



# Placido Bayou Community Association Waterway Inspection Report

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**Reason for Inspection:** Routine Scheduled - Monthly

**Inspection Date:** 4/3/2017

**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

St. Augustine grass is beginning to choke out beneficial plants. Also, I'm noticing some yellowing and browning of Gulf Spikerush. I recommend a salinity test to be sent out to our lab. ASI will cover costs. I will provide an update with possible TIGR use next month.

Site: 2



**Comments:** Site looks good

No action required.

Site: 3



**Comments:** Treatment in progress

Filamentous algae is currently being treated, especially in wind blown areas of the lake. New appearance of Naiad is showing in the pond and will be treated next scheduled visit.

Site: 4



**Comments:** Normal growth observed

Torpedograss along backside of lake was treated this month. Trace amounts of algae were also targeted. Aquatic planting is filling in nicely, especially the Gulf Spikerush. Continued use of probiotic treatments.

Site: 5



**Comments:** Requires attention

Stand of Bulrush has floated to the shoreline. Bulrush was broken down into smaller pieces and physically removed at no cost to the community. Trace amounts of algae were treated in April.

Site: 6



**Comments:** Treatment in progress

Algae had collected in the back cove and was treated in April. Bulrush is showing dead leaves as it sheds its old growth before Spring. Probiotics are continued.

Site: 7



**Comments:** Normal growth observed

Filamentous algae is currently being treated, especially in wind blown areas of the lake. New appearance of Hydrilla is showing in the pond and will be treated next scheduled visit.

Site: 8



**Comments:** Site looks good

Beneficial plants have grown extremely fast in this pond. This is one of the greatest bare root plantings I have ever seen. Gulf Spikerush and Duck Potato at a 50/50 ratio.

Site: 9



**Comments:** Site looks good

No action required.

Site: 10



**Comments:** Site looks good

No action required. Smooth Cordgrass has survived any winter chill and will go into the Summer with full momentum. The halophyte is slower growing, but we can see how fast it will spread.

**Management Summary**

1. St. Augustine grass is beginning to choke out beneficial plants. Also, I'm noticing some yellowing and browning of Gulf Spikerush. I recommend a salinity test to be sent out to our lab. ASI will cover costs. I will provide an update with possible TIGR use next month.
2. No action required.
3. Filamentous algae is currently being treated, especially in wind blown areas of the lake. New appearance of Naiad is showing in the pond and will be treated next scheduled visit.
4. Torpedograss along backside of lake was treated this month. Trace amounts of algae were also targeted. Aquatic planting is filling in nicely, especially the Gulf Spikerush. Continued use of probiotic treatments.
5. Stand of Bulrush has floated to the shoreline. Bulrush was broken down into smaller pieces and physically removed at no cost to the community. Trace amounts of algae were treated in April.
6. Algae had collected in the back cove and was treated in April. Bulrush is showing dead leaves as it sheds its old growth before Spring. Probiotics are continued.
7. Filamentous algae is currently being treated, especially in wind blown areas of the lake. New appearance of Hydrilla is showing in the pond and will be treated next scheduled visit.
8. Beneficial plants have grown extremely fast in this pond. This is one of the greatest bare root plantings I have ever seen. Gulf Spikerush and Duck Potato at a 50/50 ratio.
9. No action required.
10. No action required. Smooth Cordgrass has survived any winter chill and will go into the Summer with full momentum. The halophyte is slower growing, but we can see how fast it will spread.

**Recommendations/Action Items**

1. Salinity test/no charge water sample. Selectively treat with TIGR, if herbicide becomes available. Continue not using herbicides on this pond.
2. Alum treatment.
3. Alum treatment and submersed Naiad treatment next scheduled treatment.
4. Alum treatment and probiotic treatments. Monitor recent planting.
5. Alum treatment and monitor future algae growth.
6. Alum treatment and probiotic treatments. Recommend allowing shedding leaves of Bulrush to slowly fall and decompose inside the pond.
7. Alum treatment and submersed Hydrilla treatment next scheduled treatment. Continue to monitor for algae growth and keep established buffer line between terrestrial areas and aquatic areas.
8. Monitor recent planting.
9. No action required.
10. Monitor Smooth Cordgrass.

Please ensure your community is practicing BMP's (basic management practices). A great resource is [pinellascounty.org](http://pinellascounty.org) or the ASI website.

- 1) do not over water
- 2) do not water over any impervious surface or directly into the lake
- 3) do not leave grass clippings or leaves on impervious surfaces
- 4) weed eat in the direction that limits grass clippings from entering the pond directly
- 5) do not fertilize on any sloped bank
- 6) do not fertilize anywhere near the retention pond
- 7) be sure to pick up dog waste

