

FY2025

FDEP Springs Funding Application for Projects within the Southwest Florida Water Management District



This application should be completed and emailed with the appropriate calculations and map to Lisa.Laupert@swfwmd.state.fl.us by 5:00PM on October 6, 2023.

1. Applicant Information

Entity Name: Hernando County

Is the Entity designated as an economically disadvantaged community? Yes No

Project Manager Name: Gordon Onderdonk

Project Manager Address: 13365 Cortez Blvd

Project Manager Phone Number: 352-540-3849

Project Manager Email Address: gonderdonk@hernandocounty.us

2. Project Information

Project Name: Septic to Sewer Conversion Study for Northwest Hernando County

Project Type: Waste Water Collection & Treatment (Complete Form A)

Is this a multiyear project? Yes No

Note: For multiyear funding request, please download the [multiyear funding request spreadsheet](#), complete the form, and send in with this application.

What is the anticipated start and end date for the work that will be conducted under this funding request (in MM/YYYY)?

Start Date: 08/2024

End Date: 03/2025

If applicable, list the anticipated start and end dates for the design and construction phases (MM/YYYY).

Design: \$150,000 - Construction: -

Estimated design completion at time of application (enter 0 if design is not yet started):

0 % complete

Are permits required? Yes No

If permits are required, please describe the required permits and the status at the time of application.

3. Project Benefit

Quantity of Water Made Available (mgd): n/a

Land Acquisition within Basin Management Action Plan (acres): n/a

Nitrogen Reduced (lbs/year): n/a

Sediment Reduced (lbs/year): n/a

Please download the [FDEP Springs Funding guidance](#) document. Benefit calculations should be provided demonstrating how the benefit calculation was derived. A Map should be included showing the area of the project and depict notable features.

Please provide a full description of the project. For multiyear funded projects, please provide a description of the complete project, beginning to end, and a description explaining what phase will be covered by this funding request application.

Northwest Hernando County is within the Weeki Wachee and Chassahowitzka Springs which are outstanding Florida Springs impaired due to high Nitrates. One of the main causes of Nitrates is sourced from onsite septic and treatment disposal systems.

This funding application is to study this area and determine the feasibility of converting the existing septic tanks to centralized sewer. The proposed study will identify the needed infrastructure, conceptual costs, and proposed phasing of the work and will also investigate the need for including centralized water in this study area for septic to sewer conversions, since this area is mostly outside of Hernando County's current water service area. The study will also determine the environmental benefit of septic to sewer and the nutrient reduction to Weeki Wachee and Chassahowitzka Springs. The specific area for this study is approximately 13,500 acres and generally described as east of Commercial Way, south of Kelso Street, west of the Suncoast Parkway, and north of Hexam Road, with an emphasis on the properties north of Centralia Rd.

4. Project Funding Information

Are you applying for CFI funding this fiscal year? Yes No

Have you received springs funding or CFI funding for this project in the past? Yes No

Enter the funding amount that has been received and/or is being requested:

	Previous	FY2025	Future	Total
FDEP Springs Funding		\$ 150,000.00		\$ 150,000.00
WMD CFI Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 150,000.00	\$ 0.00	\$ 150,000.00

If CFI funding was not applied for, please move to Section 5. In the event this project is not awarded CFI funding, please use the table below to reflect how the costs will be handled without CFI funding.

	Previous	FY2025	Future	Total
FDEP Springs Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

5. Project Location Information (please submit a map with this application)

County Hernando

Latitude (decimal degrees)

Longitude (decimal degrees)

What is the spring name that will receive the benefit? Weeki Wachee and Chassahowitzka

Is this spring deemed impaired? Yes No

What is the distance from the project to the spring receiving the benefit? Varies but several miles

Is this project in a Basin Management Action Plan (BMAP)? Yes No

Is this project in the Priority Focus Area (PFA) of the BMAP? Yes No

Is this project listed in the BMAP project list? Yes No No, but will be in an update

BMAP project number:

Is this project listed in a recovery strategy, prevention strategy, or regional water supply plan

as benefiting an MFL? Yes No If yes, please describe below:

Strategy name:

Project number:

Project name as listed:

Please describe any other recovery, prevention, or regional water supply plans or strategies

this project is part of:

n/a

Please download the [FDEP Springs Funding guidance document](#). Benefit calculations should be provided demonstrating how the benefit calculation was derived. A Map should be included showing the area of the project and depict notable features.

Provide any additional information below that is pertinent to the review of this application. Include information on any existing ordinances, capital improvement plans, or master plans.

none

Don't forget to submit

- Benefit Calculations
- Map
- Form A (Wastewater Collection and Treatment Projects)
- Form B (Water Quantity Projects & Reuse)
- Form C (Land Acquisition Projects)

Please contact Frank Gargano with any questions prior to submittal. Frank.Gargano@swfwmd.state.fl.us

Form A: Wastewater Collection & Treatment Projects Only - Page 1

What is the name of the wastewater treatment facility where the project intends to send flows once connected to sewer:

The Glen Water Reclamation Facility

What is the facility ID of the wastewater treatment facility where the project intends to send flows once connected to sewer:

FLA012069-023-DW1P

What level of treatment is offered at the wastewater treatment facility?

Advanced Wastewater Treatment will be available in 2026

At the wastewater treatment facility, where is the final treated wastewater sent?

Reclaimed



What is the current capacity of the wastewater treatment facility (mgd)?

3

What is the annual average of flow received by the wastewater treatment facility (mgd)?

2

What is the annual average of total nitrogen leaving the treatment facility (mg/L)?

6

How much additional flow will be received by the treatment facility due to the project (mgd)?

TBD

Please describe any proposed costs for the resident/property owner for connection to sewer. Will connection and/or impact fees be charged? If so, how much are the fees? What will the fees cover?

to be determined

Is any land acquisition necessary? If so, please describe below.

to be determined

Yes

No

What length of forcemain and pipe sizing is necessary? Please describe below.

to be determined

Don't forget to submit benefit calculations

Form A: Wastewater Collection & Treatment Projects Only - Page 2

Septic to Sewer Conversion Projects Complete this Section:

How many parcels will be serviced once sewer is connected through this project?

TBD

How many existing septic tanks will be connected to sewer through this project?

TBD

Please provide the source(s) (e.g., property appraisals, FDEP databases, plumber field assessments, GIS layers) for determining which parcels have existing septic tanks.

TBD

How many of the septic tanks in this project are commercial or industrial tanks?

TBD

If commercial tanks are included in this project, provide type of commercial use and heated/ac square footage of the associated buildings below.

TBD

How many of the septic tanks service multi-family homes? TBD

Is there a local ordinance in place that requires proper abandonment of septic system and connection to an available sewerage system, as defined by in Section 381.0065(21), Florida Statutes (F.S.)?

Yes No

If yes, please provide a reference to the local ordinance.

Chapter 28

Describe any complementary efforts in developing, implementing, and enforcing water quality ordinances.

TBD

Package Plant Conversion Projects Complete this Section:

What is the annual average flow (actual, not permitted) from the package plant (mgd)?

n/a

What is the annual average concentration (actual, not permitted) of total nitrogen (mg/L)?

n/a

Don't forget to submit benefit calculations

Form B: Water Quantity Projects

For Agricultural Projects associated with irrigation system efficiency improvements:

Proposed irrigation system efficiency (%):

Prior irrigation system efficiency (%):

Average metered water use for the past 5 years (mgd):

For Reclaimed Water Projects:

Note: Refer to Appendix D of the [Springs Funding Guidance](#) for how to calculate the following:

Projected Reuse Flow (mgd):

Percent Offset (%):

Was Percent Offset determined by Table 1 of the Springs Funding Guidance?

Yes No

Percent Recharge (%):

Is there an existing water use permit? Yes No

If yes, please list the permit number.

What diameter and length of forcemain are necessary? Please describe below.

What pump size is necessary? Please describe below.

Please describe the number and/or approximate size of the parcel(s) being serviced (e.g., 123 residential irrigation customers, 10 acre county park).

Don't forget to submit benefit calculations

Form C: Land Acquisition Projects Only

Please describe land use both current and future (e.g., conservation easement to reduce agriculture intensity, land acquired for restoration efforts, conversion of land zoned as residential to open space/conservation). If mixed, depict acreage for each land use.

Does a portion of the land to be acquired lie outside of the BMAP? Yes No

Please note, the portion of land outside of a BMAP for a land acquisition project should not be included in reporting acreage preserved.

Does the parcel adjoin public lands or easements? Yes No

Will the land be held in conservation in perpetuity? Yes No

Based on [FDEP's NSILT recharge tool](#), what recharge area is the majority of the land located?

High Medium Low

Has an evaluation of the fair market value been completed? Yes No
If yes, please include supporting documents with the application.

Will the land have public access and/or public education components? Yes No
If yes, please describe below.

Will a land management plan be in place at the time of acquisition? Yes No
If yes, please describe below.

Don't forget to submit fair market value documentation