



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection: Customer Request

Inspection Date: 1/7/2015

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. 33rd Street, Pompano Beach, FL 33069
1-800-432-4302

Site: 1



Comments: Normal growth observed

Trace grasses in NE corner observed. Will be addressed in early February. No algae present at this time.

Site: 2



Comments: Normal growth observed

Planting for this site appears to be a complete success. Trace algae growth observed. Will begin to treat using peroxide based algaecide again in February.

Site: 3



Comments: Normal growth observed

Trace algae observed at North and South end. Treatment using peroxide based algaecide will be utilized in early February.

Site: 4



Comments: Normal growth observed

Planting on NE and West end of this site will require replanting in spring. South end of site appears to be doing well at this time. Recommend Arrowhead or Pickerelweed for replanting.

Site: 5



Comments: Site looks good
Site looks great. Planting for this site has been a success as well.

Site: 6



Comments: Normal growth observed
Trace algae observed. Planting for this site was unsuccessful. Likely due to water level at shoreline. Recommend either taller aquatic species or alternatively terrestrial species.

Site: 7



Comments: Site looks good
Beneficial's appear to be doing well at this site. Cypress will continue to be monitored through spring to ensure they have survived.

Site: 8



Comments: Normal growth observed
Overall site looks good. Trace amounts of duckweed will be addressed next visit.

Site: 9



Comments: Site looks good

No algae present. Trace amounts of debris will be removed as a courtesy next scheduled visit.

Site: 10



Comments: Site looks good

Planting at this site was largely unsuccessful. ASI would like to recommend replanting this site with several mangroves. This option would need to be carefully weighed and discussed further.

Management Summary

Overall Placido Bayou Community Association looked good for the month of January. Given the time of year, the recent plantings and application of Alum this is not surprising. Regular application of bacterial enzymes and oxidizer has begun for sites #4 and #6 and we look forward to the results in muck reduction this will achieve over the next several years. Given the limited presence of algae and the need to refrain from application of algaecide and herbicide during the first 90 days following the planting, efforts have been focused on keeping outflow structures clear of growth/blockages and the targeted clearing of invasive growth amongst beneficial's. In addition, pond shading has been strategically applied to help limit photosynthetic activity as much as possible beneath the surface.

February will mark the end of the 90 day restriction on herbicide application for sites planted and treatment will resume on an as needed basis. As always only the use of EPA approved algaecides and herbicides will be utilized and limited to those authorized by Florida Fish and Wildlife Conservation Commission in the permit issued for Placido Bayou Community Association.

Recommendations/Action Items

ASI would like to recommend several areas be considered for replanting in the spring including sites 4,6 and 10 specifically. A meeting on site is recommended to more accurately depict the specific areas and species that are suggested for replanting.

Several additional sites, conversely, are recommended for removal. These include sites 1,4, 6 and 7 targeting bulrush which is either decomposing, re-growing following a previous removal or generally blocking flow.

As always please feel free to contact us if there are any questions, comments or concerns that we can address. We understand there may be requests for additional testing. Please let us know where the interest is and we will make every effort to accommodate!

Thank you very much for choosing ASI. Looking forward to a wonderful 2015!

