

BURNT STORE WATER RECLAMATION FACILITY MODIFICATIONS TEMPORARY CAPACITY PLAN



CHARLOTTE COUNTY
FLORIDA

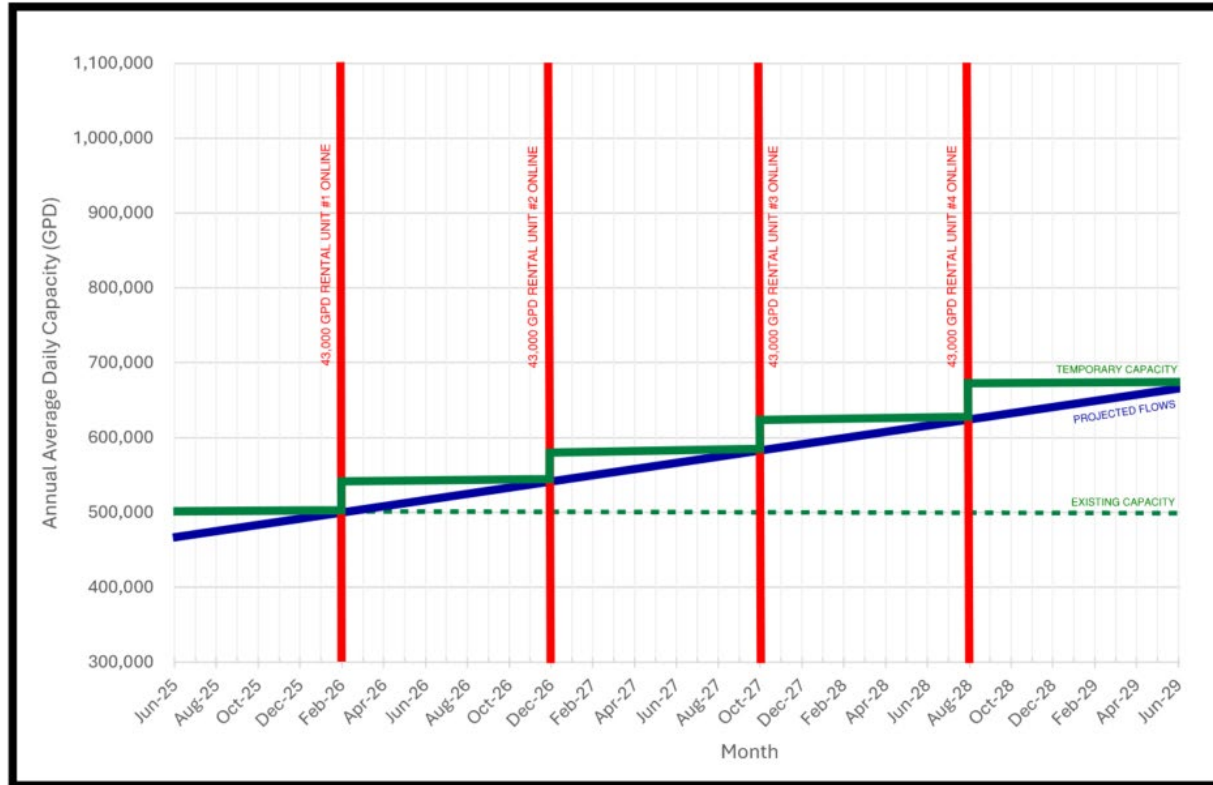
Agenda

- Review Current Flows and WRF Capacity
- System Description
- Site Layout
- Design and Permitting
- GMP and Cost Comparison (Rental vs. Purchase)
- Schedule
- Questions

Current Flows and WRF Capacity

- Current WRF Permitted Capacity – 0.5 MGD
- 2024 Annual Average Flows – 0.465 MGD
- Temporary capacity required by February 2026

Temporary Treatment Timeline (0.43 MGD Units)



LEGEND

- / CAPACITY MILESTONE
- / PROJECTED FLOWS
- / TOTAL FACILITY CAPACITY

Notes:

1. Assumes present flow of approximately 0.465 MGD.
2. Projected flows per 2024 Charlotte County Sewer Master Plan (additional 4,167 GPD per month).



System Description

Cloacina Treatment

- Competitive cost
- Lead times
- Staff familiarity with technology
- Effluent quality
- Ease of operation



System Description

Cloacina Treatment

- “Plug and Play”
- Interfaces with existing infrastructure (headworks, chlorine contact tanks)
- Some ancillary infrastructure (piping, pumps, electrical, instrumentation, etc.)
- Addition of units as needed

Guaranteed Maximum Price (GMP)

- Guaranteed Maximum Price
- Rental Vs. Purchase Alternative

Schedule

- Milestones
 - October 14, 2025 – Board Approval
 - November 1, 2025 – Mobilize
 - Feb 4, 2026 – Temporary Treatment Unit #1 Substantial Completion
 - August 2026 – New FPL Service Online
 - Dec 1, 2026 - Temporary Treatment Unit #2 Substantial Completion

Today's Request to the Board

Authorize implementation of the temporary plan
as presented

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QUESTIONS?



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