Tara CDD 1

Waterway Inspection Report

Reason for Inspection: Monthly required

Inspection Date: 9/12/2019

Prepared for:
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### Site: 1

**Comments:**
Normal growth observed
Development of Primrose and Torpedograss along the perimeter and within the littoral shelf.

**Action Required:**
Routine maintenance next visit

**Target:**
Shoreline weeds  
September, 2019

### Site: 13

**Comments:**
Requires attention
Moderate growth of Filamentous algae along the shoreline. Torpedograss development along the perimeter.

**Action Required:**
Treat within 7 days

**Target:**
Surface algae  
September, 2019

### Site: 22

**Comments:**
Requires attention
Site was observed with Filamentous algae, shoreline Torpedograss, and littoral Primrose during inspection.

**Action Required:**
Routine maintenance next visit

**Target:**
Shoreline weeds  
September, 2019
Site: 40

Comments:
Normal growth observed
Uprooting of submersed Babytears were observed along the perimeter floating at the surface. Minor Torpedograss development.

Action Required:
Routine maintenance next visit

Target:
Submersed vegetation

Site: 44

Comments:
Treatment in progress
Positive results were noted on the Alligatorweed along the wild side and golf coarse side. Treatment was completed using a boat.

Action Required:
Routine maintenance next visit

Target:
Shoreline weeds

Site: 23

Comments:
Treatment in progress
Hydrilla was observed growing throughout the site. Treatment is in progress.

Action Required:
Routine maintenance next visit

Target:
Shoreline weeds
Site: 48

Comments:
Normal growth observed
Development of Alligatorweed, Torpedograss, and minor filamentous algae along the shoreline and within the littoral area.

Action Required:
Routine maintenance next visit

Target:
Shoreline weeds

September, 2019

Site: 47

Comments:
Normal growth observed
Minor filamentous algae development observed. Littoral Torpedograss was observed and will be treated.

Action Required:
Routine maintenance next visit

Target:
Torpedograss

September, 2019

Site: 19

Comments:
Normal growth observed
Minor development of grasses and brush along the perimeter. Floating Salvinia was observed to be decomposing following treatment.

Action Required:
Routine maintenance next visit

Target:
Shoreline weeds

September, 2019
Comments:
Normal growth observed
Development of Torpedograss and Alligatorweed along the perimeter. Minor development of filamentous algae.

Action Required:
Routine maintenance next visit

Target:
Shoreline weeds

Management Summary
Of the 53 ponds on site at Tara CDD1, currently 10 require attention for excessive growth. Of the 10 ponds requiring attention, 5 will have undergone some sort of testing, resulting in remedial recommendations, which will be forwarded to the board for review. The remaining 40 ponds demonstrated low to normal growth levels and will receive routine maintenance during the visits this month.

Targets for Treatment:
Pond #1 - Littoral Primrose, shoreline Torpedograss.
Pond #13 - Surface Algae
Pond #8 - Littoral Weeds, shoreline weeds, and minor algae.
Pond #19 - Shoreline Weeds, floating Salvinia was treated during our recent visit.
Pond #44 - Alligatorweed was observed to be treated.
Pond #22 - Littoral weeds, and algae.
Pond #40 - Submersed Babytears, Torpedograss.
Pond #23 - Hydrilla was treated.
Pond #48 - Alligatorweed, Torpedograss, and minor algae.
Pond #47 - Alligatorweed, Torpedograss, and minor algae.

Pond #23 was observed with submersed Hydrilla growing along several areas of depth throughout the pond. Treatment was applied during one of our recent visits, which was observed to be displaying results during inspection. Hydrilla, identified within Pond #23, is a multi-branched perennial herb that is rooted, but often seen floating as it can reproduce through fragmentation. Introduced to Florida in the 1950's Hydrilla has become one of the most invasive weeds growing in the shallowest and deepest parts of Florida's lakes reaching stem lengths of over 30 feet. It crowds out native vegetation and forms dense canopies lowering the oxygen levels causing an anoxic environment and providing habitat for mosquito larva. Treatment for Hydrilla is a priority as spreading throughout the community through fragmentation, runners, tubers, and buds will occur if not treated.

5 of the ponds covered during this months inspection are receiving Restoration assessments, which include Ponds #8, #13, #19, #47, and #48. Final report should be ready within two weeks of the testing that will be completed next week. Results should give us the information necessary to provide means to confront the issues and create a plan for the association.

The conditions of the water in your lake affects the health of every living thing in it. A comprehensive consultation begins right at the water’s edge so that we can understand the current state of your lake, and what to begin testing for. Color, odor, algae, plants and other living organisms, even the neighborhood around the lake will tell a biologist a lot about your lake. Lakes often show deteriorating conditions due to increased urban influences, lake aging, and declining health or overuse of traditional treatment options that no longer work. Water quality testing will encompass all these factors and provide quantitative results that can be used and compared to provide long term solutions for your lakes.

Wildlife observed during this inspection includes White Ibis, Gallinules, Anhinga, Great Blue Heron, little blue Heron, turtle, alligator, and Great Egret.
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