



# Placido Bayou Community Association Waterway Inspection Report

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**Reason for Inspection:** Customer Request

**Inspection Date:** 10/16/2015

**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

Gulf Spikerush (beneficial) is growing in area where Alligatorweed and Torpedograss was physically removed. 150 Duck Potato were planted along perimeter in areas that required extra plants.

Site: 2



**Comments:** Site looks good

Alligatorweed was physically removed that was floating in the middle of pond. The beneficial plants are filling in well here. We will monitor for future algae growth.

Site: 3



**Comments:** Site looks good

Observed a successful herbicide spot treatment along the perimeter. The Alligatorweed and Torpedograss will continue to decompose next month. Beneficial Bulrush will now begin to establish this perimeter. 30 bare-root Gulf Spikerush were planted in this pond.

Site: 4



**Comments:** Normal growth observed

Algae from previous treatment appears to be decomposing. Algae will be continuously targeted in this pond.

Site: 5



**Comments:** Normal growth observed

Cattails and Torpedograss continue to decompose from previous treatment. Cattails along inflow area were physically removed. We will continue to treat Cattail regrowth in this area. Algae appears to be dying from previous treatment.

Site: 6



**Comments:** Requires attention

Extensive algae treatment with nutrient reducing agent is to be applied next visit. The Primrose on the floating mat will be physically removed, while the Alligatorweed is to be chemically treated. Dye is recommended for this pond.

Site: 7



**Comments:** Requires attention

The lighter areas of algae are dying from previous treatment. Follow-up treatment is necessary on this lake. The Bullrush that was physically removed is being controlled with herbicide while young Duckpotato fill in.

Site: 8



**Comments:** Requires attention

The lighter areas of algae are dying from previous treatment. Follow-up treatment is necessary on this lake. Areas on each side of outflow pipe are recommended to be treated. Torpedograss along perimeter is decomposing from prior treatment.

Site: 9



**Comments:** Site looks good

The pond looks great. I've notice very clear water clarity and native mollusks inside pond. Area along inflow pipe that had a Cattail removal remains clear of obstruction.

Site: 10



**Comments:** Site looks good

Lake is free of algae and shoreline grass. We will continue to monitor pond at this time.

**Management Summary**

## Summary by site:

1. Gulf Spikerush (beneficial) is growing in area where Alligatorweed and Torpedograss was physically removed. 150 Duck Potato were planted along perimeter in areas that required extra plants.
2. Alligatorweed was physically removed that was floating in the middle of pond. The beneficial plants are filling in well here. We will monitor for future algae growth.
3. Observed a successful herbicide spot treatment along the perimeter. The Alligatorweed and Torpedograss will continue to decompose next month. Beneficial Bulrush will now begin to establish this perimeter. 30 bare-root Gulf Spikerush were planted in this pond.
4. Algae from previous treatment appears to be decomposing. Algae will be continuously targeted in this pond.
5. Cattails and Torpedograss continue to decompose from previous treatment. Cattails along inflow area were physically removed. We will continue to treat Cattail regrowth in this area. Algae appears to be dying from previous treatment.
6. Extensive algae treatment with nutrient reducing agent is to be applied next visit. The Primrose on the floating mat will be physically removed, while the Alligatorweed is to be chemically treated. Dye is recommended for this pond.
7. The lighter areas of algae are dying from previous treatment. Follow-up treatment is necessary on this lake. The Bullrush that was physically removed is being controlled with herbicide while young Duckpotato fill in.
8. The lighter areas of algae are dying from previous treatment. Follow-up treatment is necessary on this lake. Areas on each side of outflow pipe are recommended to be treated. Torpedograss along perimeter is decomposing from prior treatment.
9. The pond looks great. I've notice very clear water clarity and native mollusks inside pond. Area along inflow pipe that had a Cattail removal remains clear of obstruction.
10. Lake is free of algae and shoreline grass. We will continue to monitor pond at this time.

**Recommendations/Action Items**

## Recommendations by site:

1. Restrict herbicide around young plants and spot spray invasives around beneficials.
2. Spot spray invasives around beneficials and monitor algae/duckweed growth.
3. Restrict herbicide use around young growth. Allow grasses to decompose from previous treatment and focus on allowing beneficial Bulrush to grow along perimeter.
4. Continue scheduled algaecide treatments.
5. Monitor regrowth of Cattails along perimeter and Treat any reoccurring algae and Torpedograss.
6. Apply and algaecide with a nutrient reducing agent to help establish longer term control. We will physically remove Primrose on the floating mat and treat the Alligatorweed with herbicide. Dye should be added to the pond.
7. Follow-up treatment is necessary on the filamentous algae due to the fact I saw 50% dying. Spot spraying along the perimeter is necessary to reduce invasives growing with the beneficials.
8. Follow-up treatment with algaecide is needed. Allow the dying Torpedograss to decompose inside the pond. Next month we should spray the Torpedograss and Bulrush growing on either side of the outflow pipe.
9. Monitor inflow pipe for future Cattail growth.
10. No action at this time.

I recommend we continue to monitor the success of our recently planted vegetation. This investment will prove for a more ecologically balanced retention pond. We should explore the possibility of planting other ponds inside Placido Bayou.

