



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection: Customer Request

Inspection Date: 11/19/2015

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 plants are filling in great here. Small area of Pickerelweed appears to have predation. We currently are working with IFAS lead entomologists and pathologists to discover the stress on this plant. The floating mat appears to be damaged, this may be troublesome if planted. I'm currently working on a price to have this planted.

Site: 2



Comments: Site looks good

This site looks good and requires no immediate attention. It should be monitored for duckweed blooms. The beneficial plants here look very full. A piece of wood was noted and should be removed.

Site: 3



Comments: Normal growth observed

Torpedograss along the seawall is dead and the large amounts of shoreline grasses are almost finished decomposing from previous herbicide treatment. Duckweed is windblown close to site 2 and should be treated as it is close together.

Site: 4



Comments: Normal growth observed

Algae control is improving here, especially in the long finger area. Please note, the finger area has large amounts of grass clippings. This is excess and adds nutrients to the system. There is no need to remove the grass as nutrients leach inside the water column within only 24 hours.

Site: 5



Comments: Site looks good

Wading birds have found this ecosystem as home. The cattails are being contained in one area.

Site: 6



Comments: Requires attention

This site needs continued algaecides, nutrient reducers and dye to help control excess algae. Birds and turtles continue to rest on the floating matt. Note one healthy Blue Flag Iris in the bottom right corner.

Site: 7



Comments: Site looks good

Algae is under control here. Torpedograss was spot sprayed between beneficial plants. Looks to be a great treatment. Duck Potato continue to replace the physically removed Bulrush. Next treat we will help control regrowth of Bulrush using herbicide.

Site: 8



Comments: Site looks good

Overgrowth near outflow has been treated, allow time to decompose into the lake. Excellent spot spray treatment was noted around the Bulrush targeting some Torpedograss.

Site: 9



Comments: Site looks good

I am working on quote for a test planting here. Two areas of 40 plants each will be planted. This totals 80 plants.

Site: 10



Comments: Site looks good

I am working on quote for a test planting here. Two areas of 40 plants each will be planted. This totals 80 plants. This is a total of 160 plants for ponds 9 and 10. After approval we will begin working on a quote for a large planting in these test plantings. Beneficial plantings help reduce erosion and nutrient levels.

Management Summary

Summary by Site:

1. Beneficial plants are filling in great here. Small area of Pickerelweed appears to have predation. We currently are working with IFAS lead entomologists and pathologists to discover the stress on this plant. The floating mat appears to be damaged, this may be troublesome if planted. I'm currently working on a price to have this planted.
2. This site looks good and requires no immediate attention. It should be monitored for duckweed blooms. The beneficial plants here look very full. A piece of wood was noted and should be removed.
3. Torpedograss along the seawall is dead and the large amounts of shoreline grasses are almost finished decomposing from previous herbicide treatment. Duckweed is windblown close to site 2 and should be treated as it is close together.
4. Algae control is improving here, especially in the long finger area. Please note, the finger area has large amounts of grass clippings. This is excess and adds nutrients to the system. There is no need to remove the grass as nutrients leach inside the water column within only 24 hours.
5. Wading birds have found this ecosystem as home. The cattails are being contained in one area.
6. This site needs continued algaecides, nutrient reducers and dye to help control excess algae. Birds and turtles continue to rest on the floating matt. Note one healthy Blue Flag Iris in the bottom right corner.
7. Algae is under control here. Torpedograss was spot sprayed between beneficial plants. Looks to be a great treatment. Duck Potato continue to replace the physically removed Bulrush. Next treat we will help control regrowth of Bulrush using herbicide.
8. Overgrowth near outflow has been treated, allow time to decompose into the lake. Excellent spot spray treatment was noted around the Bulrush targeting some Torpedograss.
9. I am working on quote for a test planting here. Two areas of 40 plants each will be planted. This totals 80 plants.
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Recommendations/Action Items

Recommendations by Site:

1. Allow ASI to find recommendations/diagnosis of stressed Pickerelweed.
2. Duckweed will be monitored next visit.
3. Duckweed will be treated next visit.
4. Reduce grass clippings inside finger of the pond. Algae will be retreated next scheduled visit.
5. Cattail regrowth will be monitored.
6. Low dose nutrient reducer will be applied as well as dye and algaecide next visit.
7. Regrowth of physically removed Bulrush will be sprayed.
8. No action at this time.
9. Planting of 40 Smooth Cord Grass and 40 Black Needle Rush. Cost and schedule will be later provided by ASI.
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General Recommendations:

Recommend testing ponds 4 and 5 to see if additional aeration is required.

Recommend additional alum treatments in ponds 6 and 8.

