunny and warmer weather the algae biomass will show the usual spring increase.

Viewpoint Lake service report

Page 2/2

No fish mortality seen, or waterfowl losses seen. The trout did well this winter and that is another indication that the lake chemistry is safe for fish populations.

Slightly more trash and debris than usual again this because of the rain runoff but the debris was skimmed off.

The waterfall pump was off again this week and there is trimming and other structural work going on and around the lagoon. Having the waterfall off and no water flowing into the lake from the lagoon does not affect the lake conditions because the lake is so large.

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 remain low (around 45 - 50) and that is lower than most larger lakes.