

***MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT***

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

Prepared For:

James Ward
District Manager

Prepared By:

Richard Freeman



Calvin, Giordano & Associates, Inc.

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. Fishery
3. Cane Toad Program

1. Lake Maintenance

- **Shoreline Weeds:** All CDD lakes were treated for torpedo grass and other invasive weeds such as alligator weed, dog fennel, water sprite, ragweed, and vines. All beach shoreline areas were treated this month for shoreline weeds. All golf course lakes were inspected and treated this month for shoreline weeds. The east preserve side between Miromar and Esplanade Lake Club was treated for torpedo grass.
- **Algae:** Lakes #6S and 6R were treated this month for planktonic algae. These lakes were problematic last year around this time. These lakes may need additional follow-up treatments. Ongoing monitoring will continue.
- **Submerged Vegetation:** Submerged vegetation was treated this month around the preserve area in the north lake and also along the eastern channel along the preserve side.
- **Other:** The submerged vegetation mapping survey will be conducted on Monday 9/27. Quarterly wetland/preserve maintenance will be scheduled next month.



Current conditions at the control weir

2. Fishery

- In recent weeks the water levels have risen a fair amount. Vegetation that was reaching the surface is likely underwater again. This vegetation should be treated with herbicides, since as the water level recedes, or the vegetation grows, it will top out again.
- The lake will be mapped again on Monday the 29th. Once the data is received the vendor can make more specific recommendations related to stocking additional Grass Carp. That said, a better approach than adding more Grass Carp at this time will be to treat the vegetation more aggressively with herbicides. Ideally 50 acres of vegetation throughout the lake would be treated with herbicides. This will help to slow the plants momentum, allowing us to build the Grass Carp population more gradually.



Fish population

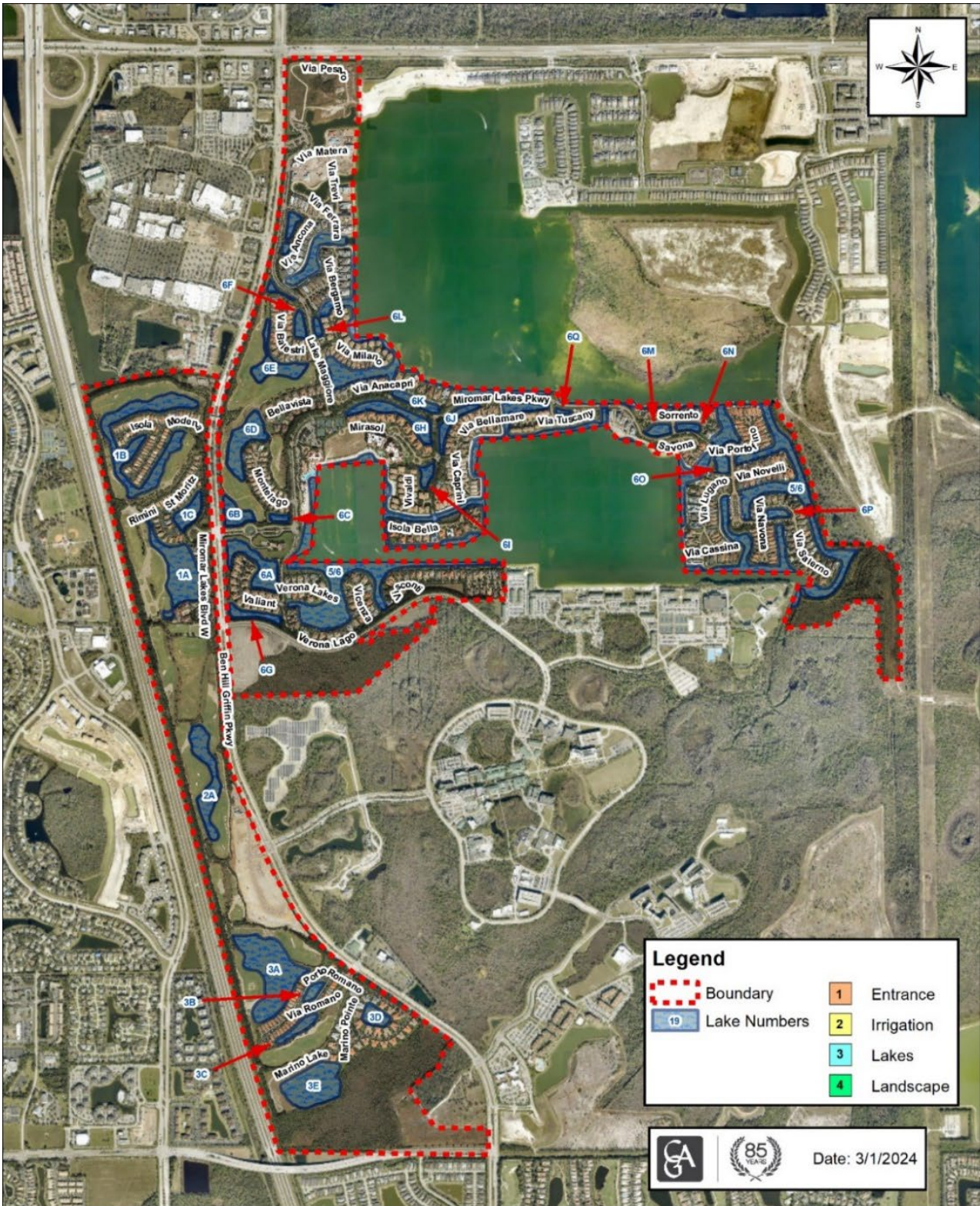


Fish population

3. Cane Toad Program

- September showed continued high activity, with box trap captures of adults also increasing.
- **Primary hotspots:** Lakes 6K (Castelli) and 6J (Bellamare) produced dense tadpole strands, with algae mats slowing removal efforts.
- **Additional zones:** Lagoon 1 (Trevi) and Lagoon 4 (Volterra/Anacapri) regrew strands rapidly after rainfall, requiring repeated treatment.
- **Other areas:** The Botanical Gardens pond and northern Siena pond also required coverage following storms.
- **Juvenile emergence:** Small toads were frequently noted along Bellamare and Montebello shorelines after wet periods.
- **Box trap activity:** Adult captures from box traps rose compared to August, reflecting stronger nocturnal movement during damp evenings.
- **Wildlife note:** An alligator was observed in Lagoon 2 (Cortona/Ancona) and reported to staff.

4. Location Map



Miromar Lakes CDD - Engineer's Report Asset Map