

MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT

**Monthly Asset Manager's Report
November 2023**

Prepared For:
**James Ward
District Manager**

Prepared By:



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A SAFEbuilt® COMPANY

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**MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT**

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MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT

I. PURPOSE

The purpose of this report is to provide the District Manager with an update on recent inspection-related activities. We will continue to provide updated monthly inspection reports on the status of ongoing field activities.

II. CURRENT ASSET UPDATES

1. Lake Maintenance
2. Capital
3. Corrective Actions

1. Lake Maintenance

- At Miromar Lakes the grasses, brushes, and invasive weeds were treated along the southern shoreline of lake 5, northern shoreline of lake 6, beach club and lakes 6F, 6J, and 6K.
- Torpedo grass along some of the Peninsula/Portofino canals was selectively treated as well. Planktonic algae were treated in lakes 6J, 6R, 3D, and 6K. Lake dye was added to lake 3D to aid in algae control and to improve aesthetics.
- Lake 3D continues to have planktonic algae blooms even after previous treatments and dye. A sample was taken to determine what is influencing the consistent blooms. Results will help the aquatic vendor determine a suitable treatment plan.
- Additionally, floating eel grass stems blown into the coves of the peninsula marina were treated. Submerged aquatic vegetation (Marine Naiad) that remained along the peninsula beach shoreline was treated as well. Treatment for submerged aquatic vegetation in the peninsula coves has appeared to be effective. More monitoring will be needed next month by both, to determine if the area needs follow-up treatment.
- Water levels were normal but higher than last month. Most likely due to recent rain. Site inspections were conducted on all other lakes and sites.

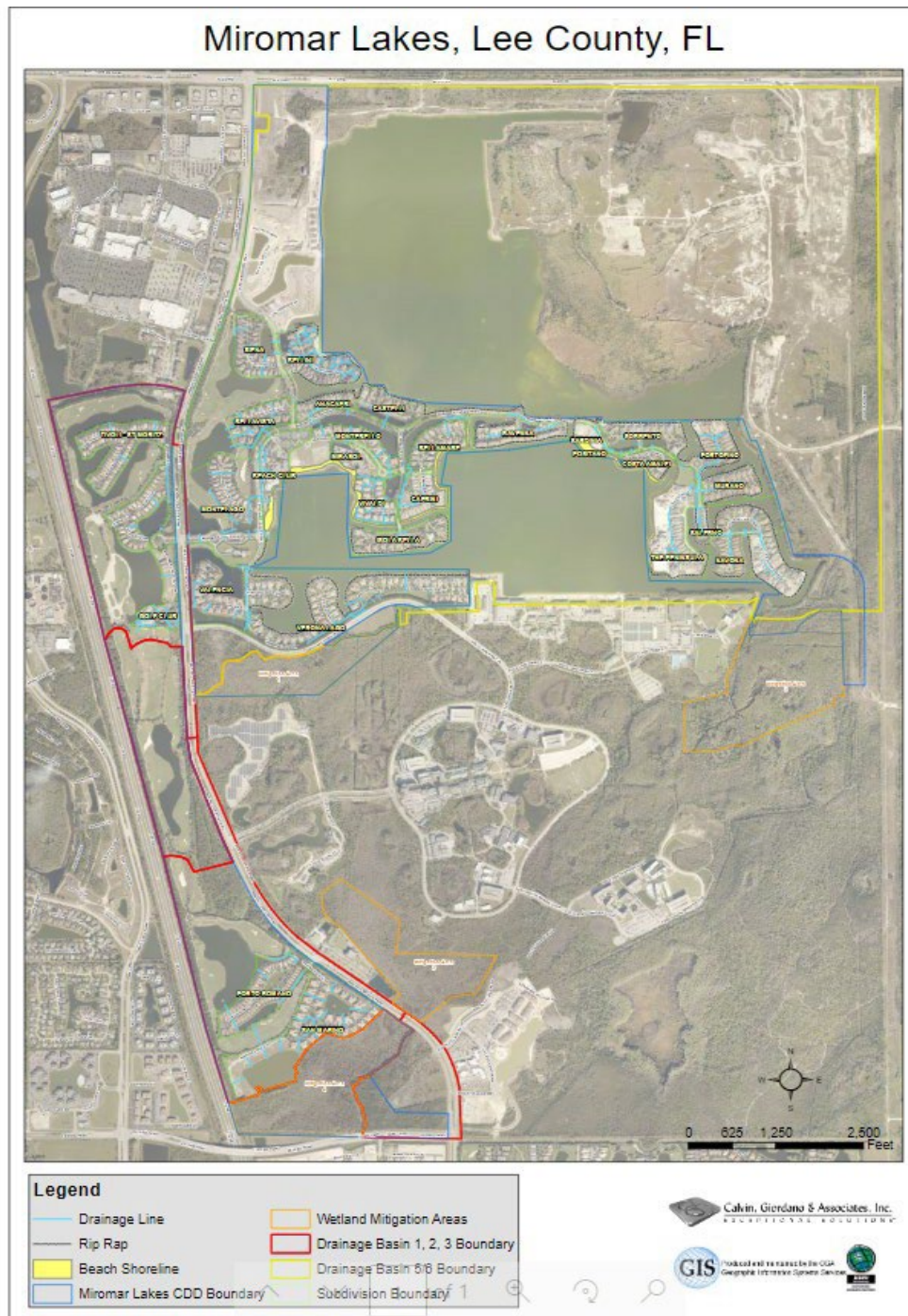
2. Capital

- The recent vegetation treatments around the peninsula have done a good job at knocking back the vegetation. In these same areas, planktonic algae started growing as the vegetation died. Over the past month the aquatic vendor needs to better define where and when to treat versus where and when to tolerate vegetation growth. Moving forward, the idea is to minimize planktonic algae growing as a result of vegetation treatments by treating them sooner when applicable.
- The emergent vegetation installed earlier this year is doing well and is advancing as desired.
- The aquatic vendor will finish drafting the 2024 management recommendations and should have this back the first week in December.

3. Corrective Actions

- Aquatic vendor needs to continue their efforts in controlling spike rush and algae. The CDD staff will continue to push the aquatic vendor to maintain the lakes to the CDD standard.
- Periodic inspection of Ravenna riprap shoreline installation will take place.

III. LOCATION MAP



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IV. DISTRICT ASSET MANAGERS PHOTOS



Grasses that need attention in San Marino Lake.



Riprap repair in the Ravenna community.



Riprap repair in the Ravenna community.



Riprap repair in the Ravenna community.