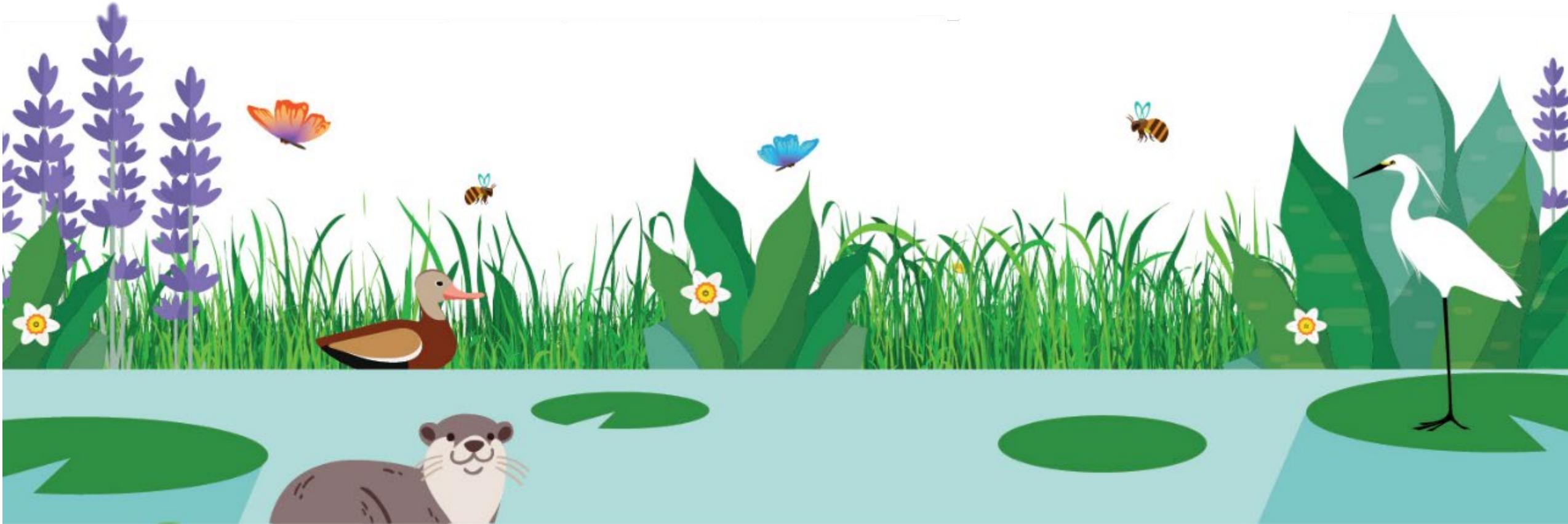


Nature's Utility

Constructed Wetlands for a Resilient Water Future



GRU Overview

Water Service

- 200,000 people
(3/4 of Alachua County population)
- UF, SFC, hospitals & businesses

Water Reclamation

- Receives wastewater from 185,000 people throughout the community
- Collect, treat, and beneficially reuse

Goal: Environmental, Economic, and Social Sustainability

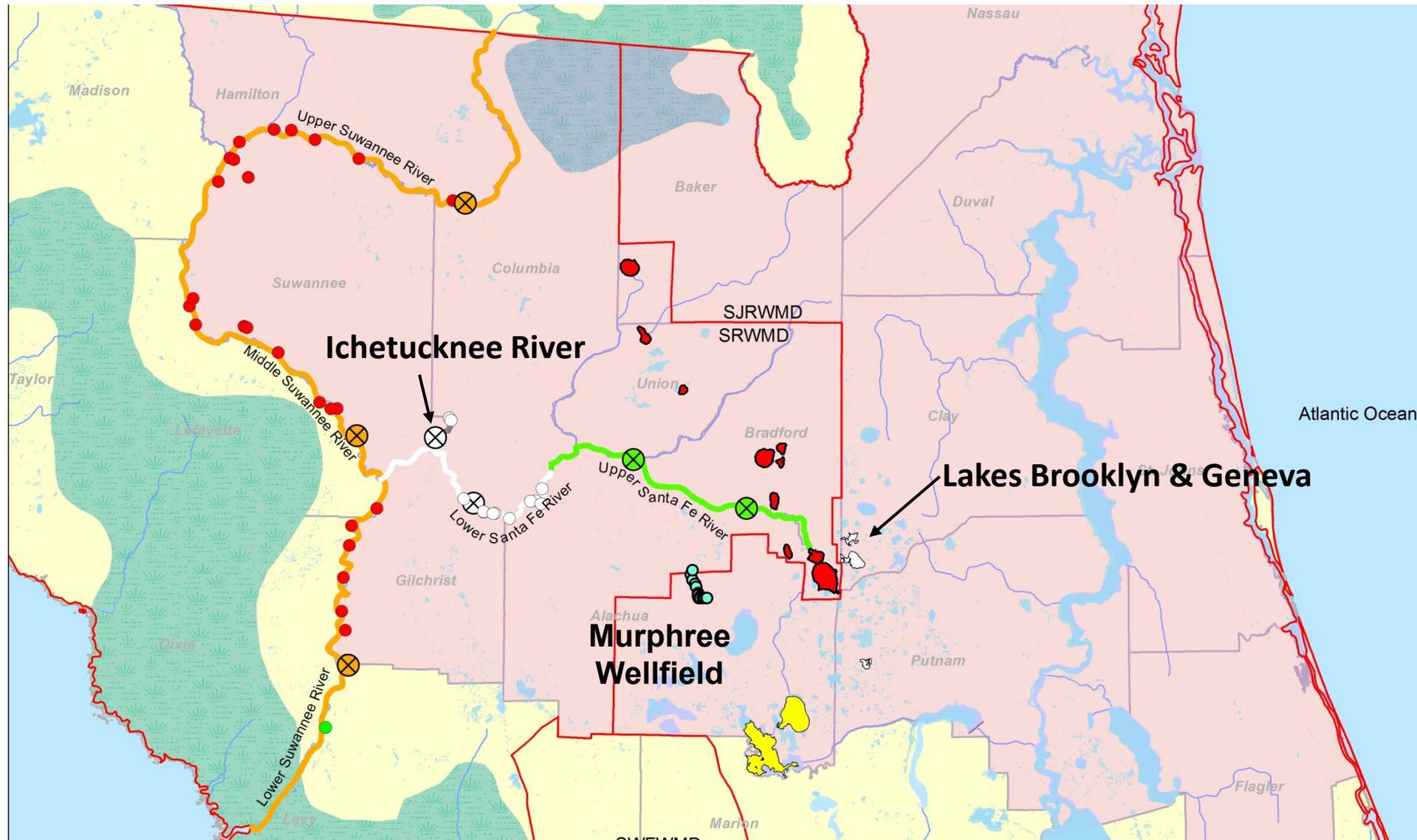


Community Water Challenges

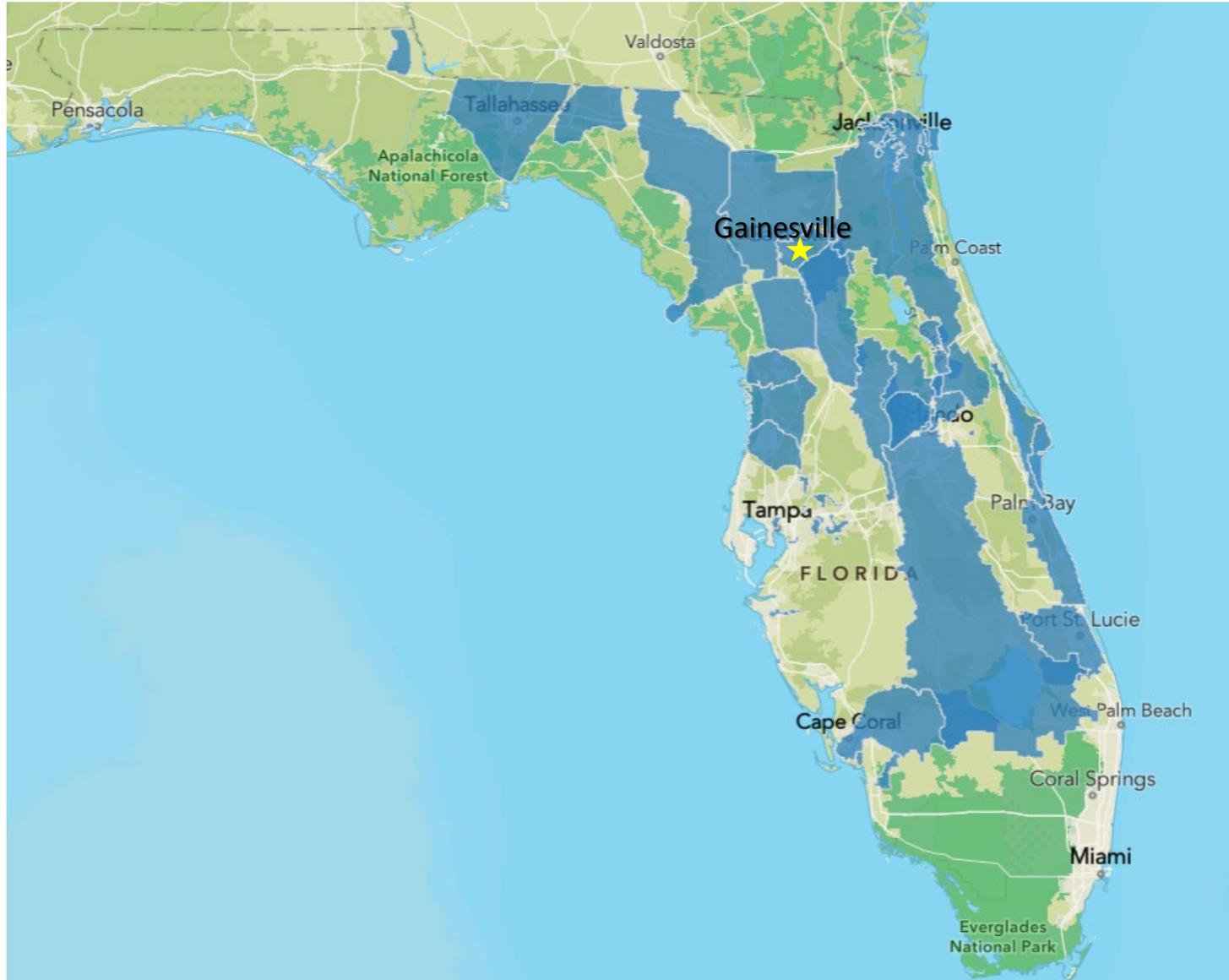
- Expect 40,000 to 50,000 new residents to the region over next 20 years
(20-25% population increase)
- Need to protect springs, lakes, and rivers



Current and Future MFLs in North Florida Region



Florida BMAP Areas



Water Resource Strategy

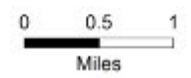
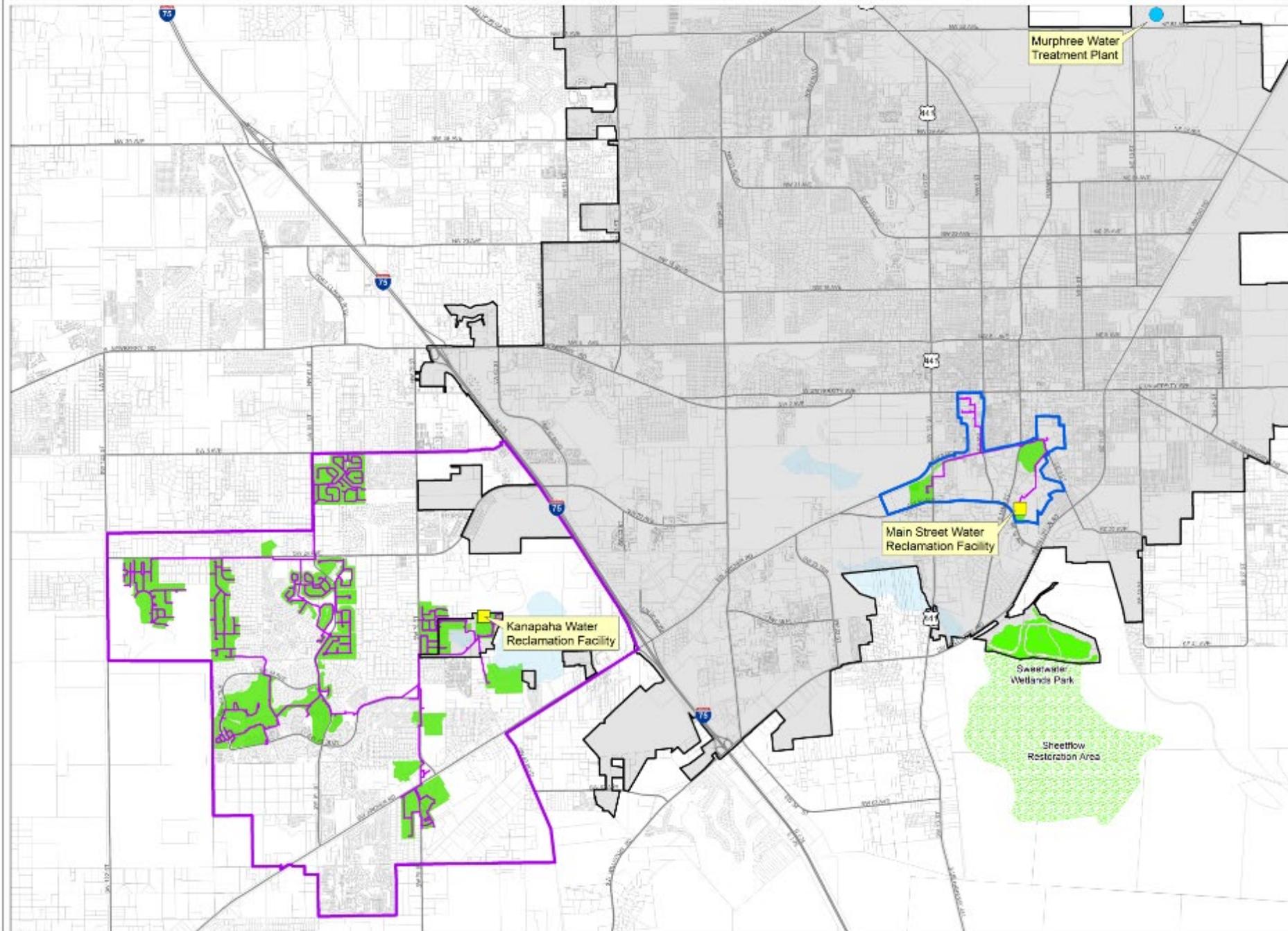
Water Conservation

Water Reuse

- Irrigation - instead of groundwater
- Environmental Restoration
- Aquifer Recharge



GRU Reclaimed Water Service Areas



- Treatment Plant (WRF)
- Existing RCW Service
- Existing Reclaimed Water Mains
- Kanapaha WRF Service Area
- Main Street WRF Service Area
- City Limits



2. The Florida Department of Utilities has prepared this plan under contract to GRU. It is not intended to be, and it should not be used, as a basis for any other project. GRU and its employees are not responsible for errors or omissions in this plan. Further information may be obtained by contacting the Planning Department by calling 352-385-1286.

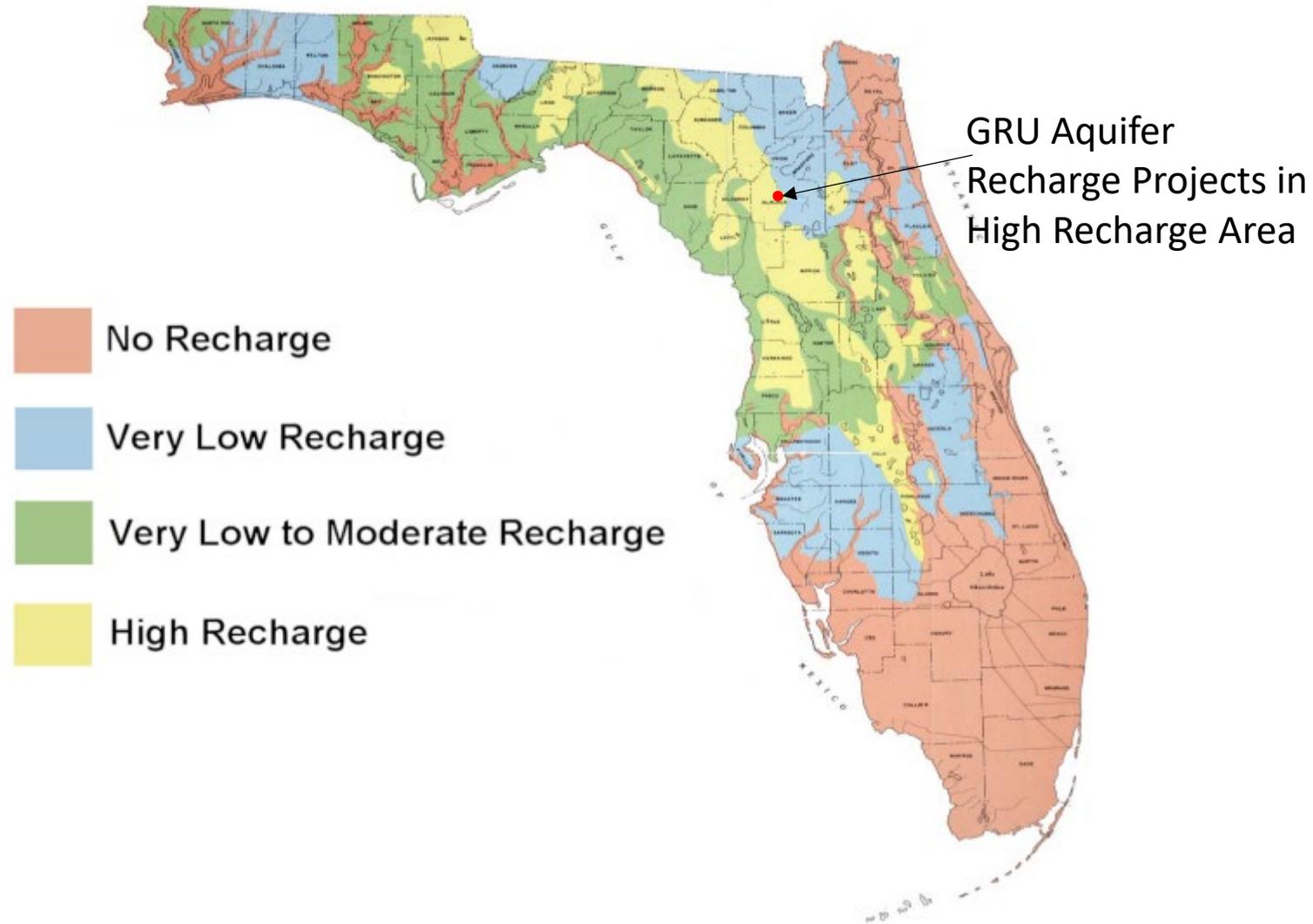
PLANNED BY: GRU
DATE: 08/20/2014
PROJECT: RECLAIMED WATER SERVICE AREAS

Sweetwater Wetlands Park

- 274 acres
- 0.5 mile boardwalk
- Restrooms
- 3.5 miles of trails
- 8 Shade Pavilions

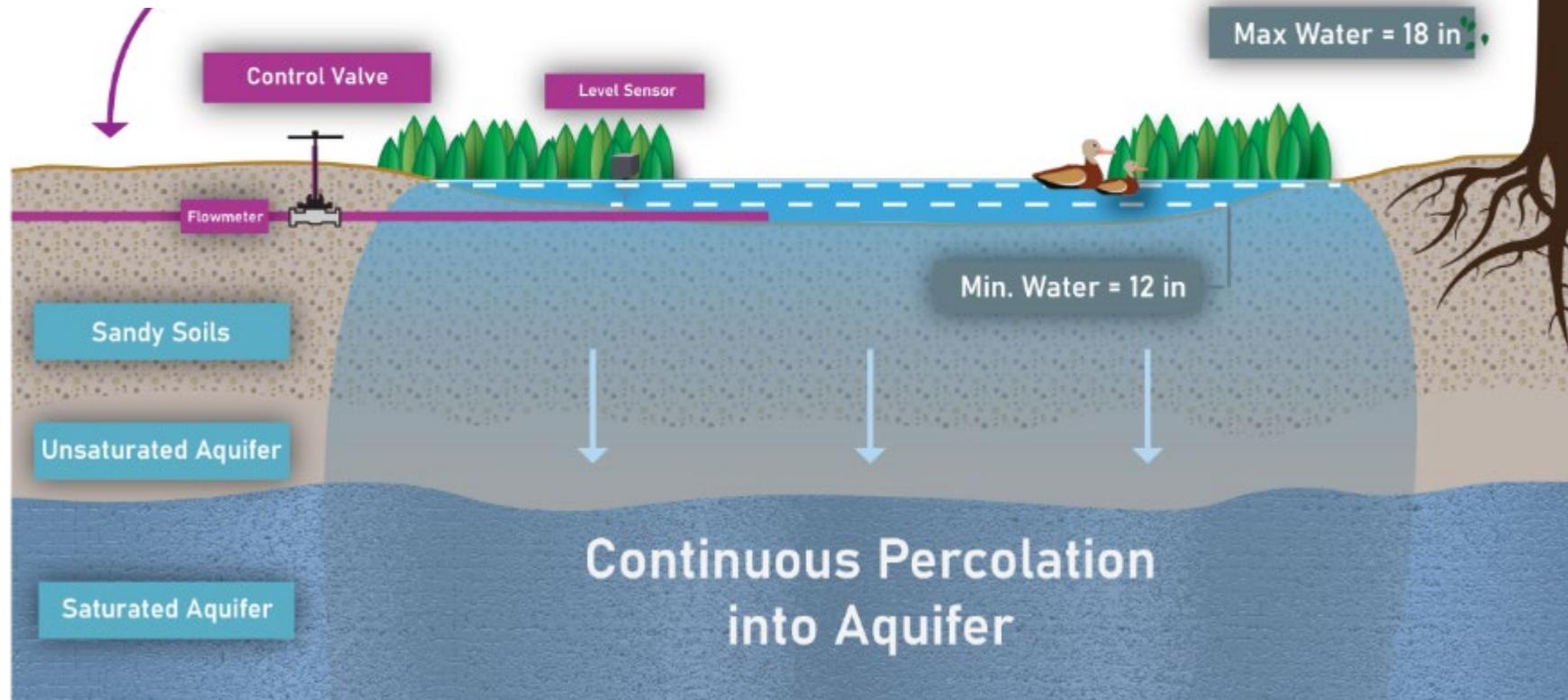


Floridan Aquifer Recharge Map



Groundwater Recharge Wetland Concept

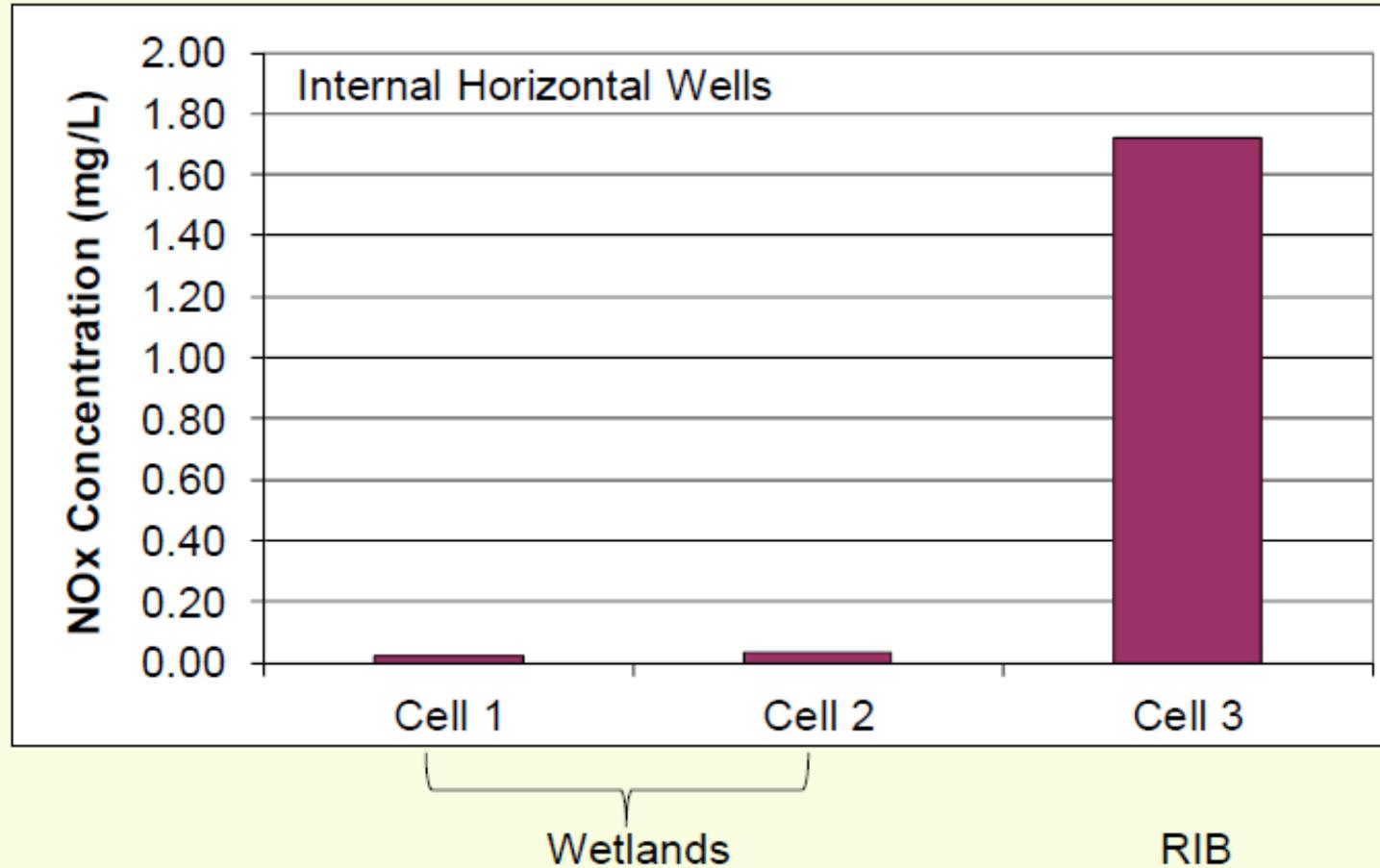
Reclaimed Water



GRU Kanapaha Wetlands



Kanapaha Water Reclamation Facility
Groundwater Recharge Wetland
Gainesville Regional Utilities



Lake City Wetland



Ocala Wetland Recharge Park



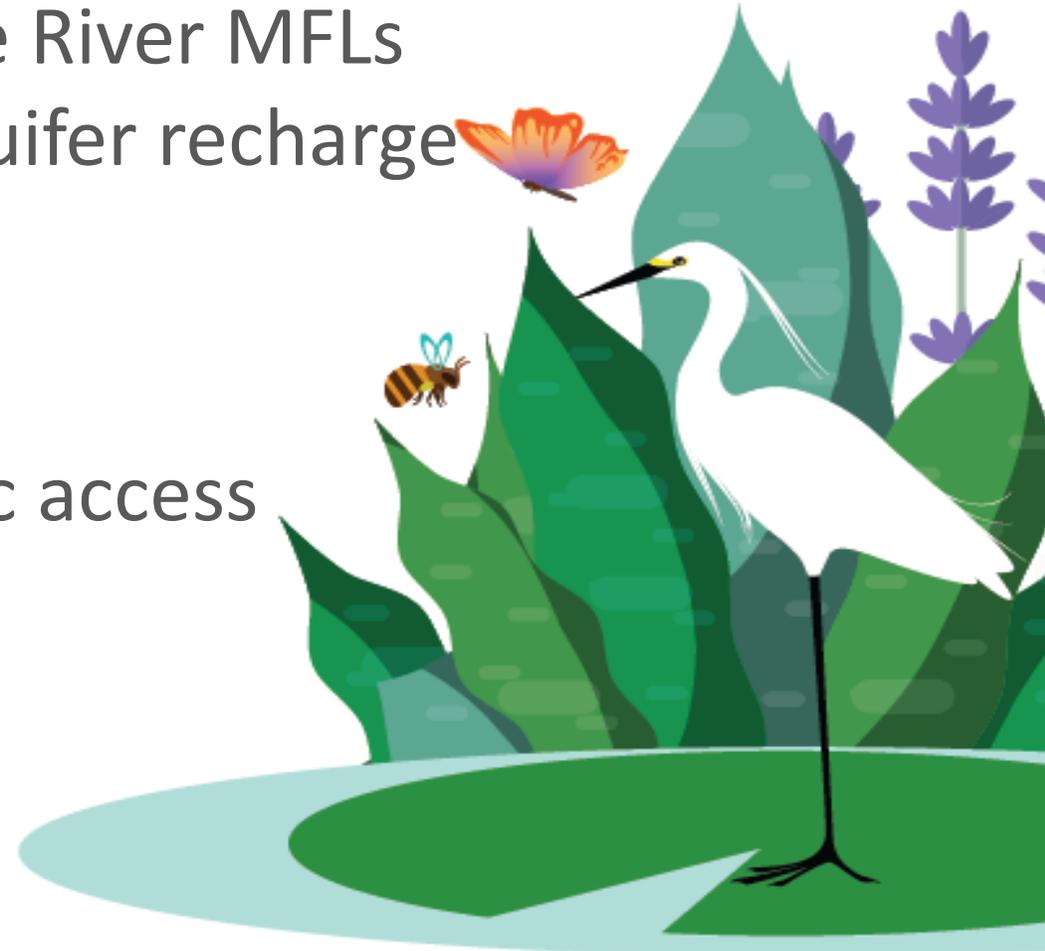
- 60 acre site
- 33 acres of wetland
- 3 wetland cells
- 3-5 MGD recharge capacity





Project Background

- Cost Share Partnership with FDEP & SRWMD
- North Florida Regional Water Supply Plan
- Help to meet Santa Fe and Ichetucknee River MFLs
- Increases beneficial reuse/provides aquifer recharge
 - 3 MGD Current Project
 - 5 MGD Buildout
- Capacity for future growth 20+ years
- Alachua County plans to manage public access



Gainesville Regional Utilities, Groundwater Recharge Wetland Park

Project site

Diamond Sports Park
ACPS Property

SW 122ND ST

Oakmont
Elementary

OAKMONT

Wilds
Plantation

SW 24TH AVE

Haile
Plantation

SW 91ST ST

Garrison
Way

KANAPAHA
WRF

KANAPAHA
BOTANICAL
GARDENS

KANAPAHA
MIDDLE
SCHOOL

Haile
Plantation

SW 44TH AVE

SW 104TH TER

SW 46TH BLVD

SW 63RD
BLVD

SW ARCHER RD

SW 75TH
TER

SW 75TH
ST



GRAPHIC LEGEND

Project Site

RCW Main

RCW Areas



NORTH

0 0.25 0.5 Miles



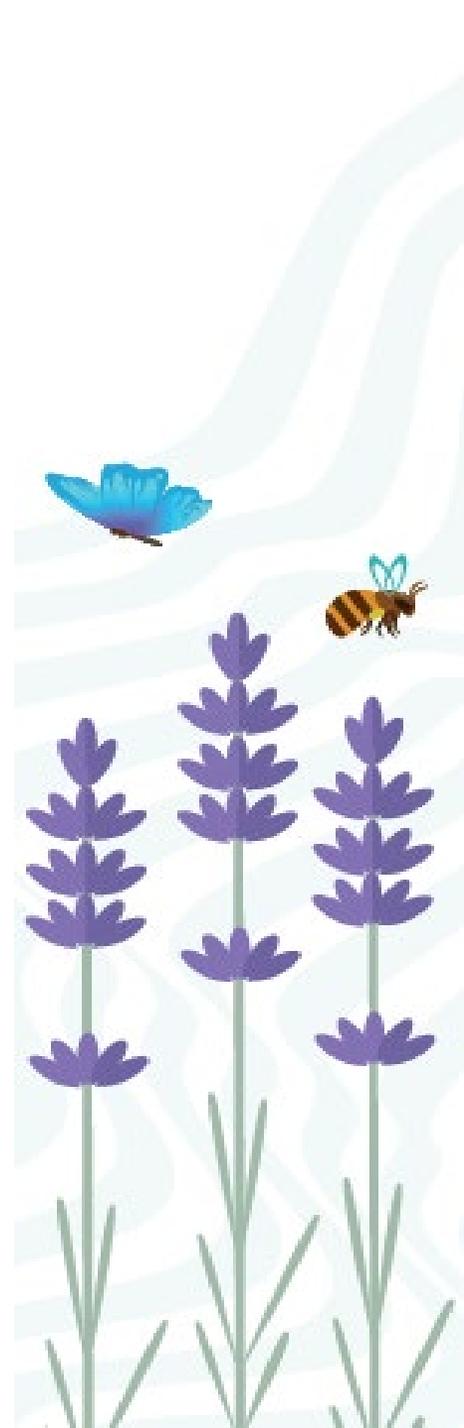
Project Cost

- Property acquisition \$2M completed in Jan 2021
- Permitting, design & construction \$12 to \$14M
- FDEP/SRWMD funding 50 percent of project cost
- GRU will apply for additional funding opportunities



Schedule

Schedule	Calendar Year
Purchase Property	2021 (complete)
Select Design-Build Team	2022 (complete)
Design, Permitting & Stakeholder Outreach	2022-2025
Wetland Design & Permitting	2026
Wetland Construction	2027-2028
Wetland Establishment & Project Completion	2029





Thank you

Want to learn more?

Visit: southwestnaturepark.com

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