



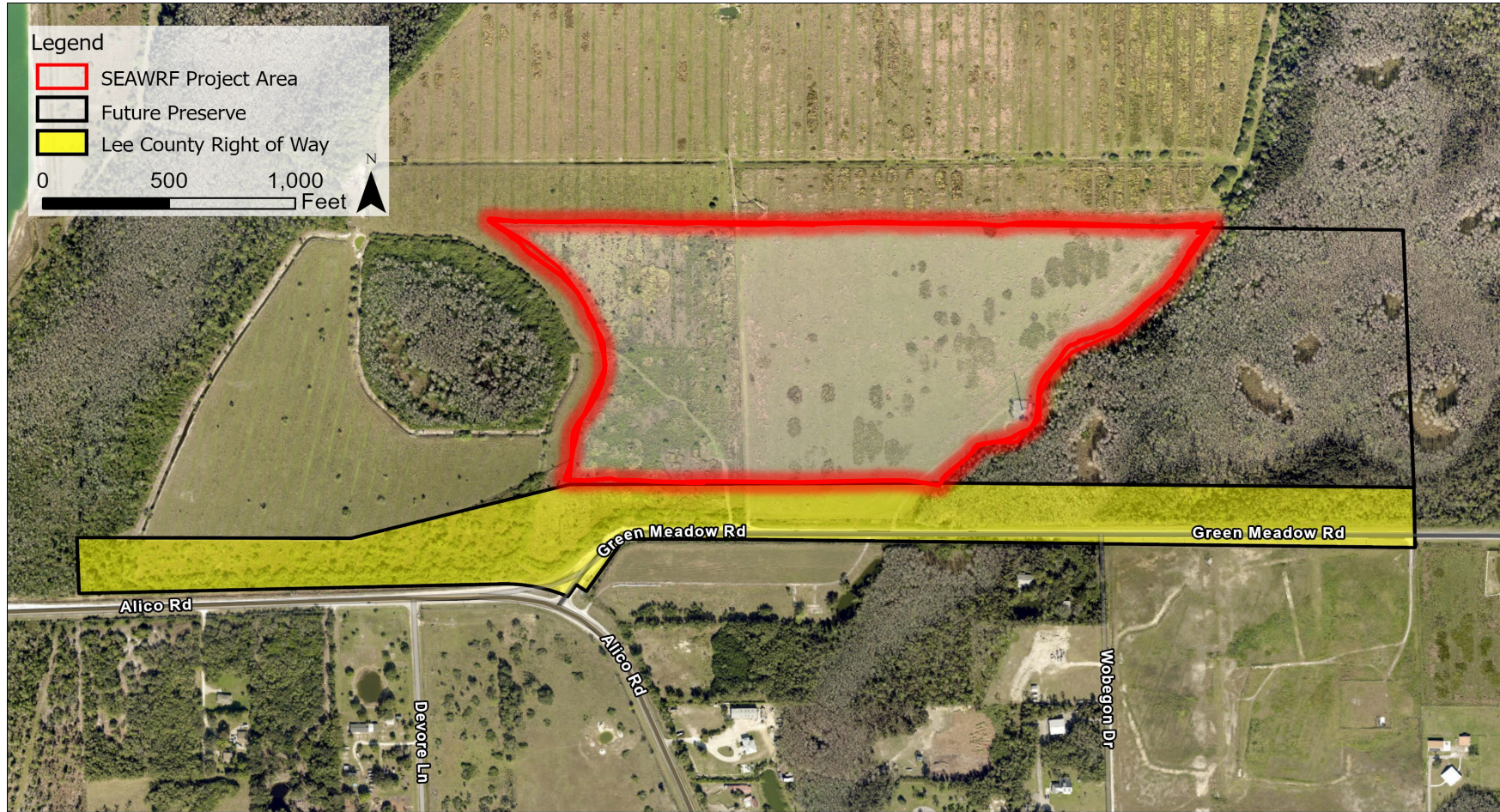
Lee County
Southwest Florida

Southeast Advanced Water Reclamation *Facility*

Public Meeting – January 31, 2023



Project Location Map



Purpose & Need for the Project

Provides a 6 mgd advanced water reclamation facility

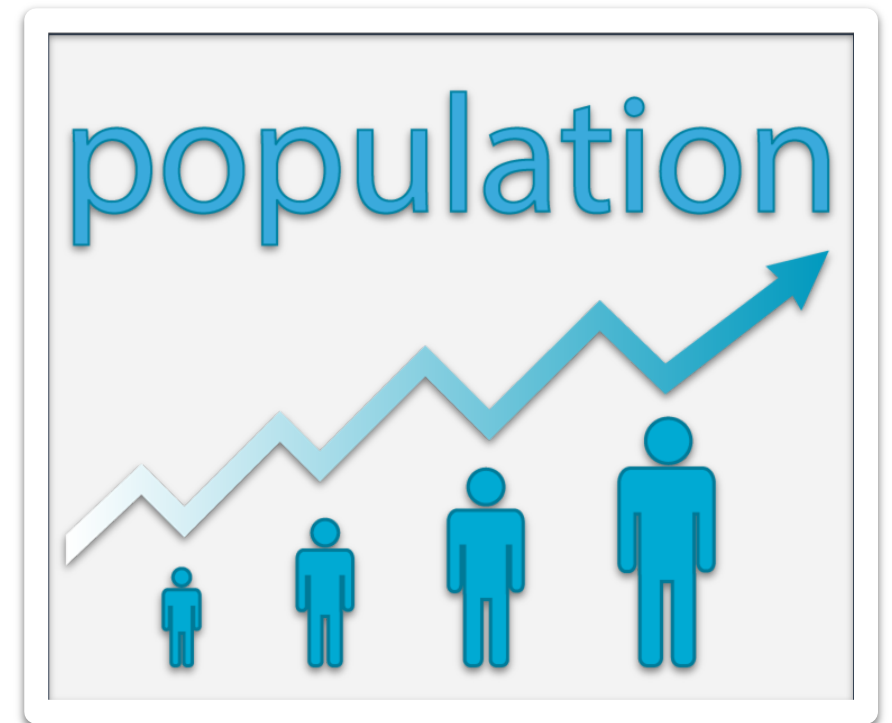
- Can be expanded to 10 mgd

Supports existing and future population in the area

- Lee BoCC planning for fulltime population of 1 million residents
- Growth anticipated in the southeast region of county
- Lee County has expanded wastewater treatment capacity at existing facilities

Proactive planning to comply with regulatory treatment & requirements

- Lee County's commitment to Florida's overall quality of life, health & economy



What is Advanced Wastewater Treatment (AWT)?

The proposed reclamation facility will be designed to treat to advanced wastewater treatment standards.

- AWT produces a “higher quality” water by removing nutrients in addition to normal components removed in standard biological treatment
- Results = water that is safe for public reuse can be used for:
 - Landscape irrigation
 - Other potential beneficial uses



Why is AWT Important?

Water quality

- Top priority for Lee BoCC
- Affects everyone
- Responsible management is key

AWT helps to further remove nutrients from treated effluent making it available for other uses.

Wastewater treated to AWT standards

- Lessens the demand for potable drinking water
- Beneficial to our community
- Promotes economic benefits by maintaining healthy waterways, bays & Gulf of Mexico

About the Surrounding Environment

- Coordination with FWC and USFWS
- Water reclamation facility largely located in previously cleared pasture
- Wildlife surveys repeated prior to construction
- Wetland slough system on eastern third of property (approx. 33 acres) to remain as preserve
 - Exotic vegetation removal will enhance benefits for wildlife
 - Lee County DOT proposes incur porating a wildlife crossing in the Alico Road Extension project.



About the Water Reclamation Facility

- Design of facility began August 2022
 - Will be neighbor-friendly with odor abatement technology
- Run by professional licensed operations staff
- Round-the-clock facility
- Construction anticipated to start in 2025



Ways to stay informed

Visit the project website:

www.LCUSEwater.com

Questions may be submitted to:

info@LCUSEwater.com

Water quality is a top priority of the Lee Board of County Commissioners and water-quality initiatives occur year-round. Water quality affects residents and visitors alike, and everyone has an opportunity to be a part of the solution. Responsible management of wastewater is key to maintaining the county's water quality overall.

Lee County Utilities is in the design phase for the Southeast Advanced Water Reclamation Facility (SEAWRF) Project. The SEAWRF project will provide the county with a 6 million gallons per day advanced water reclamation facility that can be expanded to 10 million gallons per day or greater, if needed. The project is needed to support existing and future population in the area.



Lee County
Southwest Florida

**SOUTHEAST ADVANCED WATER
RECLAMATION FACILITY**



**Southeast Advanced Water
Reclamation Facility**

Thank you!

Lee County appreciates your attendance
& input at this Public Meeting.

Visit Stations to Share Your Thoughts with the Team

- Zoning & Permitting
- Environmental
- Facility Design & Operations
- Public Information