



Placido Bayou Community Association Waterway Inspection Report

Reason for Inspection: Customer Request

Inspection Date: 4/1/2015

Prepared for:

Ms. Dietta Burgoyne

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Prepared by:

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Site: 1



Comments:

Normal growth observed

Inflow now clear of Bacopa. Duckweed and surface algae observed developing in trace amounts. Technician will focus his efforts to minimize the spread of these species utilizing algaecide and herbicide ASAP in April.

Site: 2



Comments:

Normal growth observed

Trace algae observed likely due to extremely shallow nature of perimeter. Likely also the reason for the high success rate of plantings in this site. Algae will be treated during next visit.

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Site: 3



Comments:

Requires attention
Trace amounts of algae and Duckweed also observed near culvert connecting sites #2 and #3.
Planned excavation of this area should help reduce this growth significantly. Treatment will occur at next scheduled visit.

Site: 4



Comments:

Requires attention
Duckweed is blooming rapidly in site #4 as seen here. Treatment is scheduled ASAP.

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Site: 5



Comments:

Requires attention
Trace Duckweed observed here as well. Will be treated ASAP. Beneficial's doing very well.

Site: 6



Comments:

Normal growth observed
Trace algae and Duckweed observed at very small amounts in site #6. Treatment requirement should be minimal at this time.

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Site: 7



Comments:

Requires attention
Grass clippings observed top right. Also present are Duckweed and algae. Bottom right is Torpedograss growing in area of new plantings. Careful application of systemic herbicide should bring this under control without collateral damage now that beneficial plants are established.

Site: 8



Comments:

Site looks good
Trace bottom to surface algae observed. Overall site is in excellent condition at this time.

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Site: 9



Comments:

Normal growth observed

Planktonic growth still observed although in far lower density. Recommend for priority in aeration evaluation and alum application. Pond shading will be applied for now.

Site: 10



Comments:

Site looks good

Shoreline mangroves no longer present. They would appear to be victim of a weed whacker. Otherwise site is in excellent condition.

Management Summary

Overall Placido Bayou's waterways are still looking very good on the whole, however several factors including rising air and water temperatures are lending to new blooms of duckweed and algae as evidenced in this months photos. We will be doing our very best to stay ahead of the curve in these areas and with everyone's help it should be possible. In addition, as per the agreement, we will be increasing our monthly site visits to twice monthly in order to better maintain Placido Bayou's systems during these warmer months.

While we cannot do anything about the rising temperature there are several factors that we can influence which are indicated below in our recommendation section.

Recommendations/Action Items

As April is one of the main fertilizer months here are some friendly reminders/requests:

1. We ask that everyone please be mindful of the changing weather patterns and avoid watering on days it will be raining.
2. Please use slow release fertilizers; fertilizers that do not contain nitrogen or phosphorus (iron) or use no fertilizers at all.
3. Please do not fertilize within 10 feet of any bank along a waterway.
4. Please perform regular inspections of your irrigation system for leaks and misdirected sprinklers to avoid reclaimed water going straight down the drain.
5. Please continue to mind pet waste.
6. Please don't throw direct grass clippings into the waterway. Keep them on the lawn as they can supply up to 50% of the Nitrogen your grass needs.
7. PLANT BUFFER ZONES! They will catch much of the runoff and prevent excess nutrients from entering the waterways.

