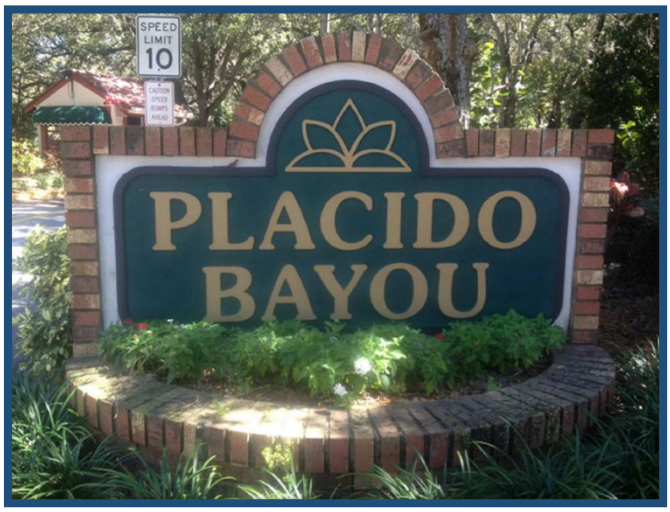

Placido Bayou Community Association Quarterly Waterway Inspection Report

Reason for Inspection:
Quality Assurance

Inspection Date:
1/27/2023

Prepared for:
Placido Bayou
Community Association

Prepared by:
Stephen Roehm, Aquatic Technician
Doug Agnew, Senior Environmental Consultant

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Site Assessments

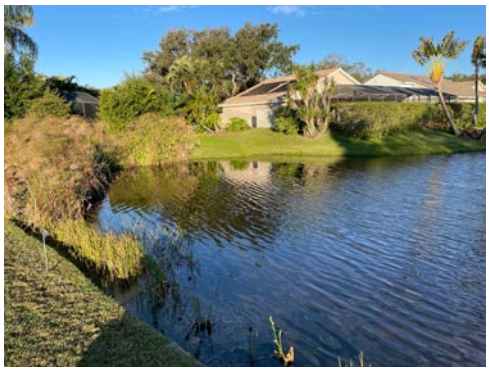
Pond 1

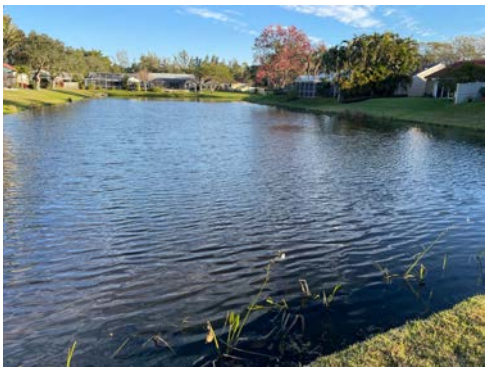
Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Quarter of 2023.

Native aquatic plant species in healthy condition.





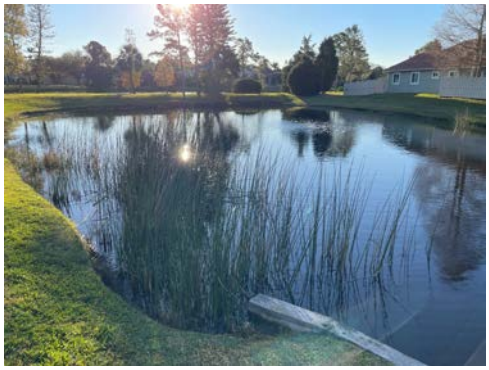
Pond 2

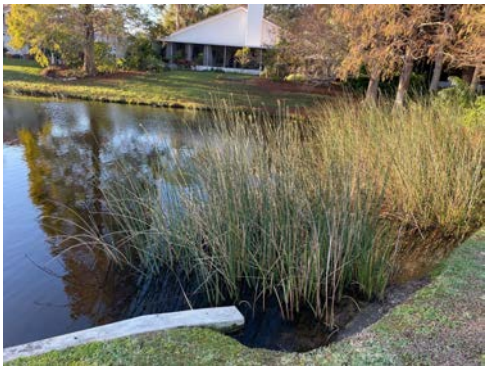
Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Quarter of 2023.

Native aquatic plant species in healthy condition.





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Site Assessments

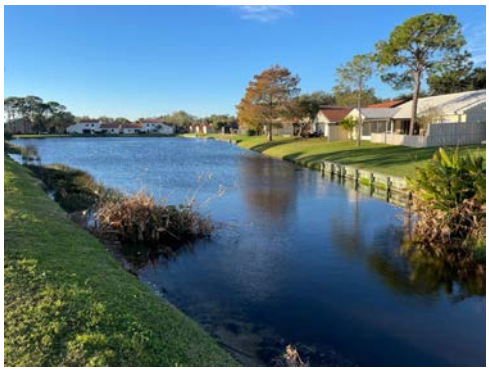
Pond 3

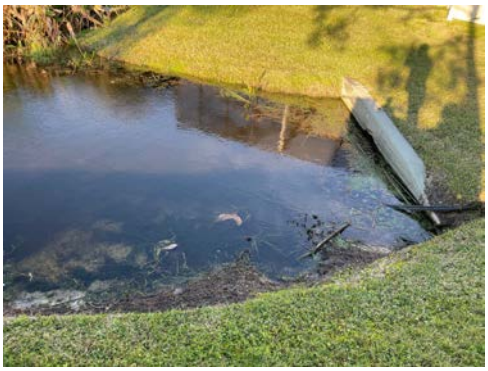
Comments:

Normal Growth Observed

Minimal Planktonic Algae treated in 1st Quarter of 2023.

Native aquatic plant species in healthy condition.





Pond 4

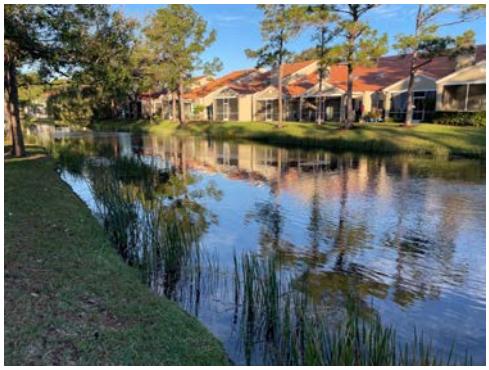
Comments:

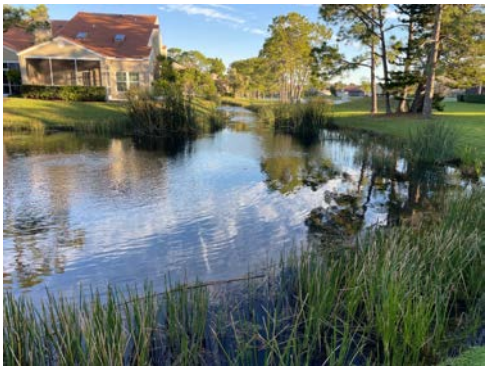
Normal Growth Observed

Minimal Filamentous Algae being treated in 1st Quarter of 2023.

Trace amounts of Torpedograss observed and treated.

Native aquatic plant species in healthy condition.





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Site Assessments

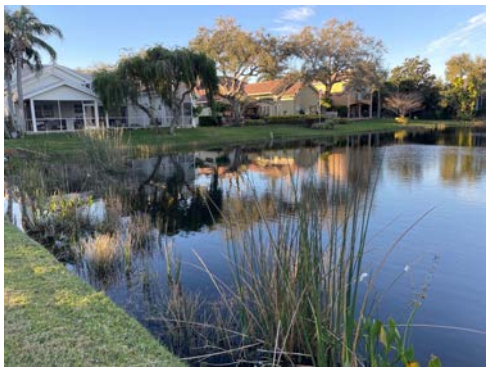
Pond 5

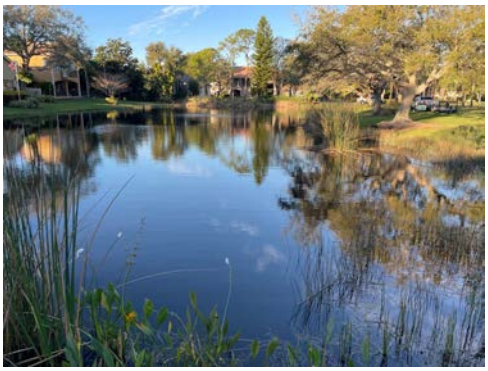
Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Quarter of 2023.

Native aquatic plant species in healthy condition.





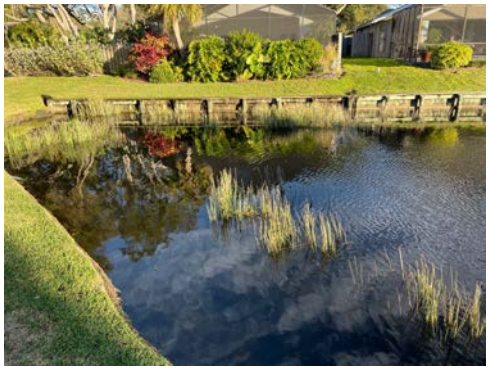
Pond 6

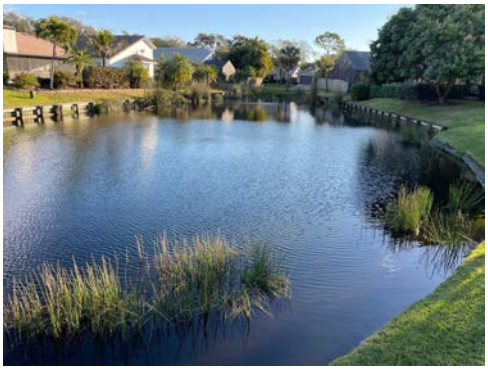
Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Quarter of 2023.

Native aquatic plant species in healthy condition.





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Site Assessments

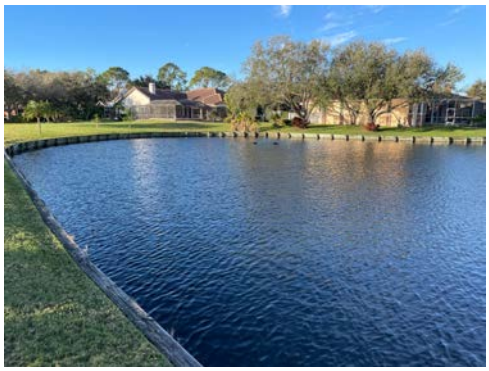
Pond 7

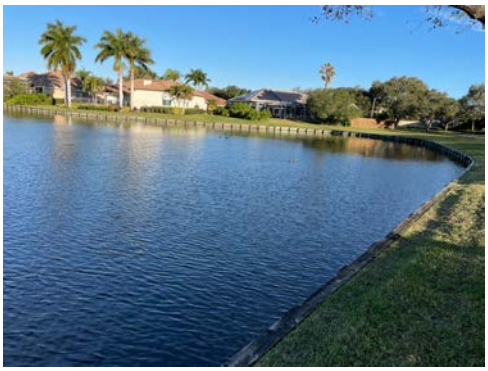
Comments:

Site Looks Good

Slight amount of Planktonic Algae treated with Copper based algicide on a monthly basis in 1st Q of 2023.

Additional application of EutroSorb applied in the 1st Quarter of 2023.



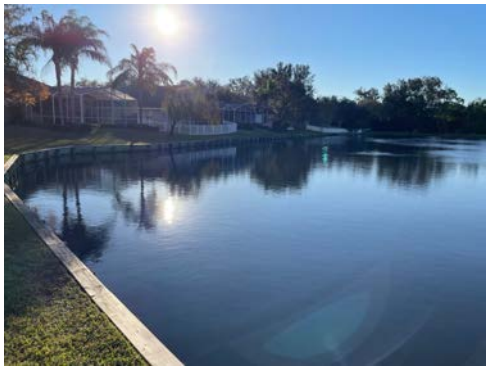


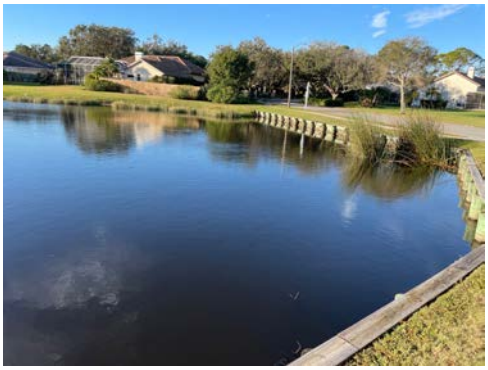
Pond 8

Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Q of 2023.





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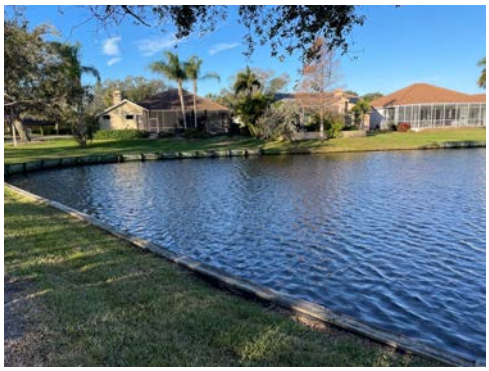
Site Assessments

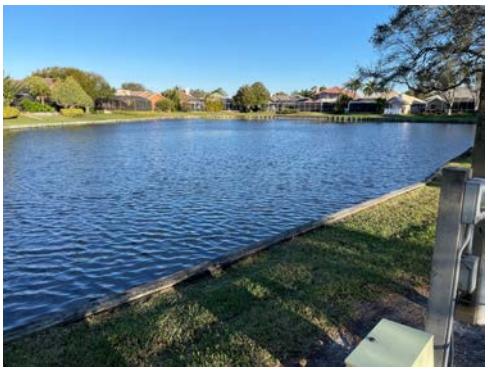
Pond 9

Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Q of 2023.





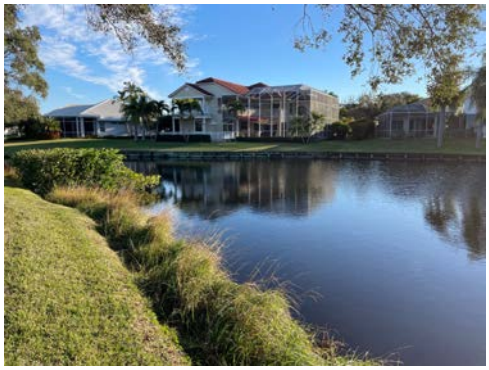
Pond 10

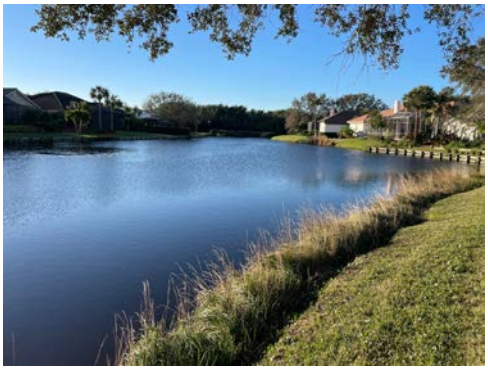
Comments:

Site Looks Good

Minimal Filamentous Algae being treated in 1st Q of 2023.

Native aquatic plant species in healthy condition.





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Management Summary

* We are controlling all algae, aquatic weed and noxious shoreline grasses within all ten ponds with twice a month service visits to Placido Bayou.

* Pond #'s 1-6 have historically exhibited varying amounts of Alligatorweed (Alternanthera philoxeroides) within and around the native aquatic shoreline planted areas. An EPA approved aquatic herbicide is carefully being utilized to treat this invasive non native plant early on in the growing season to limit the propagation of this plant. In addition, a selective aquatic herbicide is being utilized for the control of the Torpedograss (Panicum repens), without harming the native aquatic plant growth.

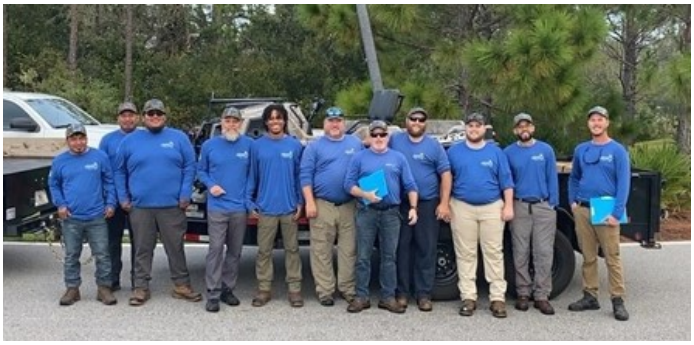
* Pond #7 is being carefully monitored, and treated, every month with EPA approved Copper based algicides for any amount of Planktonic Algae. In addition, Advanced Aquatic is performing additional strategic applications of the Phosphorus reducing product EutroSORB in the 1st Quarter to ensure Total Phosphorus levels are within an acceptable range.

Recommendations/Action Items

PBCA management does an excellent job in continuing to encourage the reasonable use of reclaimed water for irrigation. The nutrient and mineral rich reclaimed increases algal propagation and thus water negatively impacts the balance of the pond ecosystems.

In addition, we appreciate the oversight of PBCA management to advise landscapers to limit (as much as possible) the discharge of cut grass into the pond shoreline areas. This effort helps to lessen the amount of Phosphorus and Nitrogen being introduced into the pond ecosystems.

Thank you for the opportunity to be of service to the PBCA!



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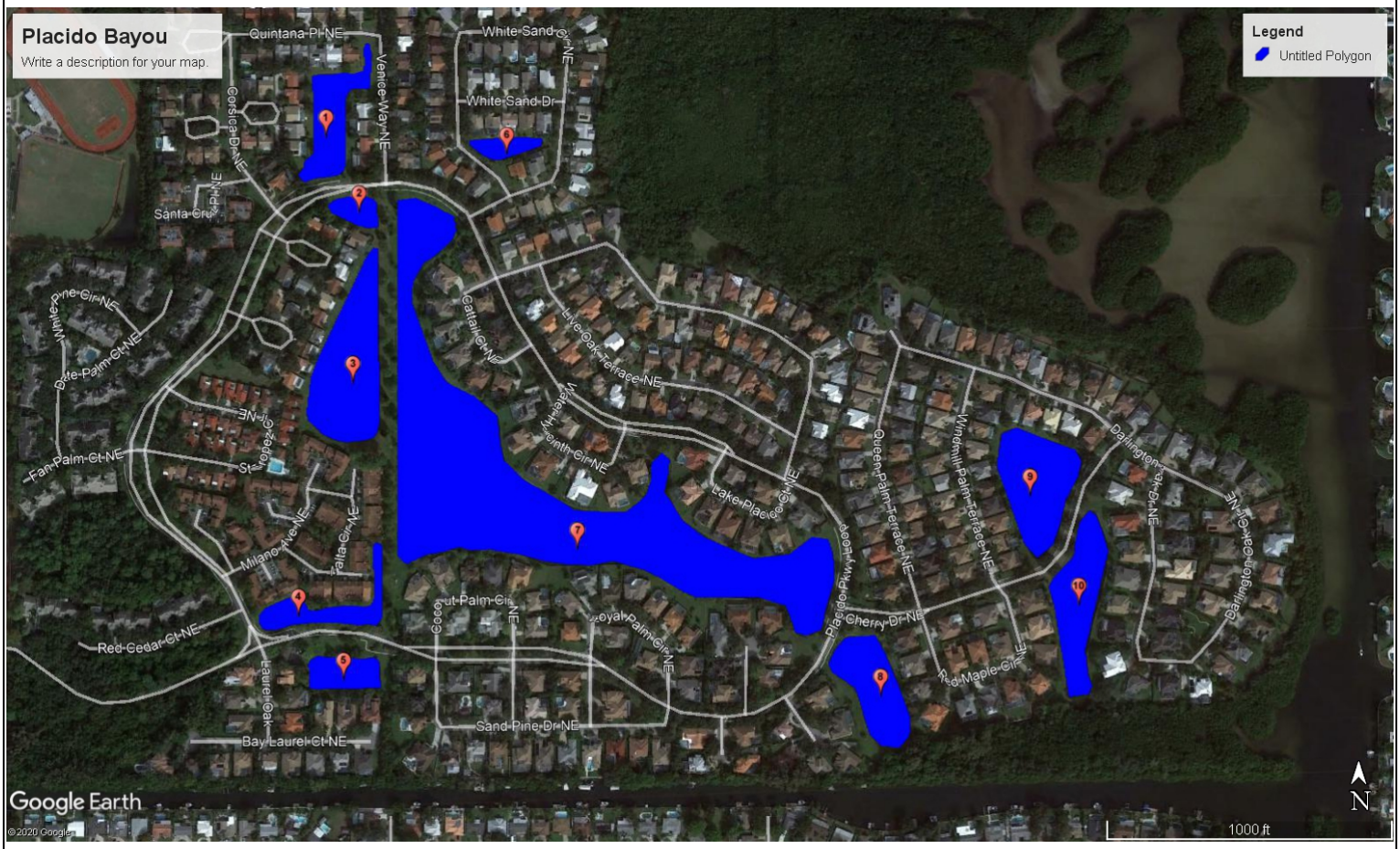
Site Map



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