



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection:
Monthly

Inspection Date:
1/12/2022

Prepared for:
PBCA Board

Prepared by:
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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:

Site Looks Good

No action required.



Pond 2

Comments:

Treatment In Progress

Selective treatment for Torpedograss was applied between the Gulf Spikerush.



Site Assesments

Pond 3

Comments:

Treatment In Progress

Trace amounts of Duckweed and algae were treated the pond. There was a gathering of phytoplankton the was treated as well.



Pond 4

Comments:

Treatment In Progress

Probiotics were put in the pond along with a Bioboost. These biomes are positioned near air stations and help host millions of colonies of beneficial bacteria. Bacteria, in the presence of oxygen, can help reduce organic matter, reduce foul smelling odors and help proactively reduce algae blooms.



Site Assesments

Pond 5

Comments:

Treatment In Progress

Boat was launch this month to target small area of Torpedograss inside the native Cattails.



Pond 6

Comments:

Treatment In Progress

Probiotics were put in the pond along with a Bioboost. These biomes are positioned near air stations and help host millions of colonies of beneficial bacteria. Bacteria, in the presence of oxygen, can help reduce organic matter, reduce foul smelling odors and help proactively reduce algae blooms.



Site Assessments

Pond 7

Comments:

Treatment In Progress

Filamentous algae was treated inside the lake. While the growth was small, we are staying ahead of the blooms.



Pond 8

Comments:

Treatment In Progress

Submersed Hydrilla contact was applied in the pond. Hydrilla was beginning to bloom, especially near the Gulf Spikerush. When targeting Hydrilla near beneficial plants, it is important to use a selective herbicide that will not harm the Gulf Spikerush.



Site Assesments

Pond 9

Comments:

Treatment In Progress

Boat was launch and we treated the seawall for grasses.



Pond 10

Comments:

Site Looks Good

No action required.





Management Summary

1. No action required.
2. Selective treatment for Torpedograss was applied between the Gulf Spikerush.
3. Trace amounts of Duckweed and algae were treated the pond. There was a gathering of phytoplankton the was treated as well.
- 4 and 6. Probiotics were put in the pond along with a Bioboost. These biomes are positioned near air stations and help host millions of colonies of beneficial bacteria. Bacteria, in the presence of oxygen, can help reduce organic matter, reduce foul smelling odors and help proactively reduce algae blooms.
5. Boat was launch this month to target small area of Torpedograss inside the native Cattails.
7. Filamentous algae was treated inside the lake. While the growth was small, we are staying ahead of the blooms.
8. Submersed Hydrilla contact was applied in the pond. Hydrilla was beginning to bloom, especially near the Gulf Spikerush. When targeting Hydrilla near beneficial plants, it is important to use a selective herbicide that will not harm the Gulf Spikerush.
9. Boat was launch and we treated the seawall for grasses.
10. No action required.

Recommendations/Action Items

In January, we installed Bioboosts in ponds 4 and 6. We also did core samples in every pond. I will be providing the results in a separately. The goal of core samples is to show how much organic muck has accumulated inside the ponds. While cores help us understand an overall picture, organic variation can range from very little muck accumulation to significant muck accumulation in different cores within the sample lake.

In January we had some frost. In is common for some effected aquatic plants to go dormant and remerge in April.

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Site Map

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 St. Petersburg, Florida



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