



CPA-WSFWP

Water Supply Facilities Work Plan Amendments

[Sep-22 Planning Commission Hearing]

Presented by:

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Levy County Staff Planner

Petition Background

§373.109, Florida Statutes

Requires Water Management Districts to develop a **Regional Water Supply Plan**

The Regional Water Supply Plan must include:

- 20-year planning horizon for potable water needs
- Assessment of existing and projected potable water demands in the region
- Evaluation of available water sources
- Identification of **recommended** interventions to meet potable water demands

Petition Background (Cont'd)

In March 2024, the Suwannee River Water Management District approved its **Western Water Supply Plan**

The Western Water Supply Plan finds that:

- Groundwater can meet some but not all projected demand
- Without interventions, sustainability of natural systems is at risk
- Interventions will require new water projects throughout the region

Petition Background (Cont'd)

While various interventions were recommended throughout the region, two major projects were targeted for Levy County:

Project Name	Agency Resp.	Description	Status	Est. Comp. Date	Total Capital Cost
Waccasassa Water and Wastewater Cooperative	W3C	Creation of Regional Water Authority; Design & construction of a Water Treatment Plant and Wastewater Treatment Facility	Planned	2030	\$60m
University Oaks Phase 4	Levy	Infrastructure replacement of water mains to reduce water loss	Underway	2024	\$300k

Source: Western Water Supply Plan Appendix (March 2024)

Petition Background (Cont'd)

§163.3177(6)(c)4, Florida Statutes

Within 18 months of regional water supply plan adoption, **local governments must:**

1. Develop a 10-year *water supply facilities workplan* (WSFWP) which:
 - Ensures sufficient and projected potable water supply for local systems
 - Identifies and plans for interventions to meet its potable water demands
2. Update the Comprehensive Plan to:
 - Adopt the WSFWP
 - Implement the provisions of the WSFWP, as needed

Petition Summary

To amend the *Goals, Objectives, & Policies* of the Levy County Comprehensive Plan to adopt and implement the WSFWP, as required by Florida Statutes

These amendments impact three Elements:

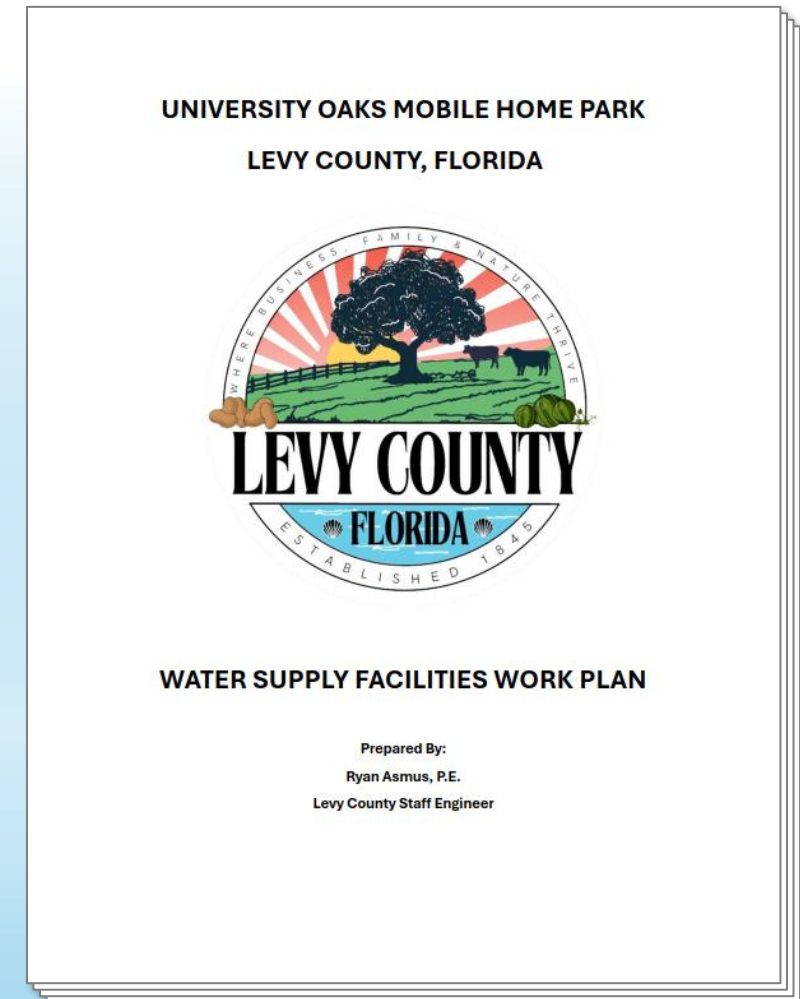
- I. Infrastructure Element
- II. Conservation Element
- III. Intergovernmental Coordination Element

Water Supply Facilities Work Plan

Levy County is responsible for two potable water systems:

- University Oaks Mobile Home Park
- Manatee Utilities

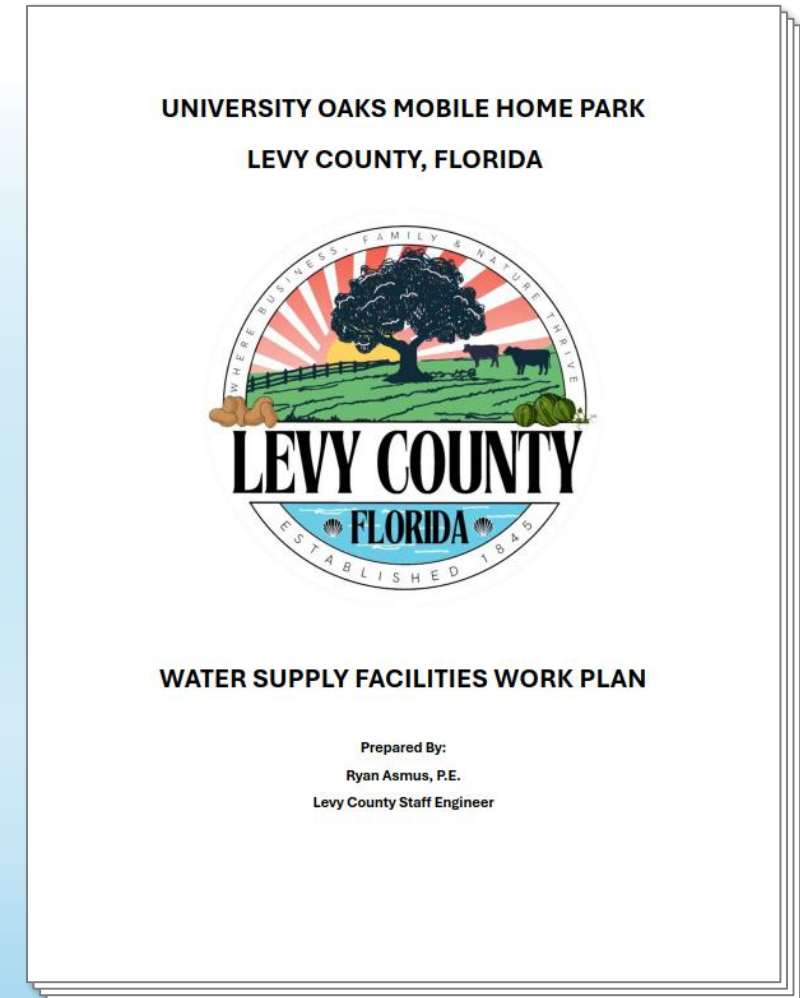
The WSFWP focuses exclusively on the University Oaks system as this is the only system identified for improvements in the regional plan



Water Supply Facilities Work Plan (Cont'd)

The WSFWP includes:

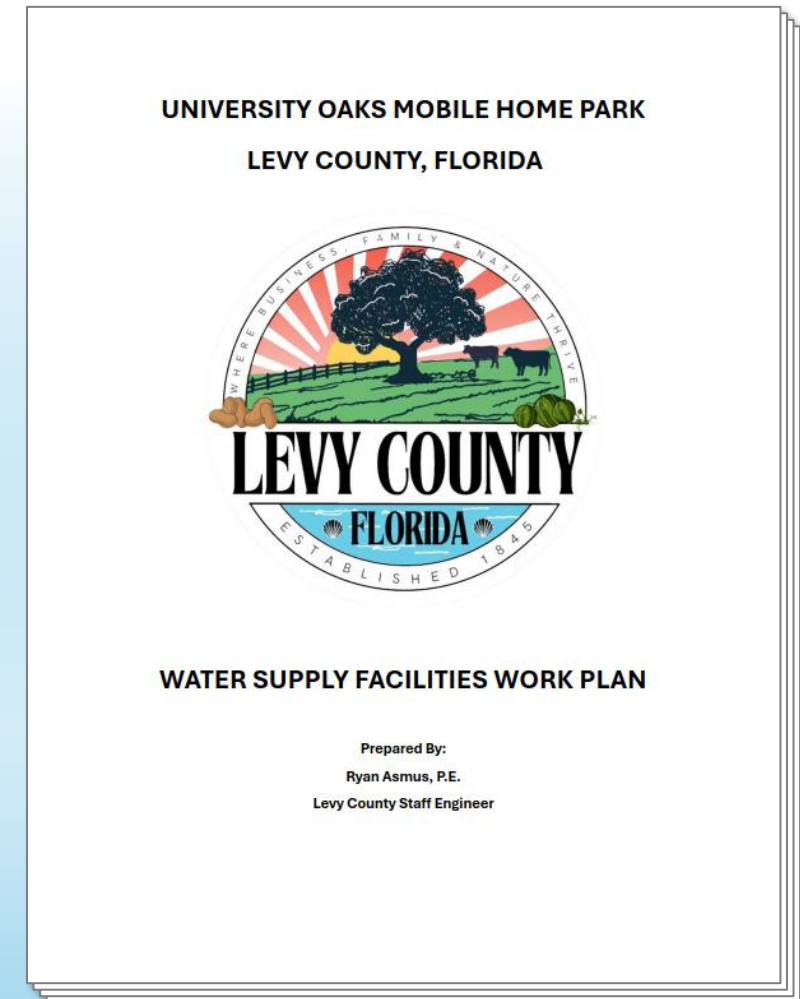
- A detailed system overview
- Demand projections through 2034
- Improvements and conservation considerations



Water Supply Facilities Work Plan (Cont'd)

The WSFWP finds that:

- The system has sufficient capacity to meet projected demand
- Planned infrastructure upgrades will reduce leaks and improve reliability
- Conservation and efficiency remain essential to sustain water resources
- Continued monitoring ensures compliance and supports future planning



Proposed Amendments

Infrastructure Element

Objective 6 Water Supply Facilities Work Plan

Maintain, update and implement a Water Supply Facilities Work Plan consistent with the regional water supply plans of the Suwannee River and Southwest Florida Water Management Districts and in accordance with Florida Statutes.

Policy 6.1 The County hereby adopts, by reference, the *University Oaks Mobile Home Park Levy County Water Supply Facilities Work Plan (September 2025)*, into the Comprehensive Plan.

Policy 6.2 The County shall update its Water Supply Facilities Work Plan at least once every five years, or within 18 months after the Suwannee River or Southwest Florida Water Management District adopts an updated regional water supply plan, whichever is first.

Proposed Amendments (Cont'd)

Infrastructure Element (Cont'd)

Policy 6.3 Consistent with Chapter 163.3177, Florida Statutes, future updates to the Levy County Water Supply Facilities Work Plan must:

- a. Cover a planning period of at least 10 years.
- b. Identify the alternative water supply projects, traditional water supply projects, water conservation measures, and reuse programs necessary to meet the water needs identified within the County's jurisdiction.
- c. Incorporate, as applicable, project options from the relevant regional water supply plan that the County elects to implement.
- d. Identify public, private, and regional water supply facilities necessary to serve existing and new development during the planning horizon.

Policy 6.4 The County shall continue to participate in the development of updates to the regional water supply plans and other water supply initiatives facilitated by the Suwannee River and Southwest Florida Water Management Districts.

Note. The provisions of *Potable Water Quantity and Quality Sub-Element Policy 1.6* have been incorporated into new Policy 6.3.

Proposed Amendments (Cont'd)

Conservation Element

Water Conservation Programs

Policy 6.18 To support responsible water use and promote long-term water resource sustainability, the County shall explore and evaluate a range of water conservation strategies, both within its County-owned potable water service areas and, where appropriate, at the countywide level. These strategies may include, but are not limited to:

- a. Establishing a tiered rate structure that increases the cost of water as usage exceeds baseline consumption levels;
- b. Providing public education, outreach materials, and hosting informational events focused on water conservation practices;
- c. Limiting line and hydrant flushing to the minimum necessary to maintain system quality and exercise critical equipment; and
- d. Securing hydrants and flushing valves to prevent unauthorized use of water and ensure access is restricted to County staff and emergency responders.

These measures may be implemented individually or in combination, as appropriate to the County's operational role, available resources, and coordination with the Water Management Districts or other utility providers.

Proposed Amendments (Cont'd)

Intergovernmental Coordination Element

Water Supply Planning Coordination

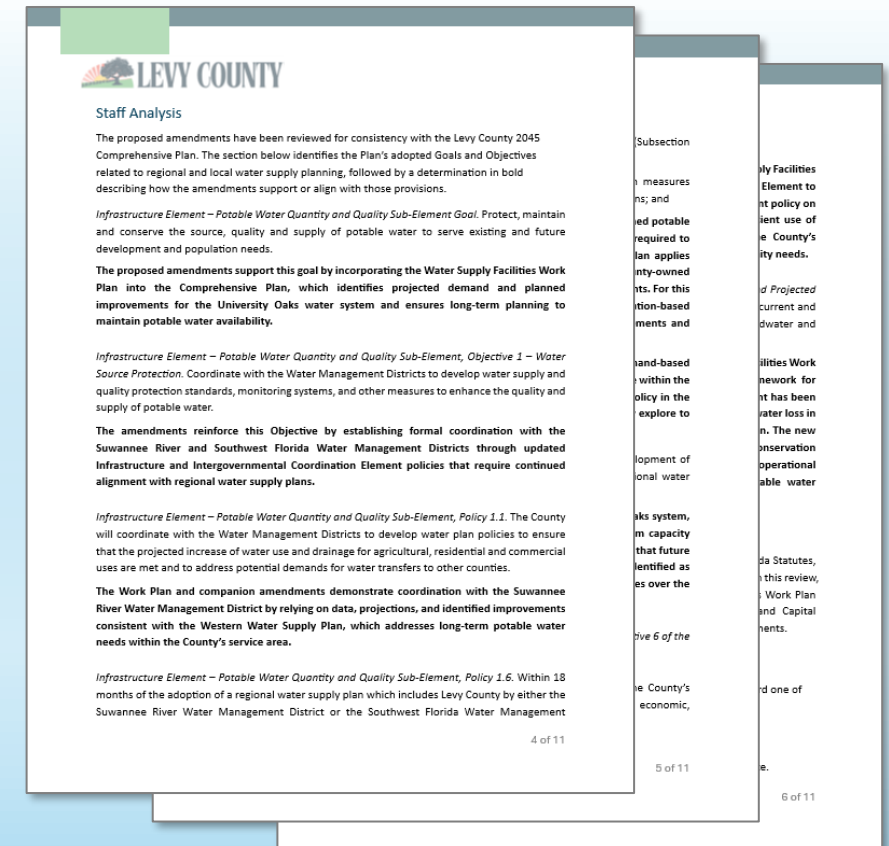
Policy 5.4 The County shall coordinate with the Suwannee River and Southwest Florida Water Management Districts, and any applicable regional water supply authority, to ensure the Comprehensive Plan remains consistent with each District's Regional Water Supply Plan and other regional initiatives through the exchange of information, participation in plan updates, and consideration of regional strategies in local decision-making.

Policy 5.5 The County shall coordinate with the municipalities located within Levy County to address shared water supply needs, maintain consistency between local comprehensive plans, and support intergovernmental approaches to long-term water resource planning. Coordination may include data sharing, review of proposed plan amendments, and participation in joint planning initiatives where appropriate.

Consistency with the Current Levy County 2045 Comprehensive Plan

The proposed amendments were reviewed against the provisions of the adopted Comprehensive Plan.

The analysis included in the *Staff Report* demonstrates that the proposed amendments **are consistent** with the Plan.



Staff Findings

Staff finds that Petition CPA-WSFWP **is consistent** with:

1. The water supply planning requirements of §163.3177, Florida Statutes;
2. The provisions of the Suwannee River Water Management District's Western Water Supply Plan; and
3. The adopted Goals, Objectives, & Policies of the Levy County 2045 Comprehensive Plan



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Questions or Comments?