



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection:
Quality Assurance

Inspection Date:
6/27/2024

Prepared for:
Placido Bayou
Community Association

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Locations in: Deerfield Beach, Fort Myers, Port St. Lucie, and Clearwater/Tampa
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Site Assessments

Pond 1

Comments:

Normal Growth Observed

Continue treatment of Algae and Torpedograss along the edge of the pond.

Widgeon grass has made its way into the pond. Successful contact treatments have been applied to gain control of this submersed aquatic.



Pond 2

Comments:

Normal Growth Observed

Continue treatment of Torpedograss along the edge of the pond.

Widgeon grass has made its way into the pond. Treatments have been performed in late June and early July to gain control of this submersed aquatic. Several diffusers in this pond are still not functioning. Tom serviced on July 2nd and is returning the week of 7/15/-7/19 to inspect and perform additional repairs.



Site Assessments

Pond 3

Comments:

Normal Growth Observed

Torpedograss, algae and alligator weed have been targeted along the ponds edge and at the base of the wood retaining wall.



Pond 4

Comments:

Normal Growth Observed

We continue to carefully spot treat alligator weed and Torpedograss within the pond and around the native aquatic plants.

Bacterial enzymes and oxidizers are applied to the pond periodically.



Site Assessments

Pond 5

Comments:

Site Looks Good

Treatment of Torpedograss and alligator weed is being performed within and around the native aquatic plants.

Native Spikerush is healthy.



Pond 6

Comments:

Site Looks Good

We continue to carefully spot treat alligator weed and Torpedograss within the pond and around the native aquatic plants.

Bacterial enzymes and oxidizers are applied to the pond periodically.



Site Assessments

Pond 7

Comments:

Treatment In Progress

Boat is being used monthly to apply algicide, Biozyme Nitrifier, and contact aquatic herbicides to the pond. Follow up algae treatments are performed via ATV two weeks after boat application. We are increasing the algicide and Biozyme rates by 50% immediately until the high air and water temps are lower in Nov-Dec. The prominent algal growth present is green algae, not blue green algae, which is positive.



Pond 8

Comments:

Normal Growth Observed

Minimal amounts of Algae and Torpedograss observed and treated.

Wood retaining wall is in the process of being repaired.



Site Assessments

Pond 9

Comments:

Treatment In Progress

Wood retaining wall has been sprayed free of Torpedograss and weeds.

Wall recently repaired.



Pond 10

Comments:

Site Looks Good

Wood retaining walls have been sprayed free of Torpedograss and weeds.

Shoreline native aquatic plants are healthy and helping to naturally stabilize the shoreline area.





Management Summary

As expressed earlier, a boat is being utilized monthly to apply copper based algicide, Biozyme, and contact aquatic herbicides to pond 7. Follow up algae treatments are performed via ATV two weeks after boat application.

Effective immediately, we are increasing the algicide and Biozyme rates by 50% until the high air and water temps are lower in Nov-Dec. Biozyme Nitrifiers are specialized, highly concentrated, powerful bacteria that attack ammonia and nitrate, and also help to bind phosphates.

This strategy will produce better control of the algal growth within pond 7. Of course, we will ensure that we do not exceed legal limits of algicide and aquatic herbicide usage.

Several diffusers in ponds 2 & 7 are still not functioning as of 7/12/24. Tom serviced on July 2nd and is returning the week of 7/15/-7/19 to inspect and perform additional repairs until all diffusers are working properly.

Recommendations/Action Items

We certainly understand the homeowners' concerns regarding the swarming adult Midge Flies around pond 7. We're doing everything we can from an algae treatment perspective since algae is just one of the food sources for the Midge Fly larvae.

Application of larvicides can be performed in the form of 3 applications in the mid-late Summer and 3 applications repeated in the early Spring. These applications are time consuming since each treatment has to cover the entire acreage of the pond in a concentric circle pattern applied every 20' around the pond. The cost for each 3 treatment sequence will be \$8,950.

The longer term strategy for assisting in control of Midge Flies would entail the stocking of additional predatory fish to feed on the Midge Fly at the larval stage. The recommended fish are- 2,000 2" Bluegill, 4,500 2" Shellcrackers (Redears) & 6,500 4" Channel Catfish. These predatory fish feed on the Midge Flies at the larval and pupation stages. The cost for this stocking will be \$14, 625.

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