Q4 CAPITAL PROJECT UPDATES

FLORIDA
GOVERNMENTAL
UTILITY AUTHORITY

2025

LEHIGH ACRES CAPITAL PROJECTS

Lehigh Acres Wastewater Treatment Plant (WWTP) Membrane Bioreactor System

The FGUA has undertaken a rehabilitation project at the Lehigh Acres WWTP to increase capacity. The project consists of the conversion of the existing decommissioned Membrane Bioreactor System (MBR) and ancillary systems to a Kubota MBR system. **Major equipment continues to be delivered to the site. Demolition of the stairs and ancillary tank components has been completed with construction pausing until completion of processing for both the Lee County Limited Development Order and Building (COM) permits. Major construction resumed at the end of 2025.**

LEHIGH ACRES CAPITAL PROJECTS

Lehigh Acres Water Treatment Plant No. 2 – Construct 1.65 MGD Reverse Osmosis Water Treatment Plant for Brackish Water Wells

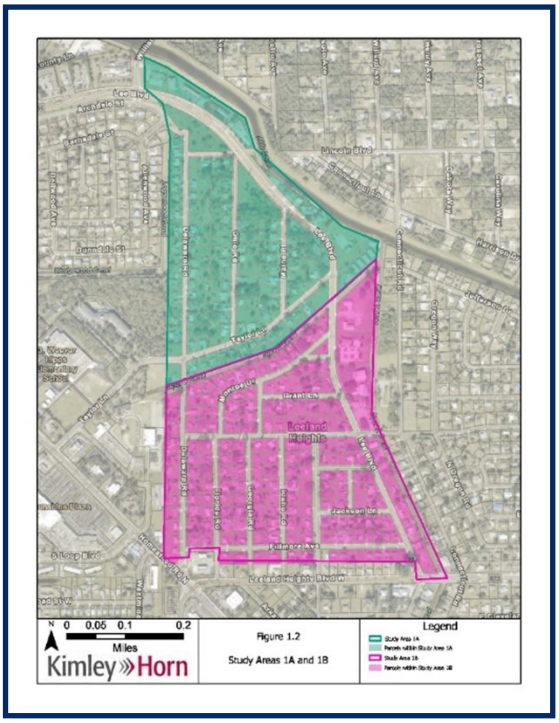
As recommended in the FGUA's water master plan for Lehigh Acres, the FGUA is constructing a 2 MGD (millions of gallons per day) reverse osmosis (RO) facility, Water Treatment Plant No. 2. This project includes brackish water wells, RO skids, air stripping and chemical feed systems along with a Deep Injection Well (DIW) for RO concentrate disposal. The FGUA received a $47.5 Million State Revolving Fund Loan for construction of this facility. The DIW is now complete.

The 1.65 MGD facility design-build construction is underway, preparing for what will ultimately be a 3.3 MGD facility. The drilling for the two UFA (Upper Florida Aquifer) is scheduled to be completed by the end of January 2026. The Purchase Order has been issued for the Emergency Generator and ATS (Automatic Transfer Switch).

LEHIGH ACRES CAPITAL PROJECTS

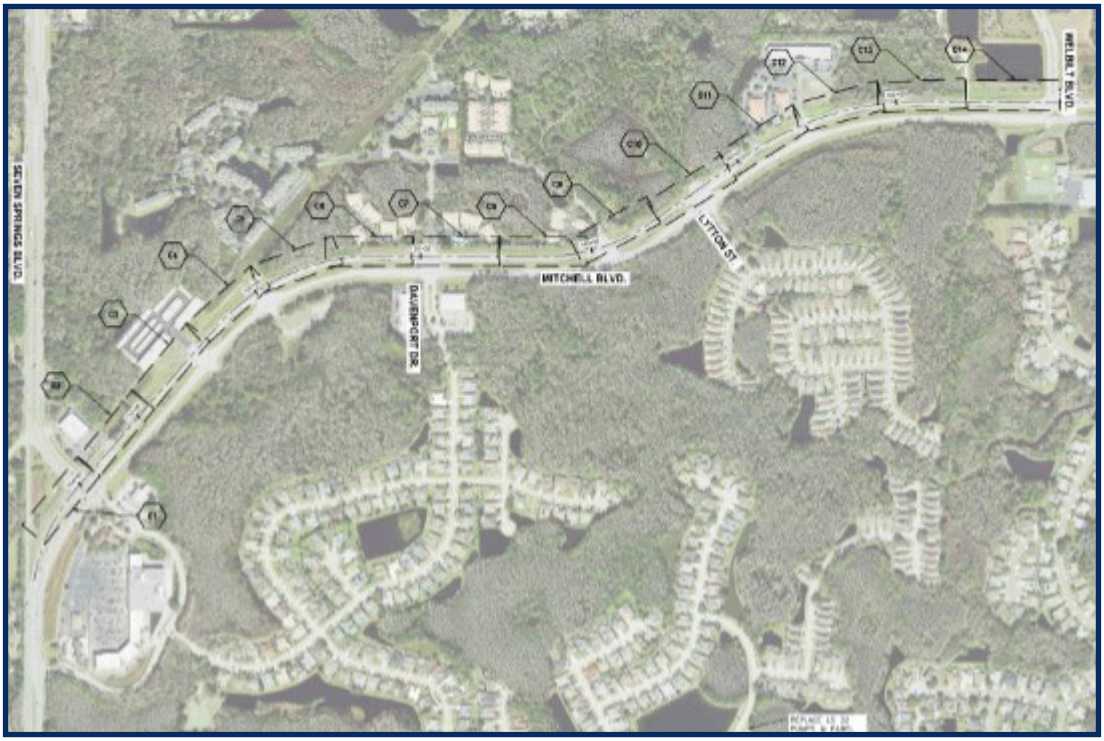
Lehigh Acres Septic-to-Sewer Conversion Project

This project involves evaluating alternatives for expanding the wastewater service area in Lehigh Acres under a septic-to-sewer conversion program previously identified in the 2023 Lee County Countywide Wastewater Management Plan. The study areas are in Lehigh Acres, Florida, census tract 403.05, along Lee Boulevard. **Design services from Jones Edmunds began July 8, 2025. A community meeting was held on September 16, 2025 and surveying began September 21, 2025. 30% preliminary design completion is scheduled for February 2026.**



28th Street Water Main Extension

This project involves the design and construction of approximately 4,850 linear feet (LF) of 10-inch water main along 28th Street SW and approximately 4,200 linear feet (LF) of 8" water main along the surrounding streets. The purpose of this project is to provide a potable water transmission main. A grant application is currently in process with the Florida Department of Environmental Protection. If approved, this will be the funding source of the project. Johnson Engineering will design the project. **Design drawings are 100% complete and were reviewed/approved in October 2025.**



Seven Springs Utility System Force Main and Related Improvements Project

This project will improve the Seven Springs wastewater collection system by eliminating current bottlenecks in the system. This project includes the construction of approximately 7,900 linear feet of 12-inch force main on Mitchell Boulevard from Trinity Oaks Boulevard to Seven Springs Boulevard. **This project was awarded to Accurate Drilling Systems at the September 18, 2025 board meeting, with Jones Edmunds continuing to provide contract admin support through construction. Mobilization is anticipated in early 2026.**

Riverside Village Septic to Sewer Project

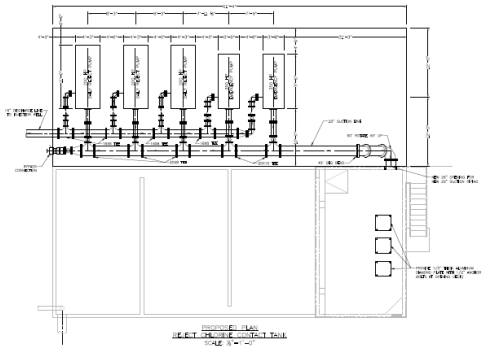
The Riverside Village subdivision, in the Pasco Utility System, is mostly developed. The east section served by the FGUA is on a gravity sewer collection system while the west section, approximately 52 residences, currently has onsite sewage treatment and disposal systems (OSTDS or septic tanks systems). These OSTDS have consistently failed due to high water levels and subsequent seepage into the drainage swales along their frontage, resulting in high fecal coliform counts and significant odors. This has created a health problem.

As a result of this situation, the FGUA was asked to investigate the feasibility of providing sewers to this area. Subsequently, the FGUA contracted Jones Edmunds, under WA JEA 20-02, to prepare a Preliminary Engineering Report (PER) to develop and analyze alternatives to connect the OSTDS to a sewer collection system. The PER evaluation included vacuum, low pressure, and gravity sewer (with and without a lift station). The selected alternative, with Pasco County's input, was a gravity sewer system. Jones Edmunds is proceeding with the design work for this project. **Plans are 100% completed. Bidding is on hold until the county permit is received.**

NORTH FORT MYERS CAPITAL PROJECTS

Lift Station LS01 Replacement

The FGUA has undertaken a lift station replacement project near the Del Prado Water Reclamation Facility in North Fort Myers. The project consists of the construction of an inline booster pump station (wastewater) to replace the existing submersible pump lift station. Specifically, the project will include civil site work and the installation of new dry pit submersible pumps, a new diesel driven pump and generator, and electrical instrumentation. **Most of the underground and above ground piping has been installed. The electrical and generator building has been erected and all major concrete slabs poured. Completion is expected in Q2 2026.**

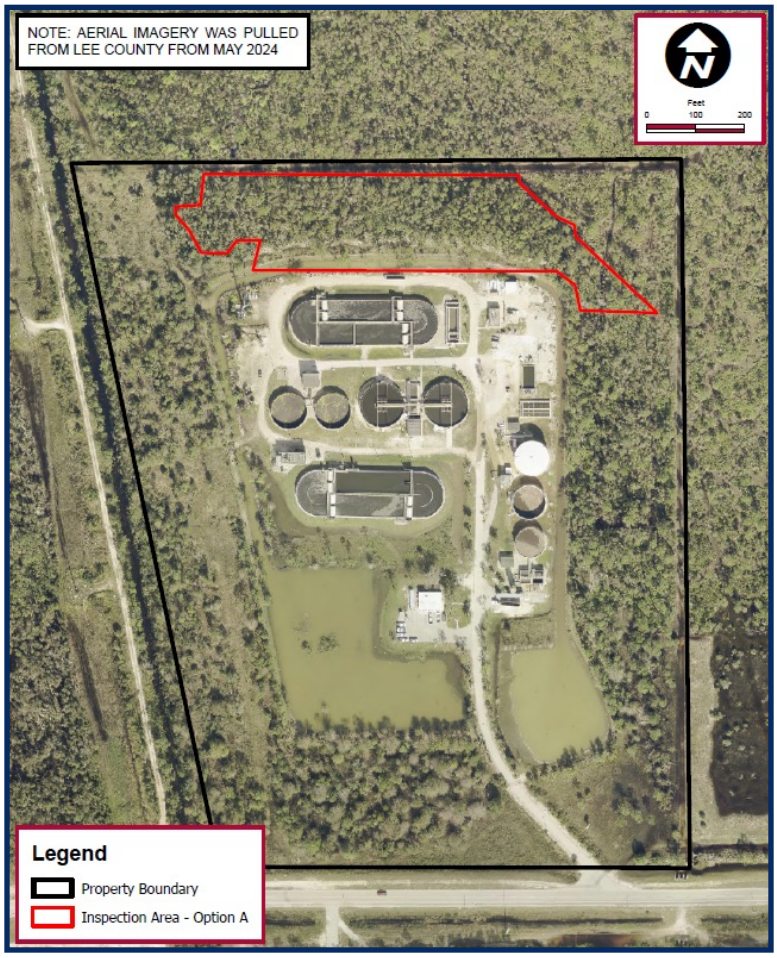


Del Prado Water Reclamation Facility Pump System Improvements

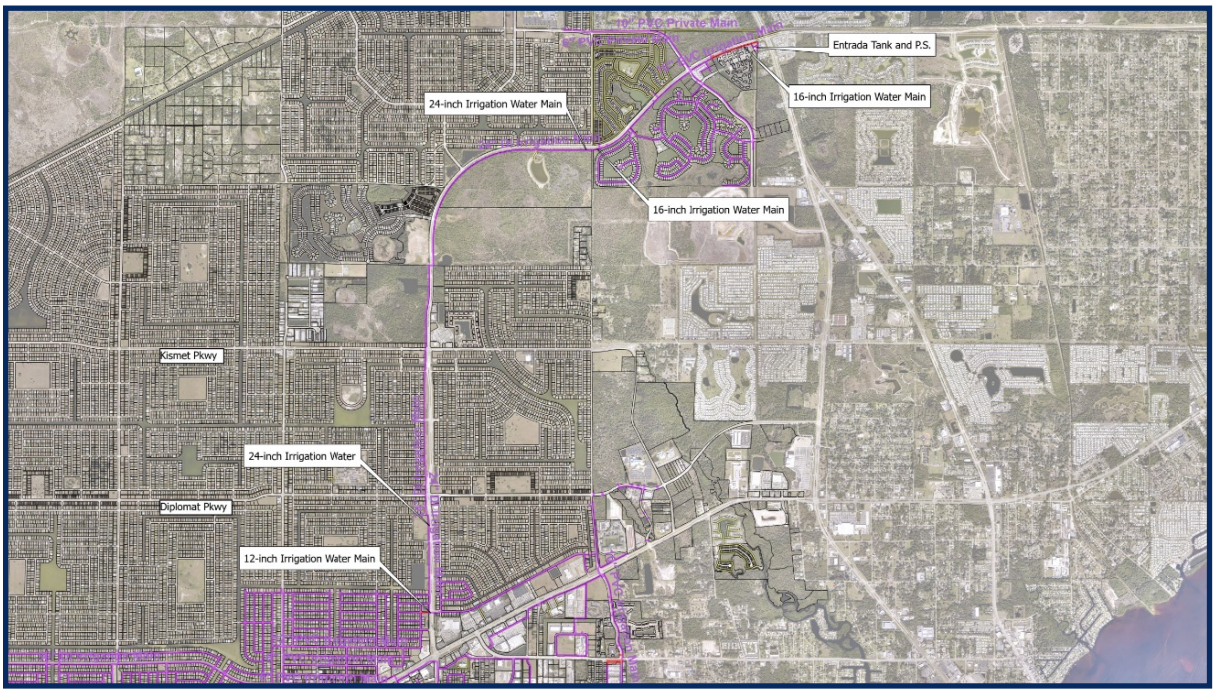
The FGUA has undertaken a project to upgrade and replace the existing Injection Well Pumping System at the Del Prado Water Reclamation Facility located in North Fort Myers. The project includes demolition of the existing system and installation of daily reject and emergency pumps. The new pumping assembly consists of piping and other necessary accessories configured to allow for both system redundancy and bypass. **US Water has issued the 100% design documents, and the project has been successfully advertised for bid.**

Del Prado Water Reclamation Facility Storage System Improvements

The FGUA has undertaken a project to construct a 10-million-gallon storage tank at the Del Prado Water Reclamation Facility located in North Fort Myers. The project includes the installation of a return pumping system and weirs (low dam or barriers) to store water during weather events as well as partition the reject water as needed. **Florida Department of Environmental Protection issued the formal wetland determination for the project site. Kimley Horn is working to prepare the Wetland Mitigation and Environmental Resource Permit application and issue 100% design documents.**



NORTH FORT MYERS CAPITAL PROJECTS



NFP36 Cape Coral Interconnect

The purpose of this project is to provide a Preliminary Design Report to determine how to increase the City of Cape Coral's ability to receive reclaimed water from the FGUA's Del Prado Water Reclamation Facility, with the intention of eliminating the city's supply bottleneck. The design work authorization with Johnson Engineering was approved at the August 2025 board meeting. **Johnson Engineering is reviewing a hydraulic evaluation report prepared by AECOM to design a solution and identify all necessary permits to remove the bottleneck. AECOM report is due early 2026.**

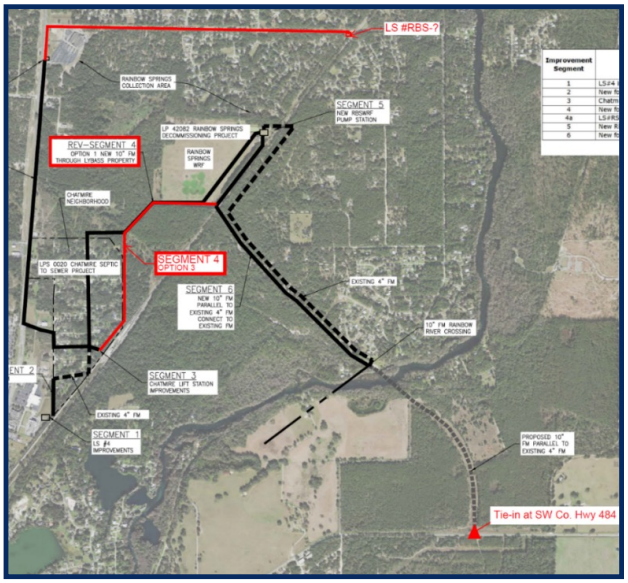
Jungle Den – Inflow and Infiltration Correction and Lift Station Upgrades

This project includes the upgrade of the wastewater collection system in the Jungle Den community in Volusia County. The planning, design and bidding phases of the project have been completed, with the construction underway and expected to be completed spring 2025. This project includes the upgrade of two lift stations, lining of approximately 1,600 feet of gravity main and 1,400 feet of services laterals, and various accessories. **All work is completed and accepted. Additional funding is being secured for closeout.**

DUNELLON CAPITAL PROJECTS

Chatmire Septic to Sewer Project

The FGUA has undertaken a septic to sewer project in the Chatmire community located in the City of Dunnellon. The project includes 210 residential lots with approximately 117 existing septic systems, 14,000 linear feet of gravity sewer collection lines, 1,640 linear feet of force main, a new lift station, and 16,000 linear feet of roadway restoration. The existing septic systems will be abandoned and homes will be connected to the central sewer system. The contractor has started abandonment of septic tanks and connection of properties to the sewer main.



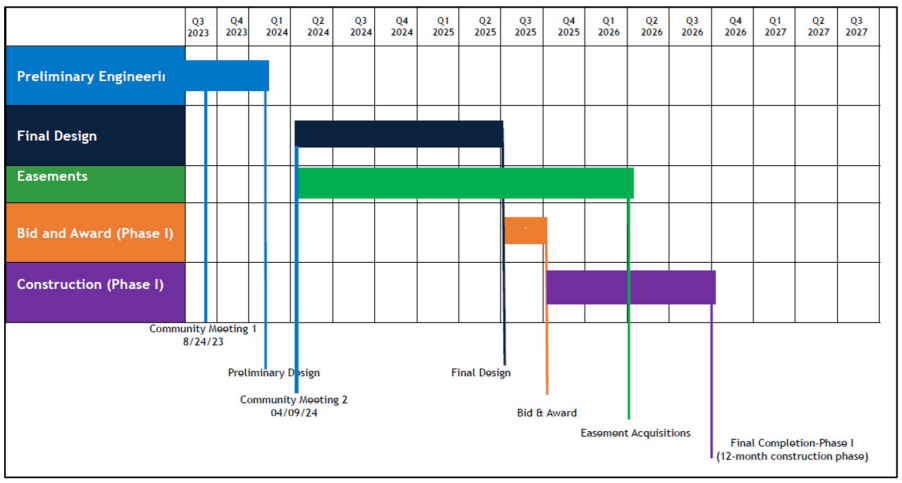
Chatmire Force Main Project

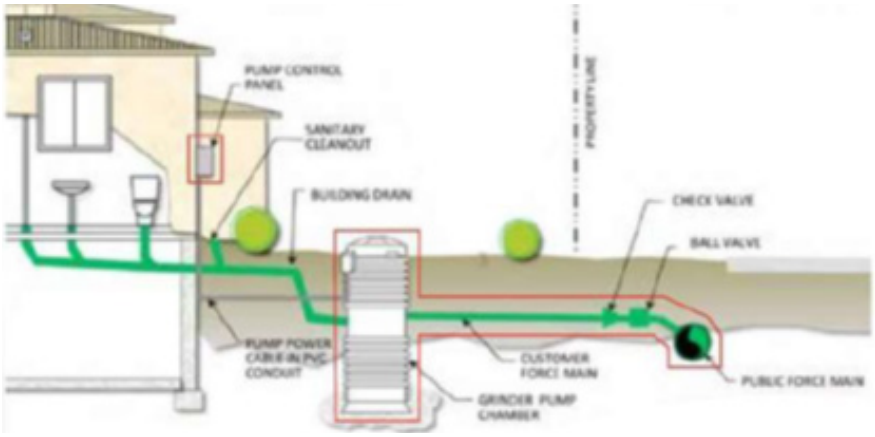
The FGUA has undertaken a force main project to route sewer flow from the Brookes Street lift station to the Rainbow Springs Water Reclamation Facility which is currently being converted to a surge tank. Design for the project is currently underway. The FGUA is working on obtaining additional grant funding for the project.

Design report has been finalized for this project. 30% plans are estimated to be complete in early 2026.

Rio Vista Septic to Sewer Project

The FGUA has undertaken a septic to sewer project in the Rio Vista community located in the City of Dunnellon. The project consists of connecting approximately 333 septic tanks from single family homes in the Rio Vista neighborhood in the Rainbow Springs basin management action plan (BMAP) primary focus area (PFA). This will result in approximately 3,300 lbs/yr in nitrogen reduction in Rainbow Springs. The project includes 154 grinder pump stations, a sanitary sewer gravity collection system, a sanitary sewer transmission line, roadway restoration, and upgrades to an existing lift station. The project's construction is anticipated to last 18 months with the overall completion anticipated in Q3 2026. The project's estimated construction costs exceed the current Florida Department of Environmental Protection's springs' restoration grant. The project will be constructed in phases as additional grant funding becomes available. Property owners have commenced submission of the temporary access agreements required to allow FGUA's contractor access to the respective properties during construction. This is needed for the construction of the grinder pump stations and abandonment of the existing septic tanks. **Community meeting held November 6, 2025. Current project activities include finalizing design plans for phases I and II and acquiring signed Easement/Access Agreement packages.**





DUNELLON CAPITAL PROJECTS

180th Avenue Package Plant Abatement

This project provides for the demolition of two existing package wastewater treatment plants located at the State Park and Dunnellon High School properties. The package plants will be replaced with wastewater lift stations that will pump wastewater to the existing FGUA force main located along 180th Avenue.

The piping at both the State Park Site and the Dunnellon High School site is nearly complete. The contactor has received all materials for both lift stations. The contractor and design engineer are working with Duke Energy to provide an upgraded electrical service.

100% plans are complete. One of two permits have been obtained. Project on hold pending funding.

Plantation Bay Water Treatment Plant (WTP) Miscellaneous Improvements

The Plantation Bay WTP's lime softening process and equipment is at the end of their useful life and requires replacement. The miscellaneous improvements project includes abandonment of the existing lime softening equipment and installation of new nanofiltration equipment. The project also includes various miscellaneous items aimed to increase treatment reliability and to provide a more consistent and disinfection byproduct-free drinking water to the customers in the FGUA Flagler system. The pilot study for the nanofiltration facility was complete in February 2022. The design is 100% complete, and the nanofiltration skids are being stored on-site. **The project that includes the constuction and development of the nanofiltration facility was awarded to Ferreira Construction Company at the August 2025 board meeting and construction kick-off occurred on October 1, 2025. Project completion is anticipated in 2027.**

Plantation Bay Wastewater Treatment Plant (WWTP) Phase II Improvements

The Plantation Bay WWTP's treatment process equipment is at the end of its useful life and requires replacement. The Phase II Improvements project will provide a new digester, aeration basin and clarifier as the primary biological treatment process. The project will provide Class I reliability and increase plant capacity. In May 2023, Mack Industries, Inc. was awarded the extended aeration basin and equipment construction and installation. Between April and June 2024, the precast walls and walkways sections were sealed, the walls were post-tensioned, and the post-tensioned joints were grouted. The extended aeration basin inclusive of the concrete structure and mechanical equipment were substantially complete by October 2024. Mack's construction contract does not include civil, site, mechanical piping outside the aeration basin and all electrical. The construction contract for the trade work was awarded to Petticoat Schmitt. **Project is complete. Additional work needs to be completed including installation of new blowers and cleaning of existing tank. Change order for additional work is going to the November board and is anticipated to be completed at the end of April 2026.**