

***MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT***

**Monthly Asset Manager's Report
October 2025**

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A SAFEbuilt® COMPANY

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**MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT**

TABLE OF CONTENTS

I.	PURPOSE	3
II.	CURRENT ASSET UPDATES	3
III.	LOCATION MAP.....	8

**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 & Landscaping
2. Fishery
3. Cane Toad Program

1. Lake Maintenance & Landscaping

- **Landscaping:**
 - CDD staff performed an inspection of the recently planted landscaping installed by the HOA on CDD property. Overall, the plantings appear healthy, and staff will continue to monitor conditions, especially as we transition into the dry season.
- **Shoreline Weeds:**
 - The shorelines of Sorrento, Portofino, Murano, Salerni, Navona, The Peninsula, Costa Amalfi, Positano, and Sardinia were treated for shoreline vegetation.
 - Littorals (Gulf spikerush) were treated around dock areas.
 - Lakes 1A, 1B, 1C, 2A, 3A, 3B, and 3C received treatments for torpedo grass, umbrella sedges, small cattails, and other shoreline weeds.
- **Algae:**
 - Lake 6R received a follow-up treatment for planktonic algae. Results will be monitored to determine if additional treatment is required.
- **Submerged Vegetation:**
 - Treatments were performed over the waterski course, along the Costa Amalfi, Positano, and Sardinia shorelines, and at the mouth of the Bellini and Anacapri/Castelli channels.
 - A one-time submerged vegetation treatment of the North and South lakes began this month, with work continuing through November.
- **Other Maintenance:**
 - Preserve/wetland treatments are scheduled for the week of 10/27.
 - Quarterly waterway inspection is scheduled for 10/31.
 - Fountain and aeration system maintenance is scheduled for the week of 10/27.
 - One remaining service visit is scheduled for this month.
 - Apple Snail treatment is ongoing and CDD staff will continue to monitor problematic areas.



Apple Snails



Recently Completed Geotubes

2. Fishery

- The existing vegetation coverage is estimated at approximately 130 acres, based on the vendor's observations and the most recent vegetation mapping data. Given the continued expansion in both acreage and biomass of submersed vegetation, it is recommended that an additional 200 Grass Carp be stocked. This would bring the estimated population to 8.5–10 carp per vegetative acre.
- This combined approach—stocking Grass Carp and applying targeted aquatic herbicide treatments—remains the most effective strategy for maintaining balanced vegetation levels.
- Additional Grass Carp stocking in 2026 will likely be necessary, depending on vegetation trends observed during Q1 mapping and field inspections.



Problematic submerge vegetation

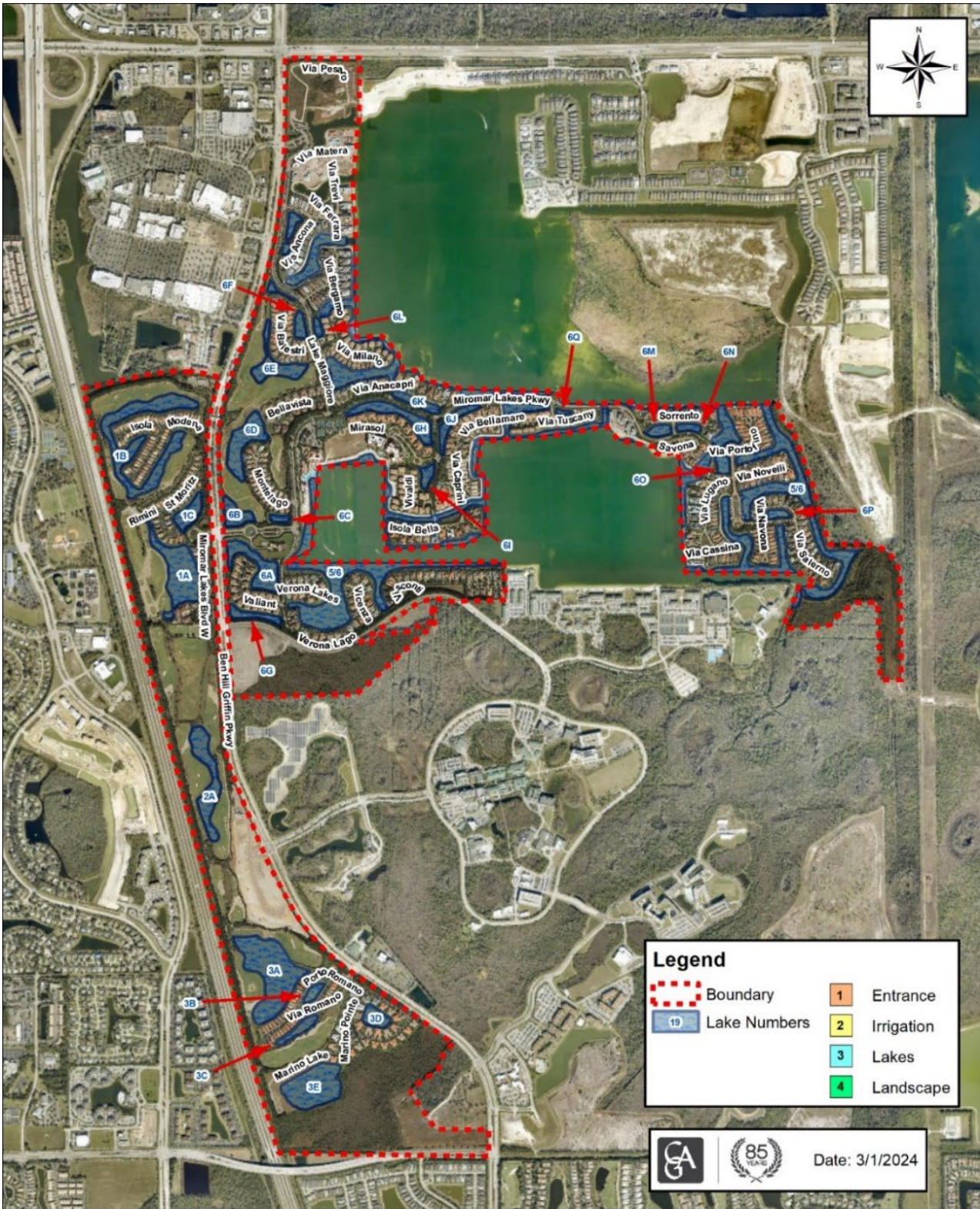


Fishery Program

3. **Cane Toad Program**

- Breeding and larval activity remained consistent through October, with increased strand formation observed mid to late month. The heaviest concentrations occurred in:
 - 6E–6F (Siena)
 - 6H (Montebello)
 - 6K (Castelli)Each of these areas required multiple removals.
- Smaller tadpole pockets were observed and treated in Lagoon 1 (Trevi) and Lagoon 3 (Bellini), while Lagoon 4 (Volterra/Anacapri) showed light but recurring activity.
- Juvenile toads were most common near Vivaldi and the main entrance lake, particularly during evening inspections. Box traps continued to capture moderate adult movement.
- A Muscovy duck was observed in Lagoon 2 (Cortona/Ancona), and a small alligator was seen and reported in 6K (Castelli). Breeding activity remains ongoing but appears to be gradually slowing as seasonal conditions shift.

4. Location Map



Miromar Lakes CDD - Engineer's Report Asset Map