



# 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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292 S. Military Trail, Deerfield Beach, FL 33442

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

1-800-491-9621



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### **Site Assessments**

### Pond 1

#### **Comments:**

Site Looks Good

No action required.



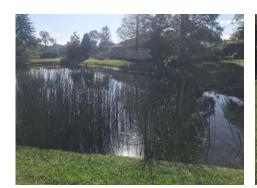


### Pond 2

#### **Comments:**

**Treatment In Progress** 

Selective treatment for Torpedograss was applied between the Gulf Spikerush.





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#### **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.





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#### **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.





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#### **Site Assesments**

#### 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.





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### **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.





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#### **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

### **Placido Bayou Community Association**

St. Petersburg, Florida



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