



# Placido Bayou Community Association Waterway Inspection Report

---

**Reason for Inspection:** Customer Request

**Inspection Date:** 5/5/2015

**Prepared for:**

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

**Prepared by:**

Kyle Vincent, Service Manager  
Aquatic Systems, Inc. – St. Petersburg Field Office  
Corporate Headquarters  
2100 N.W. 33<sup>rd</sup> Street, Pompano Beach, FL 33069  
1-800-432-4302

Site: 1



**Comments:** Site looks good  
Day #1 of pumping down Sites #1, #2 and #3.

Site: 2



**Comments:** Normal growth observed  
Shoreline plants are now exposed. Likely stressed to some degree.

Site: 3



**Comments:** Site looks good

North end of site #3 is clearly in need of excavation!

Site: 4



**Comments:** Normal growth observed

Gulf Spikerush can be seen thriving in some areas now. Algae and submersed weeds also developing however. Depending on the replanting schedule a follow up treatment to the application made on 5/4 may be made next scheduled visit.

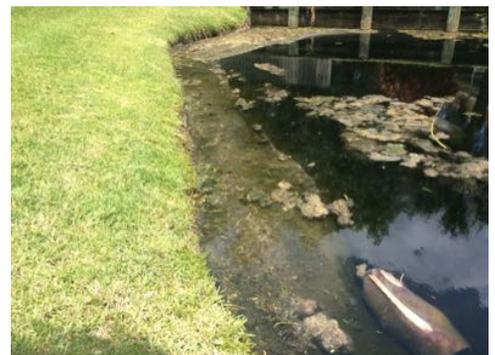
Site: 5



**Comments:** Normal growth observed

Trace algae observed. Normal at this time of year. Algaecide treatment was performed on 5/4. Results to show in 7-10 days.

Site: 6



**Comments:** Normal growth observed

Pond liner is a potential cause for planting failure and concern for replanting. Will need to discuss concerns and options before replanting occurs.

Site: 7



**Comments:** Normal growth observed

Overall condition is excellent. Trace algae and duckweed still present. Will continue to monitor for blooms.

Site: 8



**Comments:** Normal growth observed

Site was treated the previous day with peroxide based algacide. Discoloration is indicative of an effective treatment. Results in 7-10 days.

Site: 9



**Comments:** Site looks good

Alum treatment for sites #9 and #10 are being scheduled as soon as possible.

Site: 10



**Comments:** Site looks good

Higher salinity levels will require a more salt tolerant plant species for the replanting.

**Management Summary**

Overall things continue to look good moving into the month of May. At this time we have limited herbicide application on sites #1, #2 and #3 until the work being performed by Cardno Entrix is complete. Planting for these sites is pending completion of the bank project and until a consensus is reached regarding vegetation choice between all three (3) parties involved. Replanting for sites #4, #6 and #10 in the form of test plots is being scheduled as soon as possible. This may occur as early as this week (5/11-5/15). We are awaiting confirmation on the availability of plants selected.

Salinity levels for all sites have been taken and are listed below for your records. Delivery of Alum for sites #9 and #10 is also being scheduled as soon as possible. At this point we are simply waiting on delivery confirmation from the delivery company.

**Recommendations/Action Items**

Before proceeding with the implementation of any further Bacterial Enzyme products we would strongly encourage PBCA to begin with performing the bathymetric lake mapping on each site to:

1. Determine which sites would best benefit from enzyme/oxidizer application regimens
2. Create a baseline from which to monitor the progress achieved on an annual basis.

While the PVC sampling method is possible it is not practical in terms of labor or cost to either party. Sites #4 and #6 were only possible due to their relatively small size.

To that end, we would strongly recommend that we begin with sites #4 and #6 to get some semblance of a baseline to work with to more accurately monitor the progress being achieved with the existing regimens. While the PVC method can be used as an indication of the direction of movement, its accuracy and ability to paint a vivid picture is somewhat lacking.

As always, let us know if you have any questions. Thank you for choosing ASI!

