



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection: Routine Scheduled - Monthly

Inspection Date: 12/10/2015

Prepared for:

Ms. Dietta Burgoyne
4691 Laurel Oak Lane NE
St. Petersburg, Florida 33703

Prepared by:

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Site: 1



Comments: Site looks good

Beneficial vegetation is spreading throughout the pond. We will continue to monitor the Pickerelweed for disease. There is good chance that the diseased areas will recover. We will continue with hand removal here for the next few months.

Site: 2



Comments: Site looks good

This site is in good condition. I notice a small area of Pickerelweed showing signs of disease. These plants are very likely to come back in the spring time. A film of pollen covered areas of the pond. The pollen will sink and decompose inside the pond.

Site: 3



Comments: Site looks good

Shoreline weeds continue to decompose inside the lake. The planted aquatic vegetation is doing well. The floating duckweed has disappeared since last months treatments.

Site: 4



Comments: Site looks good

Cattails continue to decompose near inflow. Trace amounts of duckweed continue to grow inside cattails. Duckweed will be targeted if it becomes an issue inside retention pond.

Site: 5



Comments: Site looks good

The finger shaped area of this retention pond has been an area with persistent algae blooms. Note the probiotics we have been using in the top right. This with our algacides have provided good control. The probiotics will help break down organic material and assist in reducing nutrient levels.

Site: 6



Comments: Requires attention

This pond has an algae and duckweed bloom. It was treated with an algacide, a duckweed contact and a nutrient reducer. We will continue dye use here. The turtles continue to use the floating mat as a resting place.

Site: 7



Comments: Requires attention

Algaecides from previous treatment are showing progress. We will continue to target growing algae. Duck Potato in the area of the Bulrush removal is beginning to spread.

Site: 8



Comments: Site looks good

Selective spot spraying shows death of torpedograss near beneficials. The area near the outflow has been sprayed out to help increase flow during Summer storms.

Site: 9



Comments: Site looks good

Smooth Cord Grass and Black Needle Rush has survived it's first month as a test plot. We will not use herbicide near the test plots until Spring. The new plants will continue to proliferate very slowly as it is Winter.

Site: 10



Comments: Site looks good

Smooth Cord Grass and Black Needle Rush has survived it's first month as a test plot. We will not use herbicide near the test plots until Spring. The new plants will continue to proliferate very slowly as it is Winter.

Management Summary

1. Beneficial vegetation is spreading throughout the pond. We will continue to monitor the Pickerelweed for disease. There is good chance that the diseased areas will recover. We will continue with hand removal here for the next few months.
2. This site is in good condition. I notice a small area of Pickerelweed showing signs of disease. These plants are very likely to come back in the spring time. A film of pollen covered areas of the pond. The pollen will sink and decompose inside the pond.
3. Shoreline weeds continue to decompose inside the lake. The planted aquatic vegetation is doing well. The floating duckweed has disappeared since last months treatments.
4. Cattails continue to decompose near inflow. Trace amounts of duckweed continue to grow inside cattails. Duckweed will be targeted if it becomes an issue inside retention pond.
5. The finger shaped area of this retention pond has been an area with persistent algae blooms. Note the probiotic block we have been using in the top right. This with our algaecides have provided good control. The probiotics will help break down organic material and assist in reducing nutrient levels.
6. This pond has an algae and duckweed bloom. It was treated with an algaecide, a duckweed contact and a nutrient reducer. We will continue dye use here. The turtles continue to use the floating mat as a resting place.
7. Algaecides from previous treatment are showing progress. We will continue to target growing algae. Duck Potato in the area of the Bulrush removal is beginning to spread.
8. Selective spot spraying shows death of torpedograss near beneficials. The area near the outflow has been sprayed out to help increase flow during Summer storms
9. Smooth Cord Grass and Black Needle Rush has survived it's first month as a test plot. We will not use herbicide near the test plots until Spring. The new plants will continue to proliferate very slowly as it is Winter.
10. Smooth Cord Grass and Black Needle Rush has survived it's first month as a test plot. We will not use herbicide near the test plots until Spring. The new plants will continue to proliferate very slowly as it is Winter.

Recommendations/Action Items

1. We will perform hand removal of invasive weeds as we closely monitor the diseased Pickerelweed. I recommend waiting until spring and then reevaluate the success of the Pickerelweed.
2. We will perform hand removal of invasive weeds as we closely monitor the diseased Pickerelweed.
3. Nothing required at this time.
4. Nothing required at this time.
5. We will closely monitor the possible spread of duckweed.
6. We will continue to use probiotics, dye and nutrient reducers at this site.
7. Continued use of algaecides for better control.
8. Recommend removing/spraying vegetation such as Brazilian Peppers and Australian Pines that are growing near the outflow pipe near the conservation area. This will be preventative for flooding and damage to your control structure.
- 9 and 10. Recommend educating any concerned homeowners why the plants will be growing slowly for the next few Winter months. Ex: cold weather, less sunlight, less rainfall.

