

SOLITUDE

LAKE MANAGEMENT



Miromar Lakes CDD Waterway Inspection Report

Reason for Inspection: Routine Scheduled

Inspection Date: 2023-04-19

Prepared for:

**Miromar Lakes CDD
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Site: 1A

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 1B

Comments:

Requires attention

Treat for torpedogras and annual weeds. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 1C

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 2A

Comments:

Normal growth observed
Shoreline is well maintained. Spot treat minimal torpedograss. Treatment for bulrush was effective. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Torpedograss

Site: 3A

Comments:

Treatment in progress
Treatment for shoreline weeds is in progress. Algae and submersed vegetation are at controlled levels.



Action Required:

Re-inspect next visit

Target:

Shoreline weeds

Site: 3B

Comments:

Normal growth observed
Shoreline is well maintained. Spot treat torpedograss in littorals. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Submersed vegetation

Site: 3C

Comments:

Requires attention

Spot treat pennywort and torpedograss within the littorals. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6A

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat for minimal vines. Algae and submersed vegetation are at controlled levels. Minimal algae noted, monitor and treat as needed.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6B

Comments:

Treatment in progress

Treatment for torpedograss is in progress. Continue to treat as needed. Algae and submersed vegetation are at controlled levels.

Action Required:

Re-inspect next visit

Target:

Torpedograss



Site: 6C

Comments:

Treatment in progress
Treatment for torpedogras is in progress. Continue to treat as needed. Algae and submersed vegetation are at controlled levels



Action Required:

Routine maintenance next visit

Target:

Torpedogras

Site: 6D

Comments:

Requires attention
Spot treat for torpedogras and annuals in littorals. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6E

Comments:

Normal growth observed
Spot treat for dog fennel and annuals in littorals. Algae and submersed vegetation are at controlled levels.



Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6F

Comments:

Requires attention

Spot treat for pennywort and torpedograss in littorals. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6G

Comments:

Requires attention

Spot treat for vines and torpedograss in littorals. Algae and submersed vegetation are at controlled levels. Minimal algae noted, treat as needed.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6H

Comments:

Treatment in progress

Treatment for torpedograss is in progress. Continue to treat torpedograss on the north side of the lake. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Torpedograss



Site: 6I

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat for pennywort. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Pennywort



Site: 6J

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat minimal torpedograss. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Torpedograss



Site: 6K

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat minimal torpedograss. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Torpedograss



Site: 6L

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat minimal torpedograss on the west side. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Torpedograss



Site: 6M

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Marine naiad appears to be dying off, monitor and treat as needed.

Action Required:

Routine maintenance next visit

Target:

Submersed vegetation



Site: 6N

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat minimal torpedograss. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Torpedograss



Site: 6O

Comments:

Treatment in progress

Treatment in progress for torpedograss, annuals and vines. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6P

Comments:

Normal growth observed

Shoreline is well maintained. Spot treat minimal pennywort and alligator weed. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 6R

Comments:

Requires attention

Spot treat for pennywort, torpedograss and vines. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds



Site: 5/6-1

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Vallisneria and southern naiad observed, monitor and treat as needed

Action Required:

Routine maintenance next visit

Target:

Submersed vegetation



Site: 5/6-2

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Vallisneria and southern naiad observed, monitor and treat as needed

Action Required:

Routine maintenance next visit

Target:

Submersed vegetation



Site: 5/6-3

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Vallisneria and southern naiad observed, monitor and treat as needed

Action Required:

Routine maintenance next visit

Target:

Submersed vegetation



Site: 5/6-4

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Vallisneria and southern naiad observed, monitor and treat as needed.

Action Required:

Routine maintenance next vis:



Target:

Submersed vegetation

Management Summary

Observations and Action Items:

- The main issues found during the inspection were the growth of shoreline weeds. Targets include: torpedograss, vines, annual weeds and pennywort. Sites with shoreline weeds will be prioritized during the next few visits. 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. The majority of the weed issues were noted on the lakes on the golf course.
- No major algae blooms were observed during this inspection.
- Midge flies were treated along Portofino and Peninsula shoreline
- The next quality control report will be due July 2023.

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



