WATER QUALITY IMPROVEMENT GRANT- FDEP APPLICATION

PHILIPPE PARK WASTEWATER COLLECTION SYSTEM IMPROVEMENTS

PROJECT DETAILS- answers are underlined and multiple-choice answers are highlighted

- Please identify the best contact and corresponding contact information this project.
  - Contact Name: Mara Johnson
  - Address: 12520 Ulmerton Road
  - City: Largo
  - State: FL
  - Zip: 33774
  - Phone: (727)582-2866
  - Email: mljohnson@pinellas.gov
- Secondary Contact Name- This should be different than the primary contact listed above.
  - Secondary Contact Name: Dan Glaser
  - Secondary Contact Phone: 727-464-5209
  - Secondary Contact Email: dglaser@pinellas.gov
- Entity/Sponsor Name: Pinellas County
- Project Title: Philippe Park Wastewater Collection System Improvements
- Please select all grant programs for which you seek to apply and are eligible:
  - Water Quality Improvement Grant
  - Indian River Lagoon Water Quality Improvement Grant
  - Caloosahatchee Water Quality Improvement Grant
  - Biscayne Bay Water Quality Improvement Grant
- Project Description-In 750 characters or less, a concise project description will be able to answer three questions: what, where and why. What type of project is being implemented; where is the nearest neighborhood or waterbody this project is benefiting; and why the project is being implemented (intended purpose or benefit)?
  - The purpose of the Philippe Park Wastewater Collection System Improvements located in Safety Harbor, Florida and adjacent to Upper Old Tampa Bay is to replace four failing onsite septic treatment systems at four existing public restrooms in an archeologically sensitive, well-attended, public park. The new system will include four new wastewater pumping stations with connected force mains that will be collected and treated within an existing wastewater collection system managed by the City of Safety Harbor, Florida. Philippe Park is bound on the east by Upper Old Tampa Bay, and on the north, south, and west by residential neighborhoods.
- Please describe how the project will address the sources of nutrients or other pollutants and/or how this project is effective and necessary for restoring water quality.

    - The project will eliminate potential groundwater pollution from four existing onsite septic treatment systems at four public restrooms by collecting the wastewater and pumping it to an existing wastewater collection system for permitted treatment and disposal.
- Enter the county and/or counties in which the project is located.
    - Pinellas County, FL
- What is the targeted waterbody for this project? (Can include downstream waters.)
    - Upper Old Tampa Bay
- Is the project benefiting a waterbody not attaining nutrient or nutrient-related water quality standards, including an area with a total maximum daily load (TMDL)?
    - Yes/No (By not continuing to dispose to the adjacent groundwater.)
- Is this project located within a basin management action plan (BMAP) area or a reasonable assurance plan area adopted by final order (RAP)?
    - Yes/No
        - Tamp Bay Estuary RAP: https://floridadep.gov/dear/alternative-restoration-plans/content/tampa-bay-estuary-rap
- Is this project located within a Rural Area of Opportunity?
    - Yes/No
- **Project Benefits-** In 250 characters or less, provide a short description of how it will improve water quality and identify the targeted water body.
    - The project will eliminate the potential for future groundwater pollution that may ultimately leach to Upper Old Tampa Bay, since the four existing onsite septic systems at four public restrooms are failing.
- Enter the project benefits below in numeric form. If there is no benefit, the benefit is not known or the benefit is not calculable, enter "0." If benefits are other than those listed below, be sure to describe them in the short description, above**.** Water Quality Benefits:
    - Total Nitrogen reductions (lbs/year)
        - 0
    - Total Phosphorus reductions (lbs/year)
        - 0
        - If you enter 0 for one or more of the water quality benefits above, please indicate which of the following best applies:
            - There is no benefit
            - The benefit is unknown or cannot be calculated
            - This category is not applicable for this project
- **Ancillary Water Quantity Benefits**
    - Water made available within 2 years of project completion (MGD)
        - Approximately 4.8 million gallons of wastewater will be collected and treated in the two years following construction completion.

        - 4.8 million gallons/730 days= 0.00659MGD
    - Storage created upon project completion (MG)
        - 0
        - If you enter 0 for one or more of the water quality benefits above, please indicate which of the following best applies:
            - There is no benefit
            - The benefit is unknown or cannot be calculated
            - This category is not applicable for this project
- **Other Benefits-** If the project has benefits beyond water quality and/or water quantity, please explain.
    - N/A
- Please provide a description of how the above benefits were calculated, including the name of the model or tool used, if applicable. For septic to sewer projects, please use the OSTDS calculations for BMAPs tool found HERE.
    - Approximate wastewater use: 1,648 gallons/day per pump station X 4 pump stations X 365 days/year X 2 years = 4,812,160 gallons.

FUNDING REQUESTS

- Is this a new project or a new phase of an existing project?
    - New Project
    - New Phase
- Does this project have a multi-year project implementation schedule with previous state funds committed to the project, or to a phase of this project?
    - Yes/No
- Anticipated grant funds needed: $2,450,000
- Local funds and/or match commitment: $1,000,000
- Does the grant amount requested include costs for preconstruction activities? (Design, permitting, surveys, etc.)
    - Yes/No
- Total project cost: $3,450,000
- Cost Effectiveness- Describe how this project accomplishes its goals in an affordable, efficient and effective manner. 500 characters.
    - A local qualified professional engineering firm was engaged to provide a cost proposal to design the improvements and to bring these old systems into permitting compliance and strict county utilities operational standards. The county procedures for hiring professionals according to state statute, along with

the stringent county review standards for engineering design, help assure the project deliverable is of the utmost quality and sustainable well into the future.

PROPOSED PROJECT READINESS TO PROCEED

- Estimated design completion at the time of this proposal submittal?
  - 0%
  - 30%
  - 60%
  - 90%
  - 100%
  - No design required
- Has all required permitting been completed?
  - Yes
  - No
  - No permits required
- Please provide relevant status information for each permit not yet completed.
  - Design was completed May 31, 2024, and permitting will be completed by June 30, 2024.
- Estimated completion date of design and permitting:
  - 06/30/2024
- Estimated start date of construction or BMP implementation:
  - 03/01/2025
- Estimated project end date:
  - 04/01/2026
- Does this project have approval from a city council, county board or other governing board to move forward?
  - Yes
  - No. However, the process is final plans are advertised for construction, the county board approves award of the most qualified bidder.
  - N/A
- Identify the parties responsible for operating and maintaining the proposed project and affirmatively state that there is a legal or other commitment to do so. 500 characters.
  - Following construction completion, the Pinellas County Utilities Department will be responsible for operating and maintaining the new wastewater collection system.
- Land ownership status (for construction projects only):
  - Land has been acquired.
- Please select from the following eligible project types for this grant program:
  - Septic-to-Sewer

- If the project selected makes sewer connections available to properties currently served by onsite sewage treatment and disposal systems (OSTDS), please verify that you agree that you will provide notification of the availability of sewer and the requirement to connect within 365 days of the notification, per s. 381.00655, F.S. Proof of such notice will be required in the grant agreement following construction completion and prior to reimbursement.
    - I Agree
- Will connections be required?
    - Yes/No
- What is the facility ID for the receiving wastewater treatment facility?
    - FL0021865
- Does the receiving wastewater facility have *existing* capacity to accept the flow associated with this project?
    - Yes/No
- What is the current level of buy-in or approval from neighborhood for sewer connections?
    - N/A. No new residential sewer connections are part of the project. The project serves four restrooms at the county park.
- Will the requested grant funding be used to subsidize the connections to central sewer?
    - Yes/No
- What other incentives are offered for hooking up to sewer, if any?
    - N/A
- Who will be responsible for the abandonment of OSTDS (septic tanks)?
    - Applicant
    - Homeowner
- How many sewer connections will be made as a result of this project?
    - 0
- How many septic tanks will be abandoned as a result of this project?
    - 4
- How many of those connections are made available to currently vacant parcels to prevent future septic tanks?
    - 0
- How many of the OSTDS targeted by this project are on individual parcels 1 acre or less?
    - All
    - Most (greater than 50% but not all)
    - Some (fewer than 50%, but some)
    - None
- How many of those OSTDS are within 200 meters of a waterbody?
    - 4

- Has the utility established a billing method associated with the new connections (e.g. plans to use potable use data)?
    - Yes/No
- Does the utility have a plan to ensure ongoing maintenance of the system for its usable life?
    - Yes/No
- Is there a public outreach component to the project?
    - Yes/No
    - Please describe. Include key messages and target audience.
        - The key message is the purpose of the project is to eliminate groundwater pollution and leaching of wastewater to Upper Old Tampa Bay. Web page project updates are available and current. No additional public participation is anticipated.
- The project identified is eligible for a Water Quality Improvement Grant as a:
    - Project identified in a wastewater treatment plan, or an OSTDS remediation plan developed pursuant to section 403.067(7)(a)9.a. and b, F.S.
    - Project listed in a city or county capital improvement element pursuant to section 163.3177(3)(a)4.b, F.S.
    - Not Applicable
- Will any monitoring or modeling be included in the project?
    - Yes/No
    - Please provide details (e.g., number of sites, proposed locations, description of what will be monitored or modeled, etc.).
        - N/A
- Are there any innovative technologies being used for the project?
    - Yes/No
    - Please provide details (e.g., links to information on technology or methodology, etc.).
        - N/A
- Is any restoration included in the project?
    - Yes/No
    - Please provide details (e.g., species, habitats, etc.).
        - N/A
- Please provide any additional information that would be beneficial in the evaluation of the project.
    - The project eliminates potential pollution to Upper Old Tampa Bay.
- If you would like to submit any supplemental documents, please email them to DWRAFundingPortal@FloridaDEP.gov, being sure to include the project title in the subject line.

- By choosing YES below, I hereby acknowledge that: (1) information submitted to the Department will become a public record; (2) submittal does not create an agreement, nor does it guarantee funding; (3) I understand the funding is available only to governmental, higher education, or nonprofit entities and I am or represent an eligible entity.
    - ○ Yes