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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 04 December 2023

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The fill water for the lake was shut down in mid-July of 2022 and the lake dried out completely. Some of the water was drained out and the remaining water evaporated over time. The structure of the entire lake was completely rebuilt (the lake bottom and all the gunite lake walls).

In addition to the lake rebuild many of the terrestrial plants and some trees around the lake perimeter were removed. The lagoon was kept full during the dry up and lake reconstruction and many terrestrial plants around the lagoon were also culled back.

The lake is now completely refilled to normal water levels and some residents' boats are back in the lake.

The Cameo, Bayside and 103rd Av fountains are in the lake and marked with orange traffic cones but the fountains are not operative. There is no fountain currently where the rec center fountain was but the water line from the pump to the lake is intact and also marked with a cone.

The previous fish habitats made with plastic mesh have been removed and now there are multiple fish habitats in the lake that consist of large piles of pieces of broken lake wall debris and some tires. These are large piles that look like around 10-15 feet (length and width) and several feet high.

Waterfall pump was not running and there were workmen trimming plants around the lagoon area.

There are no fish currently in the lake and the first fish (trout) are scheduled for arrive next week. The water was tested for ammonia (below detection levels), temperature, oxygen, and pH and all parameters are in the safe range to add the fish. The other fish stocking (for sport fishing and biological control) will be added at a future date.

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Average surface temp: 60.2 F

Average bottom temp: 60.0 F

Salinity: 0.1 ppt

Dissolved oxygen: 8.01 (surface) / 7.93 mg/ L (bottom)

Secchi: clarity to the lake bottom / pH: 8.2

The lake has clarity to the bottom and there is some bottom algae growth on the bottom of the lake but none is floating to the surface.

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

Some of the usual winter waterfowl such as Canadian geese have moved in but the numbers are lower than normally seen in December. The numbers will increase over time now that the lake is full and we are in the cooler months of the year.