



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection: Routine Scheduled - Monthly

Inspection Date: 12/12/2016

Prepared for:

Ms. Dietta Burgoyne

4691 Laurel Oak Lane NE

St. Petersburg, Florida 33703

Prepared by:

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Placido Bayou Community Association Waterway Inspection Report

12/12/2016

Site: 1



Comments:

Site looks good
Beneficial native Bacopa on the bottom right is nicely filling in areas between planted Gulf Spikerush. Bacopa is especially important as it helps prevent invasive weeds such as Torpedograss from creeping in the lake.

Site: 2



Comments:

Site looks good
Hand removal of Torpedograss within the beneficial plants occurred in December. The areas of Gulf Spikerush are nicely filling in.

Placido Bayou Community Association Waterway Inspection Report

12/12/2016

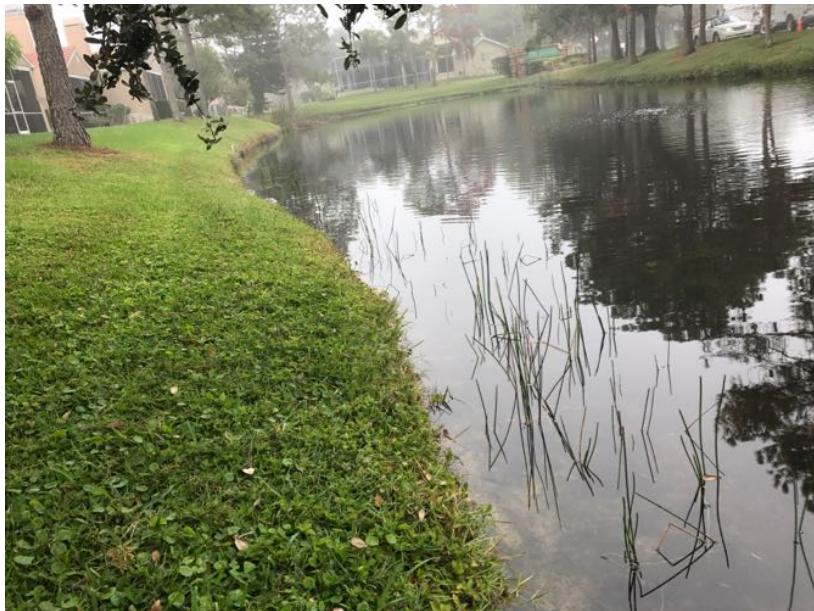
Site: 3



Comments:

Site looks good
Water level has dropped in this pond and the cooler weather is helping efficiency of algaecides.

Site: 4



Comments:

Site looks good
Gulf Spikerush is beginning to spread and fill in from recent planting. Areas of the finger are beginning to dry up as seen in top right.

Placido Bayou Community Association Waterway Inspection Report

12/12/2016

Site: 5



Comments:

Site looks good
Water level is low and mud is beginning to expose. Tree limb in bottom right fell into the lake, but I believe this issue has been addressed.

Site: 6



Comments:

Site looks good
Waterway is looking great.

Placido Bayou Community Association Waterway Inspection Report

12/12/2016

Site: 7



Comments:

Site looks good

Physical removal of invasive weeds and creating a buffer line between aquatic and terrestrial plants will allow for reduced herbicide use and reduced physical removals. Bottom right shows how Torpedograss will spread to the lake without a buffer line.

Site: 8



Comments:

Site looks good

Water levels are dropping and the Duck Potato and Gulf Spikerush are spreading nicely. Note how the plants were properly planted minimum of 12 inches from the bank. This will allow for a nice buffer area to prevent Torpedograss and Saint Augustine from entering the lake.

Placido Bayou Community Association Waterway Inspection Report

12/12/2016

Site: 10



Comments:

Site looks good

Smooth Cordgrass is showing a great survival rate. The Vetiver Grass is surviving and maintenance is to be provided by the homeowner as it is a terrestrial plant.

Site: 9



Comments:

Site looks good

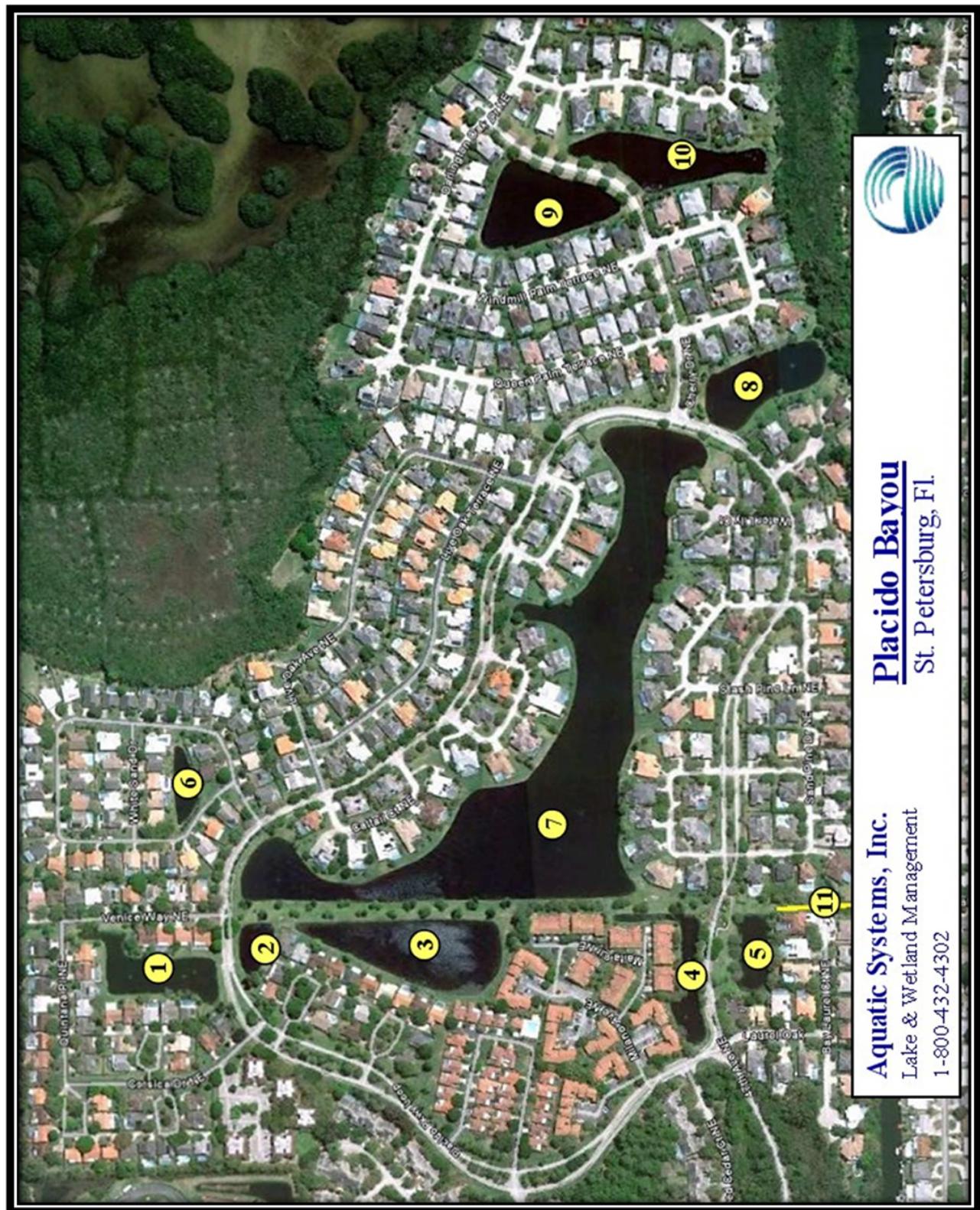
Bacopa has filled in the small area near the inflow where Cattails used to be.

Management Summary

1. Beneficial native Bacopa on the bottom right is nicely filling in areas between planted Gulf Spikerush. Bacopa is especially important as it helps prevent invasive weeds such as Torpedograss from creeping in the lake.
2. Hand removal of Torpedograss within the beneficial plants occurred in December. The areas of Gulf Spikerush are nicely filling in.
3. Water level has dropped in this pond and the cooler weather is helping efficiency of algaecides.
4. Gulf Spikerush is beginning to spread and fill in from recent planting. Areas of the finger are beginning to dry up as seen in top right.
5. Water level is low and mud is beginning to expose. Tree limb in bottom right fell into the lake, but I believe this issue has been addressed.
6. Waterway is looking great.
7. Physical removal of invasive weeds and creating a buffer line between aquatic and terrestrial plants will allow for reduced herbicide use and reduced physical removals. Bottom right shows how Torpedograss will spread to the lake without a buffer line.
8. Water levels are dropping and the Duck Potato and Gulf Spikerush are spreading nicely. Note how the plants were properly planted minimum of 12 inches from the bank. This will allow for a nice buffer area to prevent Torpedograss and Saint Augustine from entering the lake.
9. Bacopa has filled in the small area near the inflow where Cattails used to be.
10. Smooth Cordgrass is showing a great survival rate. The Vetiver Grass is surviving and maintenance is to be provided by the homeowner as it is a terrestrial plant.

Recommendations/Action Items

1. Monitor Gulf Spikerush planted in the bare areas in December at no cost to customer.
2. Monitor beneficial plants for invasive weed growth.
3. Monitor algae growth and invasive weeds growing near beneficial plants.
4. Monitor recent planting for success. Plants are looking good as of now. Continue probiotics.
5. No action required.
6. Continue probiotics.
7. Maintain buffer line created to reduce invasive weeds from entering the lake.
8. Monitor recent plantings for success. Plants are looking good as of now.
9. No action required.
10. Monitor recent planting for success. Recommend speaking with homeowner on how to properly maintain Vetiver Grass.



Placido Bayou
St. Petersburg, Fl.

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