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Quarterly Report for Sun City Recreation Viewpoint Lake:

ACCOUNT: Viewpoint Lake, Sun City Recreation
10626 West Thunderbird Blvd, Sun City, AZ 85351
TO: Chris Herring / Barry Masloff / VLMB Board Members
FROM: Janet Scheffman / 950158
DATE: 25 July 2022

Onsite water testing readings for the months of May 2022 – July 2022:

May average readings

Surface temp: 78.1 F
Bottom temp: 77.4 F
Salinity: 0.2 ppt
Surface dissolved oxygen: 5.91 mg/l
Bottom dissolved oxygen: 4.93 mg/L
Secchi: 4'11"
pH: 8.2
water levels: 34.6

June average readings:

83.0 F
82.4 F
0.2
5.16 mg/L
4.31 mg/L
4'11"
8.3
34.5

July average readings: *

Surface temp: 86.5 F
Bottom temp: 86.0 F
Salinity: 0.2 ppt
Surface dissolved oxygen: 4.51 mg/l
Bottom dissolved oxygen: 3.88 mg/L
Secchi: 4' 11"
pH: 8.3
water levels: 34.4 at the start of the month then dropping during the dry up

*service was discontinued mid month when the lake was fenced off for the summer dry up and repair project.

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Fountains:

In July the fountains were shut off and were being removed from the lake as the lake levels drop.

The waterfall pump was still operational and normal water flow in the lagoon and over the stream areas. The lagoon will be kept full with fill water after the waterfall pump will need to be shut off as levels fall.

Surface trash removal:

All surface trash (dead fish, trash, leaves, and landscape debris) is removed every visit. There was some rainfall and windy days in the quarter but no large storms.

The northern end of the lake, adjacent to Cameo Drive, is one of the areas where there are areas of trash accumulations every week. That area is checked and skimmed every visit.

Fish and waterfowl:

The lake is being drained for repairs in the upcoming months so no new fish are going in but based on lake conditions and no additional fish are needed for biological control.

Fish / Waterfowl mortality for the quarter:

1 bass / 1 Catfish
No waterfowl losses seen

As the lake dries up over the course of the summer heat the fish population will become stressed from low oxygen and excessive heat and will start to die in large numbers. Most waterfowl was gone from the lakes by the early summer; only a gaggle of Canadian geese remained and they will hopefully move to the golf course in the upcoming weeks.

Overall lake conditions and observations:

All of the residents' boats and the floating dock have been removed by July. The rapid drop in water levels started the second week of July with no additional fill water going into the lake. In the summer heat the rate of evaporation is high and the lake levels will noticeably drop over the rest of the summer.

FINAL REPORT: