



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection: Routine Scheduled - Monthly

Inspection Date: 7/5/2016

Prepared for:

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

Prepared by:

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Site: 1



Comments: Normal growth observed

Alligatorweed is growing out passed the beneficial plants and will be targeted this month. Physical removal day is recommended to be scheduled for next month.

Site: 2



Comments: Normal growth observed

Spot spray treatment is to be scheduled this month. Recommend physical removal day for next month.

Site: 3



Comments: Requires attention

Algae, duckweed and shoreline grasses to be targeted next scheduled visit. Homeowner planted flower bed and routine maintenance in this area will be missed this month. Limb is to be cut down from a tree to avoid homeowner from removing flowers.

Site: 4



Comments: Normal growth observed

Algaecide and probiotics to be scheduled for this month. Vetiver Grass is beginning to mature and could use a trimming from the landscapers. 2,335 bareroot Gulf Spike Rush to be planted in October. 2,335 one gallon size Duck Potato to be planted in October. Total Phosphorous in July was 780ppb.

Site: 5



Comments: Normal growth observed
Algaecide to be used next scheduled visit. Total Phosphorous in July was 790ppb.

Site: 6



Comments: Normal growth observed
Algaecide to be scheduled next visit. Continue with probiotics. Primrose Willow on floating mat is to be targeted using herbicide on next scheduled visit. Total Phosphorous for July was 1170ppb.

Site: 7



Comments: Normal growth observed

Algaecide to be used on next scheduled visit. Bottom right, Fran and I experimented with a "buffer line" between the beneficial plants. Some communities ask for this to be done for aesthetic purposes in hopes to have a cleaner separation between landscapers and aquatics. Total Phosphorous for July was 680ppb.

Site: 8



Comments: Requires attention

Algaecide to be scheduled next visit. Test plot plants are taking well. 1,130 bareroot Gulf Spikerush and 1,130 bareroot Duck Potato are to be planted in October. Total Phosphorous for July was 300ppb.

Site: 9



Comments: Site looks good
No action required at this time.

Site: 10



Comments: Site looks good
Surviving Smooth Cord Grass looks good as it begins to spread and mature. 1,686 one gallon containers of Smooth Cord Grass are to be planted in October.

Management Summary

1. Alligatorweed is growing out passed the beneficial plants and will be targeted this month. Physical removal day is recommended to be scheduled for next month.
2. Spot spray treatment is to be scheduled this month. Recommend physical removal day for next month
3. Algae, duckweed and shoreline grasses to be targeted next scheduled visit. Homeowner planted flower bed and routine maintenance in this area will be missed this month. Limb is to be cut down from a tree to avoid homeowner from removing flowers.
4. Algaecide and probiotics to be scheduled for this month. Vetiver Grass is beginning to mature and could use a trimming from the landscapers. 2,335 bareroot Gulf Spike Rush to be planted in October. 2,335 one gallon size Duck Potato to be planted in October. Total Phosphorous in July was 780ppb.
5. Algaecide to be used next scheduled visit. Total Phosphorous in July was 790ppb.
6. Algaecide to be scheduled next visit. Continue with probiotics. Primrose Willow on floating mat is to be targeted using herbicide on next scheduled visit. Total Phosphorous for July was 1170ppb.
7. Algaecide to be used on next scheduled visit. Bottom right, Fran and I experimented with a "buffer line" between the beneficial plants. Some communities ask for this to be done for aesthetic purposes in hopes to have a cleaner separation between landscapers and aquatics. Total Phosphorous for July was 680ppb.
8. Algaecide to be scheduled next visit. Test plot plants are taking well. 1,130 bareroot Gulf Spikerush and 1,130 bareroot Duck Potato are to be planted in October. Total Phosphorous for July was 300ppb.
9. No action required at this time.
10. Surviving Smooth Cord Grass looks good as it begins to spread and mature. 1,686 one gallon containers of Smooth Cord Grass are to be planted in October.

Recommendations/Action Items

ASI is currently conducting a "2 year update" for Placido Bayou to discuss the changes in the health of the ecosystems. I would be more than happy to attend a board meeting and present a short 15 minute powerpoint for the community. I can also provide Placido Bayou with copies of the powerpoint for your records.

- 1) Physical removal of invasive weeds
- 2) Physical removal of invasive weeds
- 3) Target duckweed, grasses and algae. PBCA is to remove tree limb for ASI to acquire complete access to lake.
- 4) Target algae and use probiotics. Recommend trimming Vetiver Grass. 2,335 bareroot Gulf Spike Rush and 2,335 one gallon Duck Potato to be planted in October. 780ppb total phosphorous.
- 5) Target algae. 790ppb total phosphorous.
- 6) Target algae and use probiotics. Spray Primrose Willow on the floating mat. Total phosphorous at 1170ppb.
- 7) Target algae. Recommend deciding if PBCA likes the buffer look, even though some amounts of beneficial plants can be damaged. Total phosphorous 680ppb.
- 8) Target algae. 1,130 bareroot Gulf Spikerush and 1,130 bareroot Duck Potato planted in October. Total phosphorous 300ppb.
- 9) No action required.
- 10) 1,686 one gallon Smooth Cord Grass to be planted in October.

