

Project Details

Entity/Sponsor Name

Pinellas County Utilities

Project Title

Mobile Home Park Wastewater Collection System Improvements

Short Project Description

Pinellas County is requesting funding to construct critical wastewater infrastructure at 15 mobile home parks (MHPs) in the unincorporated Lake Seminole and Lealman areas of Pinellas County. The project would cost-effectively reduce inflow and infiltration (I&I) and sanitary sewer overflows (SSOs), and lessen flood impacts to communities and local waterbodies. \$2,085,262 of RESTORE Act funding was awarded to PCU in April 2021 to prioritize and create design plans for the project.

Project Outcomes

The purpose of this project is to

1. Adapt critical wastewater infrastructure assets to address the impacts of flooding and sea-level rise
2. Comply with 380.093 (F.S.) incorporating combined effects of changed precipitation patterns
2. Reduce I&I
3. Restore water quality and quantity
4. Restore and conserve habitat
5. Replenish and protect living coastal and marine resources

Has a Vulnerability Assessment been performed for this area previously?

Yes

Please provide details on the Vulnerability Assessment performed and how this project was identified as a result

A vulnerability assessment has been completed for all of Pinellas County.

With RESTORE ACT funding from the Gulf Coast Ecosystem Restoration Council, PCU is completing a comprehensive assessment of the 15 MHPs to identify the sources of, and reduce I&I. A vulnerability assessment, which would meet requirements in 380.093 (F.S.), will be conducted within each MHP project.

Project Type

Projects to adapt critical assets to the effects of flooding and sea level rise

Please provide a short description of how the project will facilitate adaptation to flooding and sea level rise and what critical assets that will include:

The project will update and improve critical wastewater assets to facilitate adaptation to both flooding and sea-level rise. The project will reduce storm-derived inflow and infiltration of older infrastructure systems and the nutrient impacts to impaired water bodies by upgrading, and maintaining privately-owned mobile home park wastewater collection systems. The project benefits more economically and environmentally vulnerable populations living in mobile home parks in Pinellas County.

Contact Information

Contact Information: Name

Daniel Glaser, P.E.

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City

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33756

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Funding Requests

Project Type

New Project

Anticipated Grant Funds Needed

\$ 25,000,000.00

Local Funds and/or Match Commitment

\$ 0.00

Source(s) of match funding?

PCU

Total Project Cost

\$ 25,000,000.00

Multi-Year Funding Breakdown

Phase 1, 2024: \$8,500,000.00 (grant funds requested for construction)

Phase 2, 2025: \$8,400,000.00 (grant funds requested for construction)

Phase 3, 2026: \$8,100,000.00 (grant funds requested for construction)

Cost Effectiveness

PCU is developing a priority matrix incorporating a flow monitoring study and social, economic, asset condition, and environmental factors to prioritize and implement an affordable and efficient project.

PCU has been cost-effectively providing wastewater services to Pinellas County for over 25 years. Acquiring and improving private MHP systems, PCU will leverage extensive experience in system development and capitalize on operations and maintenance economies of scale.

Proposed Project Readiness to Proceed

Proposed Start Date

02/15/2024

Estimated End Date

12/31/2026

Is this project already permitted?

No

Is this project already designed?

No

Please list the plans and resources in place to make this project a success.

The Gulf Coast Ecosystem Restoration Council awarded PCU \$2,085,262 in RESTORE Act grant funding to complete planning and design for the MHP system improvement project. The period of performance for this grant is May 11, 2020 through December 31, 2022.

Acquired systems are part of PCU's Asset Management Program. The program includes: regular inspections; repair and replacement; and inclusion in relevant studies or programs.

Additional Information

Will the project provide benefit to, or be located within, a state-designated financially disadvantaged community?

No or Not Applicable

Is there a public outreach component to the project?

Yes

County/Counties

Pinellas County

Project Location

Project Location Latitude

27.976732623215053

Project Location Longitude

-82.78163436074884

Project Category

- 1 (Primary Purpose) Resiliency Implementation
- 2 (Secondary Purpose) Flood control works
- 3 (Tertiary Purpose) [blank]

Acknowledgement and Submit

Yes

Yes