

SOLITUDE

LAKE MANAGEMENT



Miromar Lakes CDD Waterway Inspection Report

Reason for Inspection: Routine Scheduled

Inspection Date: 2022-07-19

Prepared for:

**Miromar Lakes CDD
10160 Miromar Lakes Blvd.
Fort Myers, Florida 33913**

Prepared by:

Christina Kennedy, Aquatic Biologist

FORT MYERS FIELD OFFICE
SOLITUDELAKEMANAGEMENT.COM
888.480.LAKE (5253)

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Site: 1A

Comments:

Normal growth observed
Spot treat for vines and brush.
Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 1B

Comments:

Normal growth observed
Shoreline grasses and brush are well maintained, spot treat grasses and alligatorweed. Algae and aquatic weeds are at controlled levels. Some growth in littoral.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 1C

Comments:

Requires attention
Treat for shoreline grasses. Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 2A

Comments:

Treatment in progress
Shows improvement. Spot treat for vines, brush and grasses, treat thalia along fairway. Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 3A

Comments:

Treatment in progress
Much of the previous growth was treated continue to treat remaining, vines, grasses, and brush. Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 3B

Comments:

Requires attention
Shoreline grasses and brush are well maintained. Treat for marine naiad.



Action Required:

Routine maintenance next visit

Target:

Submersed vegetation

Site: 3C

Comments:

Requires attention

Treat for vines, grasses, and brush. Algae and aquatic weeds are at controlled levels. Minimal algae noted.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6A

Comments:

Requires attention

Treat for vines, and alligatorweed. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6B

Comments:

Normal growth observed

Shoreline grasses and brush are well maintained, minimal growth noted. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6C

Comments:

Normal growth observed

Spot treat minimal alligatorweed, and pennywort. Aquatic weeds are at controlled levels. Minimal surface algae noted.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6D

Comments:

Normal growth observed

Shoreline grasses and brush are well maintained, minimal growth noted. Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6E

Comments:

Site looks good

Shoreline is well maintained. Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 6F

Comments:

Normal growth observed

Spot treat torpedograss. Algae and aquatic weeds are at controlled levels. Traces of algae noted in littoral.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6G

Comments:

Normal growth observed

Spot treat shoreline for alligatorweed, and brush. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6H

Comments:

Requires attention

Treat for grasses and alligatorweed. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6I

Comments:

Normal growth observed

Spot treat torpedograss. Algae and aquatic weeds are at controlled levels. Minimal debris noted.



Action Required:

Routine maintenance next visit

Target:

Torpedograss

Site: 6J

Comments:

Requires attention

Treat for torpedograss and algae.



Action Required:

Routine maintenance next visit

Target:

Torpedograss

Site: 6K

Comments:

Requires attention

Treat for vines and torpedograss. Algae and aquatic weeds are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6L

Comments:

Normal growth observed

Shoreline is well maintained, minimal growth noted. Algae and aquatic weeds are at controlled levels. Trace algae noted.

Action Required:

Routine maintenance next visit

Target:

Surface algae



Site: 6M

Comments:

Site looks good

Shoreline grasses and brush are well maintained. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific



Site: 6N

Comments:

Site looks good

Shoreline grasses and brush are well maintained. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific



Site: 6O

Comments:

Requires attention

Treat alligatorweed, and grasses. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6P

Comments:

Requires attention

Treat for alligatorweed. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Alligatorweed



Site: 6R

Comments:

Site looks good

Shoreline grasses and brush are well maintained. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific



Site: 5/6-1

Comments:

Normal growth observed

Shoreline is well maintained, spot treat more isolated coves for grasses. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 5/6-2

Comments:

Site looks good

Shoreline is well maintained. Algae and aquatic weeds are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific



Site: 5/6-3

Comments:

Normal growth observed

Spot treat minimal torpedograss. Algae and aquatic weeds are controlled.

Action Required:

Routine maintenance next visit

Target:

Torpedograss



Site: 5/6-4

Comments:

Normal growth observed

Spot treat minimal torpedograss, and treat in more isolated coves and canals. Algae and aquatic weeds are controlled.

**Action Required:**

Routine maintenance next visit

Target:

Torpedograss

Management Summary**Observations and Action Items:**

- The main issues found during the inspection were the growth of shoreline weeds, growth is improved compared to last quarter and was not too severe in most lakes. Targets include: alligatorweed, vines, torpedograss, growing with the beneficial littoral plants. The shoreline buffer around the golf course lakes may be unintentionally contributing to the weed growth since the buffer can act as a seed source and it is in close proximity to the lake littoral plants. The buffer can help reduce fertilizer entering the ponds and help mitigate erosion but can exacerbate weed growth in beneficial littorals.
- Algae growth was fairly limited, spot treat marine naiad at sites 3B.
- The large washout noted in the NE corner of lake 6A, appeared to be under repair.
- The next quality control report will be due July 2022.

Site	Comments	Target	Action Required
1A	Normal growth observed	Shoreline weeds	Routine maintenance next visit
1B	Normal growth observed	Shoreline weeds	Routine maintenance next visit
1C	Requires attention	Shoreline weeds	Routine maintenance next visit
2A	Treatment in progress	Shoreline weeds	Routine maintenance next visit
3A	Treatment in progress	Shoreline weeds	Routine maintenance next visit
3B	Requires attention	Submersed vegetation	Routine maintenance next visit
3C	Requires attention	Shoreline weeds	Routine maintenance next visit
6A	Requires attention	Shoreline weeds	Routine maintenance next visit
6B	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6C	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6D	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6E	Site looks good	Species non-specific	Routine maintenance next visit
6F	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6G	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6H	Requires attention	Shoreline weeds	Routine maintenance next visit
6I	Normal growth observed	Torpedograss	Routine maintenance next visit
6J	Requires attention	Torpedograss	Routine maintenance next visit
6K	Requires attention	Shoreline weeds	Routine maintenance next visit
6L	Normal growth observed	Surface algae	Routine maintenance next visit
6M	Site looks good	Species non-specific	Routine maintenance next visit
6N	Site looks good	Species non-specific	Routine maintenance next visit
6O	Requires attention	Shoreline weeds	Routine maintenance next visit
6P	Requires attention	Alligatorweed	Routine maintenance next visit
6R	Site looks good	Species non-specific	Routine maintenance next visit
5/6-1	Normal growth observed	Shoreline weeds	Routine maintenance next visit
5/6-2	Site looks good	Species non-specific	Routine maintenance next visit
5/6-3	Normal growth observed	Torpedograss	Routine maintenance next visit
5/6-4	Normal growth observed	Torpedograss	Routine maintenance next visit



