

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: Brian Duthu

FROM: Janet Scheffman / 950158

DATE: Week of 01 April 2024

FAX #: (623) 876-8341

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

3 out of 4 of the fountains are up and running; only Bayside is not currently operational. The rec center fountain was installed last week.

Average surface temp: 67.3 F
Average bottom temp: 66.8 F
Salinity: 0.2 ppt
Dissolved oxygen: 7.01 mg/L (surface) / 6.28 mg/ L (bottom)
Secchi: 5 feet 8 inches
pH: 8.2
Current water levels: +2.0

It was an unusually cool and rainy March, so water temperatures have remained lower than in previous years.

The lake clarity is slightly reduced from last month; some from turbidity after the last rainfall and some from planktonic algae in the water column but still overall good clarity.

No new growth of filamentous algae seen this week and no floating bottom algae seen. Some bottom algae growth seen in the more shallow areas but none is on the surface so no chemical treatments needed.

There was some foam / scum in the lake where the lagoon runs into the main lake. These areas were spot treated with de-foamer.

Viewpoint Lake service report

Page 2/2

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

The waterfall pump was turned back in March and was running today. The volume of water over the falls then over the streams into the main lake seem lower (less volume and slower flow rate) than before the lake was drained.

The fountain and the aeration in the lagoon are running normally.

Some of the usual winter waterfowl such as Canadian geese moved in when the lake was refilled. The population numbers of seasonal waterfowl remain low (around 45 - 50) and that is lower than most larger lakes. The some of the coots and geese will leave and migrate out but some will remain as permanent residents.

The few midge flies that were seen were in the area of the lagoon and not out in the main body of the lake.

The delivery of the goldfish and amur are scheduled for next week, I do not have the exact date or time yet. 1320 amur and 85,000 goldfish are going into the lake at the same time.