

FDEP Springs Funding FY2026 Applications

November 6, 2024

**My Home.
My Springs.**

Southwest Florida
Water Management District

#MySprings

FY2026 FDEP Springs Funding Applications Received								
Unit Number	Applicant	Project	Nitrogen Reduction (lbs/yr)	FDEP Request	WMD Request	Local Match	Other Funding	Total
APP01	Hernando County	Hernando County Northwest Hernando Septic to Sewer Feasibility Study	-	\$ 150,000				\$ 150,000
APP02	Hernando County	Hernando County Private Package Plant Connections	266	\$ 5,000,000				\$ 5,000,000
APP03	Hernando County	Septic to Sewer District A Sewer Shed 5	2,650	\$ 19,504,643				\$ 19,504,643
APP04	Pasco County	Weeki Wachee Septic to Sewer Project	2,592	\$ 2,005,927				\$ 2,005,927
APP05	Pasco County	Wesley Chapel Center WWTP Expansion Phase 1		\$ 7,000,000		\$ 2,000,000		\$ 9,000,000
APP06	Pasco County	Aripeka Septic to Sewer	243	\$ 14,700,000				\$ 14,700,000
	Application Count:	6	5,751	\$ 48,360,570	\$ -	\$ 2,000,000	\$ -	\$ 50,360,570

APP01

Hernando County

Northwest Hernando Septic to Sewer
Feasibility Study

FY2026

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 4, 2024.

1. Applicant Information

Entity Name: Hernando County Utilities Department

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

Project Manager Name: Ron Patel

Project Manager Address: HCUD, 15365 Cortez Blvd, Brooksville, FL 34613

Project Manager Phone Number: 352-540-6792

Project Manager Email Address: rpatel@co.hernando.fl.us

2. Project Information

Project Name: Northwest Hernando Septic to Sewer Feasibility Study

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: 1/1/2026

End Date: 10/31/2026

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

Design: 3/1/2027 - 12/31/2027 Construction: 3/1/2028 - 12/31/2031

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.

FDEP permit will be applied prior to the construction phase, as needed.

3. Project Benefit

Quantity of Water Made Available (mgd): TBD

Land Acquisition within Basin Management Action Plan (acres): None

Nitrogen Reduced (lbs/year): TBD

Sediment Reduced (lbs/year): None

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.

Hernando County Utilities Department is seeking a study for converting septic tanks to a centralized conventional gravity sewer system in the northwestern area of county. The proposed study will identify phasing options to convert septic tanks to centralized gravity sewer utilizing a cost to benefit ratio basis. The benefit will consider the reduction in amount of nutrients discharged from the septic tanks 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.

The study 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 the HCUD's current water service area. The benefit would consider the reduction in amount of nutrients discharged from the septic tanks to the water sheds. The feasibility study will determine any net environmental benefits for Septic to Sewer in this region.

This project will connect several residence in the northwest quadrant of county to the central wastewater collection system. The treated wastewater will result in additional availability of reclaimed water for potential reuse or aquifer recharge, and will reduce nutrient loading to the local spring sheds. The project will increase County's sanitary sewer conveyance capacity, prevent water contamination, & assist in preserving healthy environment & quality of life. The amount of nitrogen discharged to the groundwater within the BMAP area will be reduced.

This application is for seeking a study for converting septic tanks to a centralized conventional gravity sewer system, in the northwestern area of Hernando County, and will assist to apply for future funding through the FDEP & SWFWMD funding program for finishing the design and construction in subsequent springs funding cycles. The study 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 the HCUD's current water service area.

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 anticipated project budget and cost breakdown:

Description	FDEP	Applicant	District	Other	Total
Design					
Construction					
Fees (e.g., impact or connection)					
Other					
Total					

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

	Previous	FY2026	Future	Total
FDEP Springs Funding				\$ 0.00
WMD CFI Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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	FY2026	Future	Total
FDEP Springs Funding	\$ 150,000.00			\$ 150,000.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 150,000.00	\$ 0.00	\$ 0.00	\$ 150,000.00

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

County Hernando

Latitude (decimal degrees) 28.580660681804712

Longitude (decimal degrees) -82.49539295917968

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

Is this spring deemed impaired? ☒ Yes ☐ No

What is the distance from the project to the spring receiving the benefit? 6

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:

This project is not on the recovery, prevention, or regional water supply plans or any
other strategies but is intended to be incorporated in the next Annual Update, as
needed.

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.

Consultant will estimate the nutrient loading from septic tanks in one (1), five (5), and ten (10) year travel times within each water shed. Estimates will be based on published EPA documents for average nitrogen loading per OSTDS and hydrogeologic conditions within the Weeki Wachee and Chassahowitzka water sheds.

Upon completion of design and construction, this project will connect several residence in the northwest quadrant of county to the central wastewater collection system. The treated wastewater will result in additional availability of reclaimed water for potential reuse or aquifer recharge, and will reduce nutrient loading to the local spring sheds. The project will increase County's sanitary sewer conveyance capacity, prevent water contamination, & assist in preserving healthy environment & quality of life. The amount of nitrogen discharged to the groundwater within the BMAP area will be reduced.

Hernando County Ordinance: Chapter 28 Utilities

The Hernando County Board of County Commissioners (BOCC) has approved an ordinance requiring mandatory sewer connection when it is available. The BOCC has also established a municipal services benefit unit (MSBU) to assess fees in the neighborhood for the local funding contribution.

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 Carrieann Adkins with any questions prior to submittal. Carrieann.Adkins@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:

Glen Subregional 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

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

Project is under design & funded to achieve AWT standards for TN (3 mg/l)

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

Reclaimed

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

3.0

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

2.0

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

Approx 5 mg/l

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

TBD

How many households or properties will this project service once complete?

TBD

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

Connection fees will be charged to the resident which are currently \$3,544 per residential unit. These fees cover the capital cost of the treatment facility and subregional pump stations.

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



Yes



No

Lift station sites may require an easement for access. This will be determined during 30% design.

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

The main forcemain size approx. 6") will be determined during the design phase.

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. (by reviewing property property appraisals data, and GIS information)

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.

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.

Section 28-238 of the Hernando County Code of Ordinances

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

Hernando County Utilities department has recently revised the County's fertilizer ordinance imposing a summertime restriction for applying fertilizers containing Nitrogen.

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.

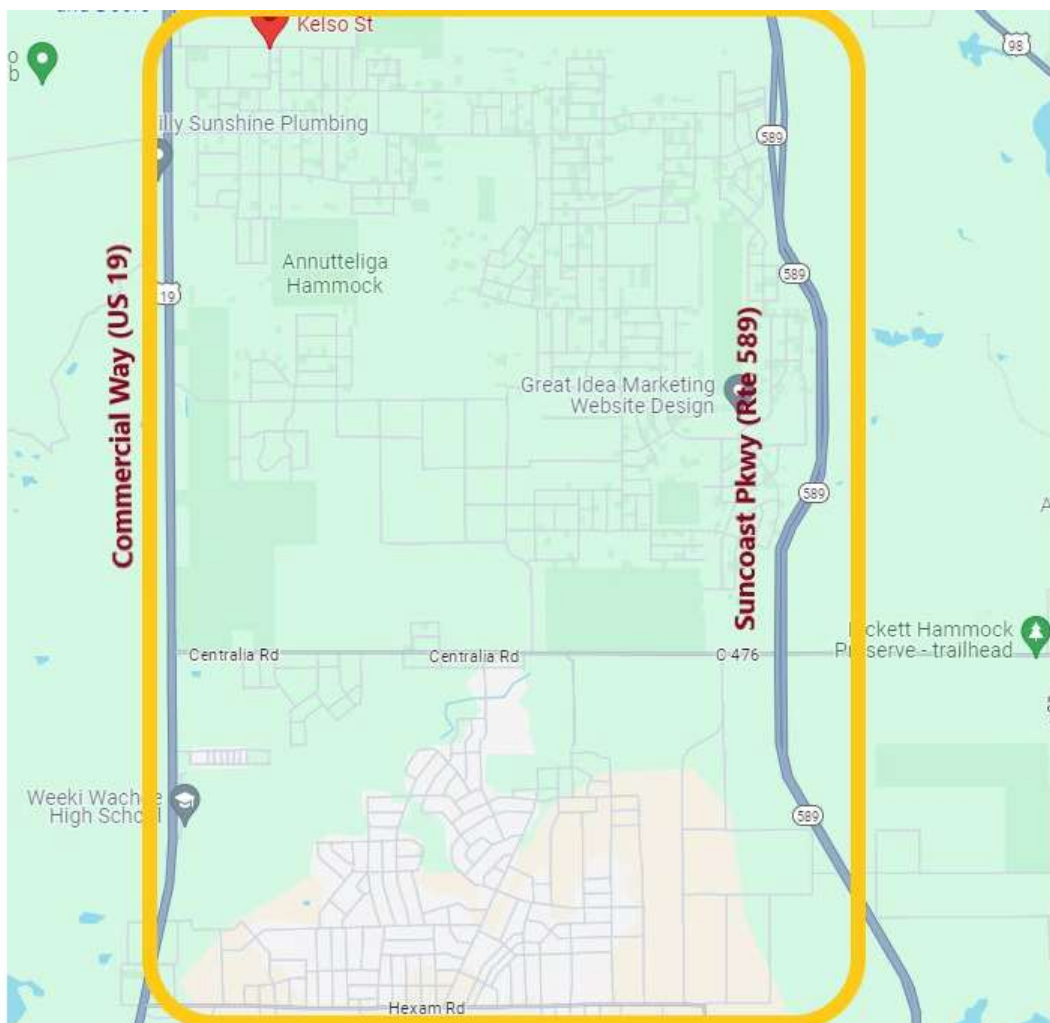
Will the land have public access and/or public education components? ☐ Yes ☐ No
If yes, please describe below.

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

Northwest Hernando Septic to Sewer Feasibility Study

Project Map



APP02

Hernando County

Private Package Plant Connections

FY2026

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 4, 2024.

1. Applicant Information

Entity Name: Hernando County Utilities Department

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

Project Manager Name: Ron Patel

Project Manager Address: HCUD, 15365 Cortez Blvd, Brooksville, FL 34613

Project Manager Phone Number: 352-540-6792

Project Manager Email Address: rpatel@co.hernando.fl.us

2. Project Information

Project Name: Hernando County Private Package Plant Connections

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: 01/01/2026

End Date: 12/31/2029

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

Design: 07/01/2018 - 11/30/2023 Construction: 01/01/2026 - 12/31/2029

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

95 % complete

Are permits required? ☒ Yes ☐ No

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

HCUD anticipate various permits for this project, as needed. FDEP Permit for the wastewater collection system, NPDES permit, Gophers Tortoise survey permit, Hernando County Dept. of Public Works permit for construction on a public ROW, SWFWMD Storm-water permit, Hernando County building permit (required for pump house building, if any)

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): 266

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.

Several package plants are in close proximity to first order magnitude springs and are within first order magnitude springsheds. Weeki Wachee and Homosassa have been deemed to be impaired waterbodies under Chapter 61-303(d) F.A.C. due to nutrient levels. This project is the continuation of the County's effort to provide wastewater service to existing private wastewater package plants (Weeki Wachee North Mobile Home Park, Topics RV Resort, Frontier Mobile Home Park, and Countryside Mobile Home Park) adjacent to Weeki Wachee Springs and within the Weeki Wachee springsheds. This project will improve water quality by demolishing existing private wastewater package plants and replacing them with lift stations to connect to the County's central wastewater collection system.

The County is working on completing 100% of the design and over 95% is currently finished. With the current cost estimates, there is only enough grant funding to complete one of the four lift stations needed. Hernando County Utilities Department would like to request additional funding from the State. The current shortfall to construct the remaining three totals approximately \$5.0 million.

Weeki Wachee Springs is impaired with high nitrates and has a Basin Management Action Plan developed by the state to address this issue. This plan requires Hernando County to reduce the amount of nitrogen discharged to the groundwater within the BMAP area. The Hernando County Private Package Plant Connections project will connect Weeki Wachee North Mobile Home Park, Topics RV Resort, Frontier Mobile Home Park, and Countryside Mobile Home Park private wastewater package plants to the Hernando County's central wastewater collection system.

This project will result in additional availability of reclaimed water for potential reuse or aquifer recharge, and will reduce nutrient loading to the local spring sheds. The project will increase County's sanitary sewer conveyance capacity, prevent water contamination, & assist in preserving healthy environment & quality of life.

Construction funding through FDEP is essential to build this project.

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 anticipated project budget and cost breakdown:

Description	FDEP	Applicant	District	Other	Total
Design					
Construction	\$ 8,750,002				
Fees (e.g., impact or connection)					
Other					
Total	\$ 8,750,002.00				

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

	Previous	FY2026	Future	Total
FDEP Springs Funding	\$ 3,432,970.00	\$ 5,000,000.00		\$ 8,432,970.00
WMD CFI Funding				\$ 0.00
Local Funding	\$ 317,032.00			\$ 317,032.00
Other Funding				\$ 0.00
Total	\$ 3,750,002.00	\$ 5,000,000.00	\$ 0.00	\$ 8,750,002.00

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	FY2026	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) 28.53491724064014

Longitude (decimal degrees) -82.4749231338501

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

Is this spring deemed impaired? ☒ Yes ☐ No

What is the distance from the project to the spring receiving the benefit? Approx. 8 miles (varies)

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: HC -05

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:

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.

1. This project is part of the County's 5 year capital improvement program.
2. As per the Hernando County's Wastewater Master Plan, Strategy 6.01D(3): No new package plants shall be permitted except as a temporary measure. Developments allowed to utilize package plants shall enter into an agreement for service and be required to connect to central facilities when they are available.
3. Weeki Wachee and Homosassa have been deemed to be impaired waterbodies under Chapter 61-303(d) F.A.C. due to nutrient levels.

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 Carrieann Adkins with any questions prior to submittal. Carrieann.Adkins@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:

Flows from Weeki Wachee North & Frontier will go to Glen WRF, and from Topics will go to

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

Glen WRF - FLA012069, Airport Plant - FLA017223

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

Disinfection dosing system, producing public-access reuse water, and funded

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

Reclaimed

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

Glen - 3.0 mgd, Airport - 3.5

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

Glen - 2.0 mgd, Airport

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

Approximately 5 mg/L

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

Approximately 0.071 mgd

How many households or properties will this project service once complete?

4 mobile home properties

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

N/A

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

☐ Yes

☒ No

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

Approximately 19,450 LF of pipe (of various sizes) needed for all four package plants locations.

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?

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

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

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

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

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

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.

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

Package Plant Conversion Projects Complete this Section:

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

0.038 mgd

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

10.09 mg/L

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

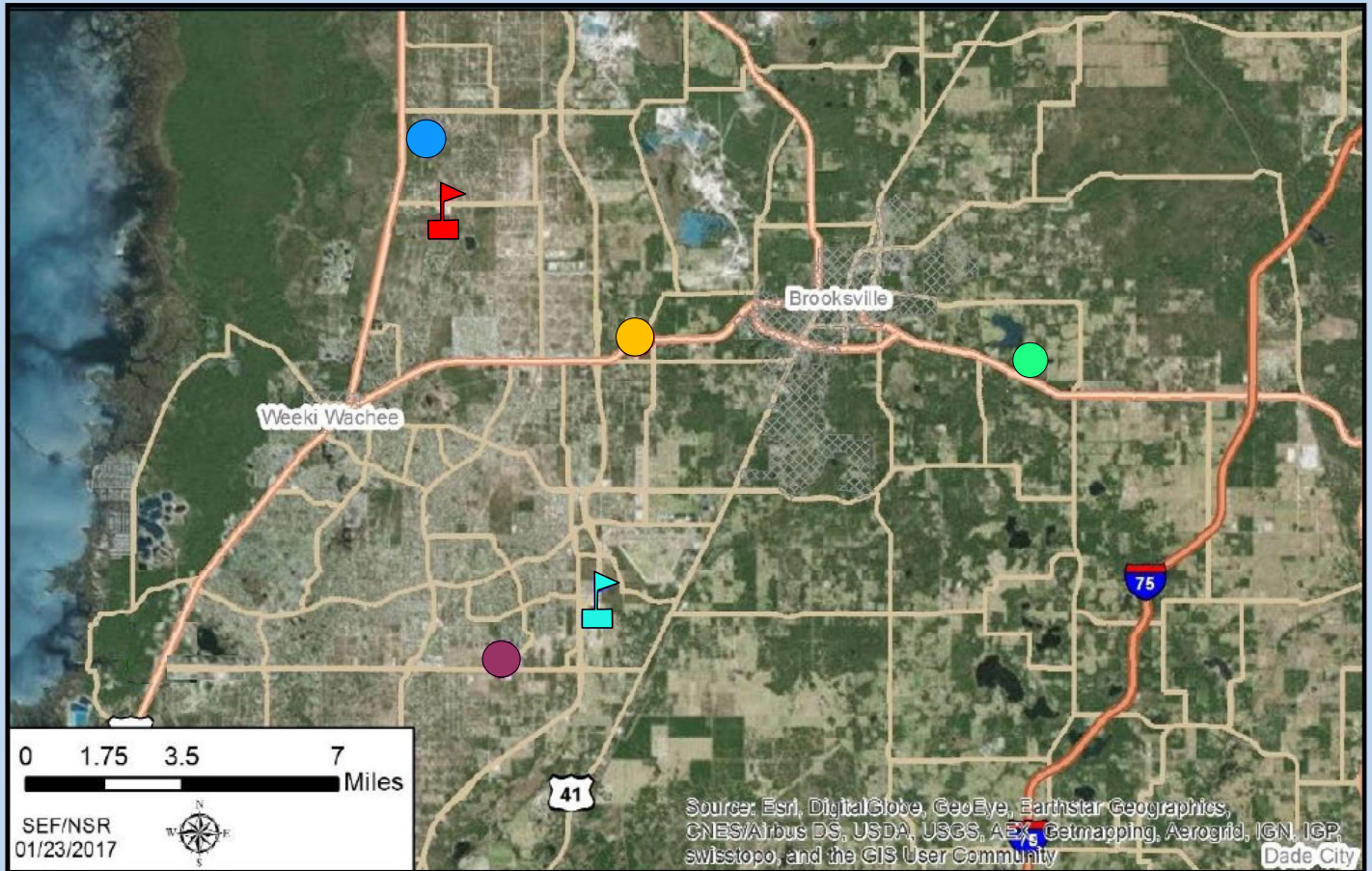
Has an evaluation of the fair market value been completed? ☐ Yes ☐ No
If yes, please include supporting documents with the application.

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

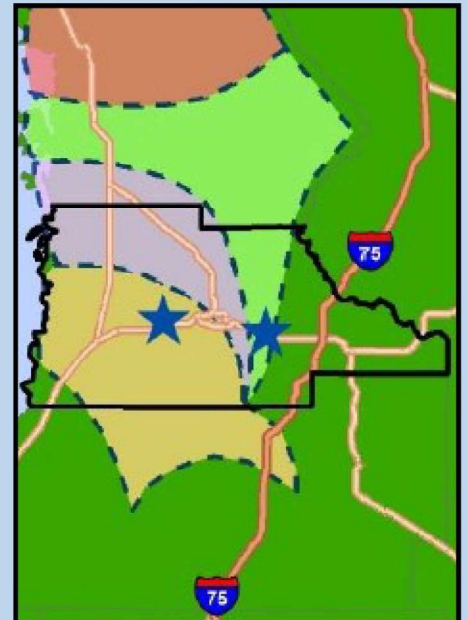
Will a land management plan be in place at the time of acquisition? ☐ Yes ☐ No
If yes, please describe below.

Don't forget to submit fair market value documentation

Hernando County's Package Plant Connection Project for FY2026 FDEP Springs Funding Application



- | Receiving Facilities | Decommissioned Facilities |
|-----------------------------------|---------------------------|
| Glen Water Reclamation Facility | Frontier Campground MHP |
| Hernando Airport Subregional WWTF | Topics RV Community WWTF |
| | Weeki Wachee North MHP |
| | Countryside Estates MHP |



Southwest Florida
Water Management District

- Chassahowitzka
- Crystal River -Kings Bay
- Homosassa
- Rainbow Springs
- Weeki Wachee

Revised 8.20.2024

	WWTP TN conc.	MGD	Using 8.97 TN conc	Proj Benefit - using 15.35 TN conc.	Cost effectiveness	Reduction in nutrient loading
Frontier connecting to Glen (secondary/reuse)	Use 2.99	0.009	148	266	\$1,098.17	266
Weeki Wachee connecting to Glen (secondary/reuse)	Use 2.99	0.014	230	413	\$705.96	413
Topic connecting to Airport (advanced/RIBs)	Use 1.3	0.011	173	318	\$917.90	318
		0.034	551	997	\$907.34	997

Project cost	8750002
cost/lb TN	8776
Cost/lb TN /30 years	293

	WWTP TN conc.	MGD	Using 8.97 TN conc	Proj Benefit - using 15.35 TN conc.	Cost effectiveness	Reduction in nutrient loading
Frontier connecting to Glen (secondary/reuse)	Use 2.99	0.009	148	266	\$1,098.17	266
Weeki Wachee connecting to Glen (secondary/reuse)	Use 2.99	0.014	230	413	\$705.96	413
Topic connecting to Airport (advanced/RIBs)	Use 1.3	0.011	173	318	\$917.90	318
Countryside connecting to Ridge Manor (sec Use 2.81)		0.004	51	103	\$2,828.18	103
		10.09	602	1100	\$1,387.55	1100

Project cost	8750002
cost/lb TN	7955
Cost/lb TN /30 years	265

APP03

Hernando County

Septic to Sewer District A Sewer Shed 5

FY2026

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 4, 2024.

1. Applicant Information

Entity Name: Hernando County Utilities Department

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

Project Manager Name: Ron Patel

Project Manager Address: HCUD, 15365 Cortez Blvd, Brooksville, FL 34613

Project Manager Phone Number: 352-540-6792

Project Manager Email Address: rpatel@co.hernando.fl.us

2. Project Information

Project Name: Septic to Sewer District A Sewer Shed 5

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: 1/1/2027

End Date: 12/31/2029

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

Design: - Construction: 1/1/2027 - 12/31/2029

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

100 % complete

Are permits required? ☒ Yes ☐ No

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

FDEP permit will be applied prior to the construction phase, as needed.

3. Project Benefit

Quantity of Water Made Available (mgd): TBD

Land Acquisition within Basin Management Action Plan (acres): None

Nitrogen Reduced (lbs/year): 2650

Sediment Reduced (lbs/year): None

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.

Weeki Wachee Springs is impaired with high nitrates and has a Basin Management Action Plan developed by the state to address this issue. This plan requires Hernando County to reduce the amount of nitrogen discharged to the groundwater within the BMAP area. Florida Department of Environmental Protection funded the county's OSTDS Remediation Feasibility Analysis Report to address the septic tanks that are contributing to the nitrogen loading. This feasibility analysis identified areas for completing septic to sewer conversions that would be appropriate.

Septic to Sewer District A is the closest area to the spring and was determined to have the most immediate impact. This district has been divided into two phases (phases 1 and 2). Phase 1, which has three sewer sheds (2, 5, and 6) is currently fully designed. Current State Grant funding covers cost to construct sewer shed 2 and 6. Based on available funding, County has planned for construction in beginning of Fall of 2024. This application is to construct sewer system necessary to convert connections from 281 parcels from septic systems to centralized sewer in sewer shed 5.

Sewer system will be installed to accommodate all individual connections within the area including residential and commercial properties, and those currently undeveloped. The targeted neighborhood has been identified as a priority for eliminating nitrogen from septic tanks in the Weeki Wachee spring shed. This project includes demolition of septic tanks removed from service and restoration of private property and roads. The project, defined as Sewer Shed 5, is located in close proximity to the spring, South of State Highway 50 and East of US Highway 19, in Spring Hill Florida.

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 anticipated project budget and cost breakdown:

Description	FDEP	Applicant	District	Other	Total
Design	\$1,122,092.00				
Construction	\$16,739,490.00				
Fees (e.g., impact or connection)	\$ 1,643,061.00				
Other					
Total	\$19,504,643.00				

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

	Previous	FY2026	Future	Total
FDEP Springs Funding				\$ 0.00
WMD CFI Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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	FY2026	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 County

Latitude (decimal degrees) 28.517037

Longitude (decimal degrees) -82.558764

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

Is this spring deemed impaired? ☒ Yes ☐ No

What is the distance from the project to the spring receiving the benefit?

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: HC-05

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:

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.

This project is part of the County's 5 year capital improvement program. The Hernando County Board of County Commissioners (BOCC) recently approved an ordinance requiring mandatory sewer connection when it is available. The BOCC has also established a municipal services benefit unit (MSBU) to assess fees in this neighborhood for the local funding contribution. This project is also part of Hernando County's Wastewater Master Plan.

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 Carrieann Adkins with any questions prior to submittal. Carrieann.Adkins@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

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

Project is under design and funded to achieve AWT standards for TN (3 mg/l)

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)?

Approx. 5 mg/l

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

0.0562 mgd

How many households or properties will this project service once complete?

281

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

Connection fees will be charged to the resident which will be determined per residential unit. These fees cover the capital cost of the treatment facility and subregional pump stations.

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



Yes



No

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

Sewer shed 5 has 1 lift station, 394 linear feet of 4" force main, 1241 linear feet of 1-1/4" force main, and 17,693 linear feet of (6" and 8") gravity sewer.

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?

287

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

All

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

Single family home counts, GIS layers, and property appraisals.

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

For this phase they are all single family residential.

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

N/A

How many of the septic tanks service multi-family homes? 0

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.

Section 28-238 of the Hernando County Code of

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

Hernando County has recently revised the County's fertilizer ordinance by imposing summertime restriction for applying fertilizers containing Nitrogen.

Package Plant Conversion Projects Complete this Section:

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

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

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

Sewershed 5

Funding request for 5 — area to be constructed

2, 6 — To be constructed under different funding



Calculate Load reduction from S2S District A, Phase 1, Sewer Shed 5 - Hernando County

(Input from septic systems X 0.5 X recharge factor for area) –

(Input from septic system X percent N remaining after treatment X attenuation factor of WW application method X recharge factor)*

(23.7 lb/yr home X 0.5 X 0.9) –

$((200\text{gpd/home} \times \text{MGD}/1,000,000 \text{ gal} \times 8.34 \times 30 \text{ mg/l} \times 365 \text{ day/yr}) \times 0.1 \times 0.75 \times 0.9]$

= 9.432 lb TN/yr reduced per septic tank converted

9.432 lb TN/yr x 281 homes = 2,650 lb TN removed/year

* Page 21 of Springs Funding Guidance

APP04

Pasco County

Weeki Wachee Septic to Sewer Project

FY2026

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 4, 2024.

1. Applicant Information

Entity Name: Pasco County Utilities

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

Project Manager Name: Gerrit Van Lent

Project Manager Address: 19420 Central Blvd. Land O' Lakes, Florida, 34637

Project Manager Phone Number: (272) 602-0926

Project Manager Email Address: gvanlent@pascocountyfl.net

2. Project Information

Project Name: Weeki Wachee Septic to Sewer Project

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: 10/2026

End Date: 05/2028

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

Design: 10/2026 - 4/2027 Construction: 5/2027 - 5/2028

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.

Septic tank abandonment permits will be needed as well as related permitting for any new wastewater infrastructure, permitting has not begun.

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): 2592

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.

The Weeki Wachee Septic to Sewer Project would remove onsite sewage treatment and disposal systems (OSTDS) for a neighborhood in the Weeki Wachee BMAP area. A Feasibility study done by the utilities identified Weeki Wachee BMAP Potential Conversation group W112 as a cost effective and feasible septic to sewer project. Group W112 has a total of 267 parcels, mostly consisting of single family homes. Grant funds would cover preconstruction and design activities as well as the installation of a collection system, lift stations, as well as road and restoration work. The resulted decommissioning of 267 septic systems would reduce nitrogen and other nutrient flow in the Weeki Wachee Springs BMAP area.

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 anticipated project budget and cost breakdown:

Description	FDEP	Applicant	District	Other	Total
Design	2,005,927.00				
Construction	12,034,350.00				
Fees (e.g., impact or connection)					
Other	180,813.00				
Total	14,221,090.00				

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

	Previous	FY2026	Future	Total
FDEP Springs Funding		\$ 2,005,927.00	\$ 12,034,350.00	\$ 14,040,277.00
WMD CFI Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 2,005,927.00	\$ 12,034,350.00	\$ 14,040,277.00

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	FY2026	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 Pasco County

Latitude (decimal degrees) 28.430171249348977

Longitude (decimal degrees) -82.58292881396129

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

Is this spring deemed impaired? ☒ Yes ☐ No

What is the distance from the project to the spring receiving the benefit? 6.18 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: n/a

Project number: n/a

Project name as listed: n/a

Please describe any other recovery, prevention, or regional water supply plans or strategies this project is part of:

None.

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.

We have also applied for a FDEP Springs grant for this project, but that was for a FY 24/25 grant.

If we go with a multi-year funding plan, the first year would be the preconstruction amount and the second year amount would be for construction.

In section 4, The "Other Amount" covers the on-lot costs including plumbing connections and existing septic system abandonment, as well as total land acquisition costs. They were lumped together by our consultant in our feasibility study.

There are no matching funds available for this project.

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 Carrieann Adkins with any questions prior to submittal. Carrieann.Adkins@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:

AIRPORT WWRF

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

FLA017223

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

Soon to be advanced wastewater treatment facility

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

Rapid Infiltration Basin (RIBs)

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

3.5 mgd, 6 mgd soon

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

2.5 mgd

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

Unknown by Pasco Cour

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

Total AADF (gpd): 58,700

How many households or properties will this project service once complete?

303 ERUs/267 Parcels

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

Proposed unit costs to the homeowner:

1. 6" Service Connection - \$1,991
2. Onsite Plumbing Cost 160-feet @ 24.50/LF - \$3,920
3. Septic System Abandonment - \$677

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



Yes



No

According to our study, 3 lift stations would be needed for the project, so land acquisition is necessary.

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

The identified POC for this project is a Hernando County 16-inch forcemain running along County Line Rd. Pasco County has a contract with Hernando County, which would allow a 4-inch connection. Our estimation for Pipe Diameter is 4 inches.

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?

267

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

267

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

Our consultant used GIS and property appraiser data when creating this feasibility study.

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

0

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

n/a

How many of the septic tanks service multi-family homes? 0

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.

Code 1970, § 26-84; Ord. No. 87-10, § 4, 3-24-87; Ord. No. 93-19, § 2, 9-8-93; Ord. N

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

n/a

Package Plant Conversion Projects Complete this Section:

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

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

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.

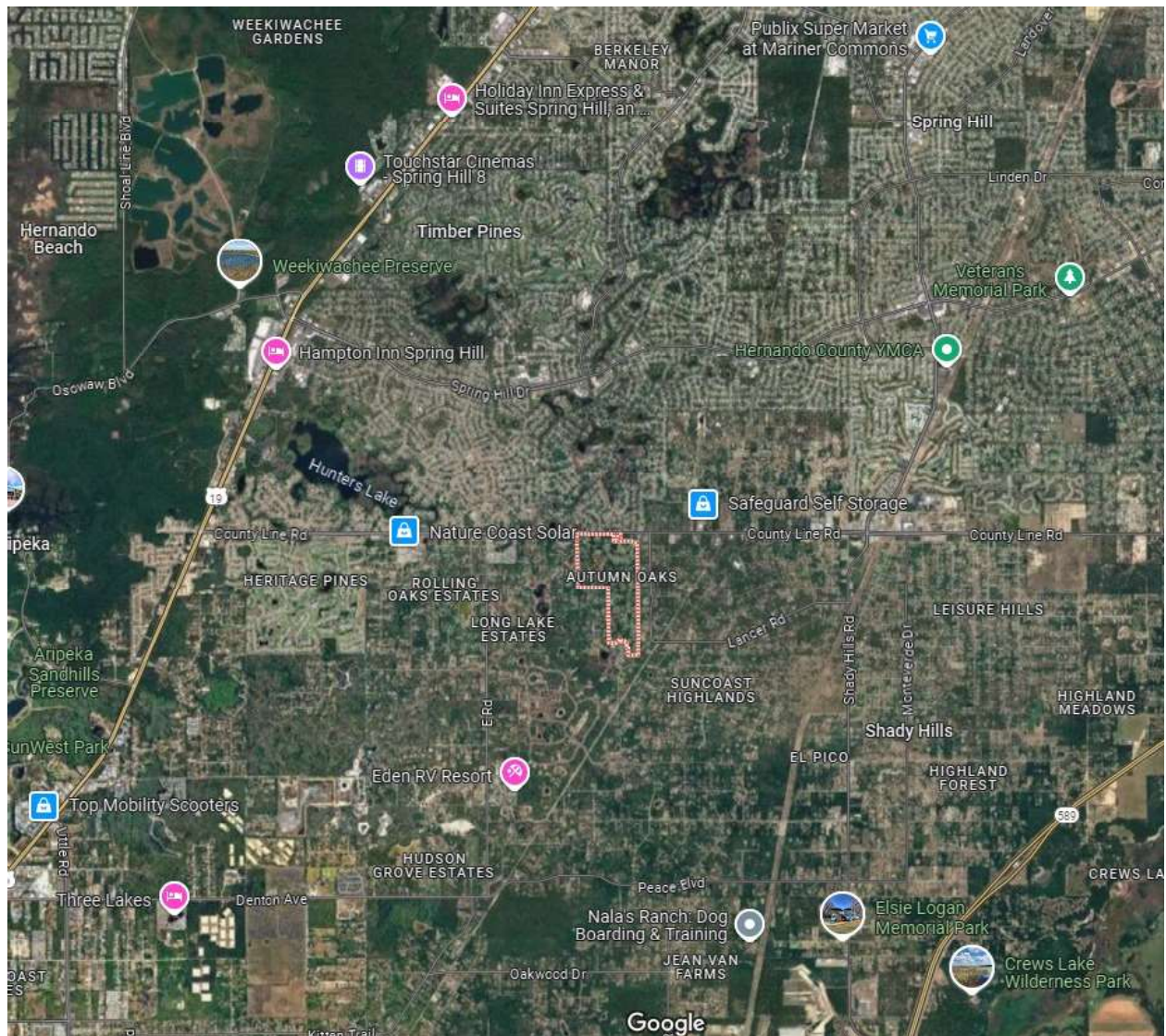
Don't forget to submit fair market value documentation

Weeki Wachee S2S Project Maps for Springs Grant

Figure 1. Neighborhood parcel map



Figure 2. Larger Area Map



**Springs RESIDENTIAL OSTDS Loading Calcs (Spring BMAPs ONLY)
Required for BMAP Springs Credit Calculations**

Only complete green cells

Select County Where Project is Located (Select from Drop Down)	Persons Per Household (Populated When County Is Selected)	TN Load Per Person (lbs/Yr)	Treatment Rate in Septic Field (%)
Alachua	2.54	9,012	50%

Calculation Table (auto-generated based on county selected)

Recharge Category	Conventional OSTDS TN Load to Groundwater (lbs/Yr/OSTDS)	TN Reduction to Groundwater (lbs/Yr/OSTDS)	
		Enhanced OSTDS	Sewered OSTDS
Nitrogen Input	22.89		
Attenuation	11.4		
Low Recharge	1.1	0.7	1.1
Medium Recharge	5.7	3.7	5.4
High Recharge	10.3	6.7	9.8

PFA = Priority Focus Area (highly sensitive area in each spring BMAP)

PFA Maps are available in each springs BMAP, posted here: <https://floridadep.gov/dear/water-quality-restoration/content/basin-management-action-plans-bmaps>

PFA GIS files can be downloaded here: https://geodata.dep.state.fl.us/datasets/8a6f9e78959d48849e65f96c628eb883_1?geometry=-93.623%2C27.975%2C-72.716%2C31.316

Recharge areas GIS files can be downloaded here: <http://publicfiles.dep.state.fl.us/DEAR/BMAP/Outstanding%20Florida%20Spring%20BMAPs/GIS/Select%20Spring%20Recharge%20Layer/>

Enhancement Table--OSTDS With Additional Nitrogen Treatment Installed

Recharge Area (See Link Above to Review Recharge Type at Project Site)	Enhanced OSTDS Inside PFA		Enhanced OSTDS Outside PFA		Total Enhancement Reductions	
	Number of Enhanced OSTDS (Whole Number)	Nitrogen Load Reductions Through Enhancement (lbs/Yr)	Number of Enhanced OSTDS	Nitrogen Load Reductions Through Enhancement (lbs/Yr)	Total Nitrogen Load Reductions Through Enhancement (lbs/Yr)	
High	0	0	0	0	0	
Medium	0	0	0	0	0	
Low	0	0	0	0	0	
Total	0	0	0	0	0	

Septic to Sewer Table--OSTDS Properly Abandoned and Connected to Sewer

Recharge Area (See Link to Review Recharge Type at Project Site)	Sewered OSTDS Inside PFA		Sewered OSTDS Outside PFA		Total Sewered Reductions	
	Number of Sewered OSTDS (Whole Number--Only Count Phased Out OSTDS)	Load Reductions Through Sewering (TN lbs/Yr) (Populates When # of OSTDS Is Entered)	Number of Sewered OSTDS (Whole Number--Only Count Phased Out OSTDS)	Load Reductions Through Sewering (TN lbs/Yr) (Populates When # of OSTDS Is Entered)	Total Load Reductions Through Sewering (TN lbs/Yr) (Populates When # of OSTDS Is Entered)	
High	0	0	267	2,613	2,613	
Medium	0	0	0	0	0	
Low	0	0	0	0	0	
Total	0	0	267	2,613	2,613	

II. Year 1 - Project Funding Breakout										II. Year 2 - Project Funding Breakout										III. Year 3 - Project Funding Breakout						III. Year 4 - Project Funding						
DEP/State Funding Amount	Local Match - Cash	Local Match - In- kind Efforts	Local Match - Companion Projects	Local Match - Other	WMD Match - Cash	WMD Match - In- kind Efforts	WMD Match - Companion Projects	WMD Match - Other	Third Party Funding	TOTAL Year 1 Funding	DEP/State Funding Amount	Local Match - Cash	Local Match - In- kind Efforts	Local Match - Companion Projects	Local Match - Other	WMD Match - Cash	WMD Match - In- kind Efforts	WMD Match - Companion Projects	WMD Match - Other	Third Party Funding	TOTAL Year 2 Funding	DEP/State Funding Amount	Local Match Amount	WMD Match Amount	Third Party Funding	TOTAL Year 3 Funding	DEP/State Funding Amount	Local Match Amount	WMD Match Amount	Third Party Funding	TOTAL Year 4 Funding	
										\$ 2,005,927												\$ 12,215,163										

APP05

Pasco County

Wesley Chapel Center WWTP Expansion
Phase 1

FY2026

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 4, 2024.

1. Applicant Information

Entity Name: Pasco County Utilities

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

Project Manager Name: Gerrit Van Lent

Project Manager Address: 19420 Central Blvd. Land O' Lakes, Florida, 34637

Project Manager Phone Number: (272) 602-0926

Project Manager Email Address: gvanlent@pascocountyfl.net

2. Project Information

Project Name: Wesley Chapel Center WWTP Expansion Phase 1

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: 12/2025

End Date: 12/2026

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

Design: 12/1/2025 - 12/1/2026 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.

The Utilities shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence.

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): Sustain current levels

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.

Project is the initial phase of improvements and expansion work to the Wesley Center Wastewater Treatment Plant (WCWWTP) facility based on the Utilities Planning Division monthly flow reports. As determined by the latest flow projections of February 2024 for the facility, it has been determined that the facility should be expanded to increase its capacity to meet future demands for the next 20 years. The facility will be expanded from 9.0 million of gallons per day (MGD) to 13.5 MGD as annual average daily flow with EPA Class-1 reliability as defined by Florida Department of Environmental Protection (FDEP).

The Florida Department of Environmental Protection has assessed water quality in each Outstanding Florida Springs (OFS) and has determined that The Weeki Wachee Spring Group is one of the impaired first magnitude OFS for nitrogen. The WCWWTP is operated to provide secondary treatment, partial nitrogen removal, and high-level disinfection. Effluent of WCWWTP goes into the Pasco County Master Reclaimed System which discharges reclaimed water into Weeki Wachee and Hillsborough River BMAP areas. Expansion of the plant is necessary to maintain levels of nitrogen removal for water going into the BMAP areas.

The Utilities is prepared to match \$2,000,000 for this project at this time.

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 anticipated project budget and cost breakdown:

Description	FDEP	Applicant	District	Other	Total
Design	7,000,000	2,000,000			
Construction					
Fees (e.g., impact or connection)					
Other					
Total	9,000,000				

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

	Previous	FY2026	Future	Total
FDEP Springs Funding				\$ 0.00
WMD CFI Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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	FY2026	Future	Total
FDEP Springs Funding		\$ 7,000,000.00		\$ 7,000,000.00
Local Funding		\$ 2,000,000.00		\$ 2,000,000.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 9,000,000.00	\$ 0.00	\$ 9,000,000.00

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

County Pasco County

Latitude (decimal degrees) 28.264946046718443

Longitude (decimal degrees) -82.32933972051168

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

Is this spring deemed impaired? ☒ Yes ☐ No

What is the distance from the project to the spring receiving the benefit? 23 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.

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 Carrieann Adkins with any questions prior to submittal. Carrieann.Adkins@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:

Wesley Center Wastewater Treatment Facility

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

FLA016094

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

secondary treatment, partial nitrogen removal, and high-level disinfection.

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

Reclaimed

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

9

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

7.34

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

8.42

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

4.5 MGD

How many households or properties will this project service once complete?

N/A

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

N/A

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

☐ Yes

☒ No

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

N/A

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?

N/A

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

N/A

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

N/A

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

N/A

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

N/A

How many of the septic tanks service multi-family homes? N/A

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.

N/A

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

N/A

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

Wesley Center WWTP Location Map



WCWWTF Existing Site Layout



APP06

Pasco County

Aripeka Septic to Sewer

FY2026

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 4, 2024.

1. Applicant Information

Entity Name: Pasco County Utilities

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

Project Manager Name: Gerrit Van Lent

Project Manager Address: 19420 Central Blvd. Land O' Lakes, Florida, 34637

Project Manager Phone Number: (272) 602-0926

Project Manager Email Address: gvanlent@pascocountyfl.net

2. Project Information

Project Name: Aripeka Septic to Sewer

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: 10/1/2025

End Date: 10/1/2028

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

Design: 10/1/2025 - 10/1/2026 Construction: 10/2/2026 - 10/1/2028

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.

In order to do this septic to sewer project, the county would need building permit, right-of-way permit, etc. A full analysis of permitting would be done by the engineering team during pre-construction phase.

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): 243

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.

Aripeka is an unincorporated community and census-designated place (CDP) in the very northwestern portion of Pasco County. It is in the Weeki Wachee BMAP area. According to US census data, the CDP has a poverty rate of 23.2%, almost 2 times higher than the 12.3% poverty rate of Florida.

This application requests funds for a septic to sewer conversion for the CDP. Pasco County Utilities already serves the CDP's water needs, and long with the high poverty rate and inclusion into the BMAP area, make it a wish-listed septic to sewer project for the county.

The multi-year funding request includes money for engineering, construction, and the costs of impact/connection fees for the residents. The first phase of the project would be to develop an engineering plan for the project that explores the best septic to sewer options as well as locations for any needed pump station.

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 anticipated project budget and cost breakdown:

Description	FDEP	Applicant	District	Other	Total
Design	2,940,000				2,940,000
Construction	10,500,000				10,500,000
Fees (e.g., impact or connection)	1,260,000				1,260,000
Other					
Total	14,700,000				14,700,000

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

	Previous	FY2026	Future	Total
FDEP Springs Funding				\$ 0.00
WMD CFI Funding				\$ 0.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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	FY2026	Future	Total
FDEP Springs Funding		\$ 2,940,000.00	\$ 11,760,000.00	\$ 14,700,000.00
Local Funding				\$ 0.00
Other Funding				\$ 0.00
Total	\$ 0.00	\$ 2,940,000.00	\$ 11,760,000.00	\$ 14,700,000.00

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

County Pasco County

Latitude (decimal degrees) 28.43049070215176

Longitude (decimal degrees) -82.66318866923883

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

Is this spring deemed impaired? ☒ Yes ☐ No

What is the distance from the project to the spring receiving the benefit? 7.58 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.

Aripeka's mobile home park contains a DEP facility/site that would be taken off-line by this project. The Facility/Site ID is FLA012832 and the Facility/Site Name is ARIPEKA WEST MHP.

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 Carrieann Adkins with any questions prior to submittal. Carrieann.Adkins@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:

Shady Hills WWTP

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

FLA012741

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

secondary treatment, filtration, and high-level disinfection

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

Reclaimed

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

14 MGD

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

9.34 MGD

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

16.5

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

43000

How many households or properties will this project service once complete?

206

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

Proposed unit costs to the homeowner:

1. 6" Service Connection - \$1,991
2. Onsite Plumbing Cost 160-feet @ 24.50/LF - \$3,920
3. Septic System Abandonment - \$677

Because of the nature of the poverty rate in this community, the fees are included in this total cost. If this is not allowed, we can modify our costs.

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



Yes



No

Pasco County owns a number of parcels in the area for potential lift stations. We do not estimate the need for land acquisition at this time.

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

16 inch force main with a pipe diameter of 6 inches. It would connect to our sewage line running along US 19.

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?

146, but one parcel is a Mobile Home Park with a small WWTP.

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

145 and one WWTP, 206 homes total.

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

Pasco County Internal GIS with Department of Health information.

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

The ARIPEKA WEST MHP WWTF serves a MHP with about 55 spaces.

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

The Commercial aspect is an RV park. There is no known heating or AC aspect.

How many of the septic tanks service multi-family homes? 0

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.

Code 1970, § 26-84; Ord. No. 87-10, § 4, 3-24-87; Ord. No. 93-19, § 2, 9-8-93; Ord. N

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

Package Plant Conversion Projects Complete this Section:

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

.006 MGD

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

2.5 mg/L (PARM CODE 006

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.

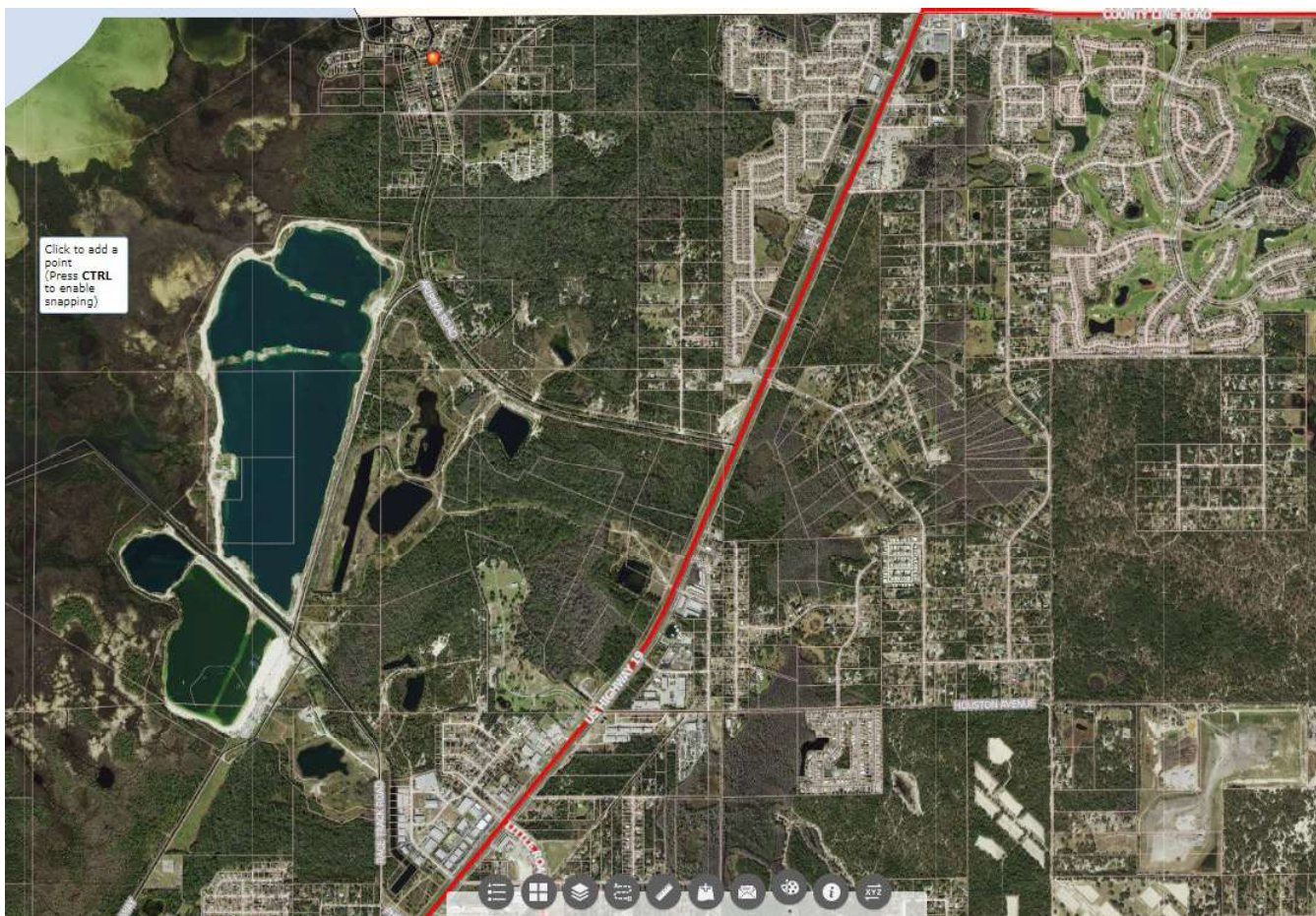
Don't forget to submit fair market value documentation

Aripeka Septic to Sewer Project Maps

Figure 1. Map of Aripeka and parcels:



Figure 2. Larger Area Map:



Springs COMMERCIAL OSTDS Loading Cells (Spring BMAPs ONLY)
Required for BMAP Springs Credit Calculations

Use one method based on the data available—pick Persons Per Day Methodology, Square Foot Methodology, or Facility Type Methodology.
Use the Persons Per Day Methodology when you know the number of people/visitors to the commercial property.
Use the Square Foot Methodology when you don't know the number of people/visitors and whether they have a kitchen, etc. on site and you don't know the type of facility. With this method, you need to know the size of the building.
Use the Facility Type Methodology when you know the use for the facility and have the determining factor numbers (see OSTDS Flows by Facility Type tab).

Only complete green cells

Many green cells have drop down boxes
To add more rows, select the provided row, grab the plus '+' sign at the end of the row and drag down to generate as many blank rows as you want
If the blank area below your preferred table does not have enough blank rows, insert more rows before dragging down the calculations
Recalculate credit cells by clicking on the download icon. <http://bmap.cities.dep.state.tx.us/BMAP/FormsAndTools/K259Spring%20Springs%20Recharge%20.xlsx/>

Persons Per Day Methodology							
Enter the Type of Facility if Known (i.e. park, entertainment venue, campground)	Pick the County Where the Project is Located	Enter the Average Number of People/Day at Facility	Pick Recharge Type Where Septic Field is Located	Pick Sewering or Recharge Area Enhancement	TN Grams/Day (Based on LIF Commercial OSTDS Study) (Populates Based on # of People/Day At Facility)	Estimated TN Load to Groundwater (Attenuated and Recharged) (Populates Based on Data Entries) (lbs/Yr)	TN Reduction Based on Enhancement or Sewering (Populates Based on Data Entries) (lbs/Yr)
	County		High Recharge Rate	Sewering		#VALUE!	#VALUE!

Square Foot Methodology - Useful for Unknown Facility Types/Unknown Persons Per Day - May Underestimate Some Facilities											
Enter the Facility Name or Project Name	Pick the County Where the Project is Located	Enter the Number of Septic Systems Sewered or Enhanced	Enter the Building Square Feet (ft²)	Enter the Treatment Recharge Area	Pick Sewering or Recharge Area	Annual Average TN (mg/L)	Flow (GPD) = (Building sq ft /100)*15	Annual Flow (MGD)	Total Nitrogen Leaving the Septic Field (lbs/Yr)	Estimated Load to Groundwater (Recharge Applied) (Populates Based on Data Entries) (lbs/Yr)	Total Nitrogen Reduction Based on Enhancement or Sewering (Populates Based on Data Entries) (lbs/Yr)
	County			High Recharge Rate	Sewering	42	0	0	0	#VALUE!	#VALUE!

Facility Type Methodology											
Type of Facility if known (i.e. office space, restaurant, medical office, etc.)	Determining Factor	Number of Determining Factor	Flow per Number of Determining Factor	Pick the County Where the Project is Located	Pick the Project's Recharge Area (See Link to Recharge Areas)	Flow (GPD) (Populates Based on Data Entries)	Annual Flow (MGD) (Populates Based on Data Entries)	Annual Flow (MGD) (Populates Based on Data Entries)	Nitrogen Input to Groundwater and Applied (lbs/Yr) (Populates Based on Data Entries)	Estimated Load to Groundwater (Recharge Applied) (Populates Based on Data Entries) (lbs/Yr)	Nitrogen Reduction Based on Enhancement or Sewering (Populates Based on Data Entries) (lbs/Yr)
Transient Recreational Vehicle Park (enter number of vehicle spaces)	Number of spaces for vehicles	55	62.5	Passo	Low Recharge Rate	Sewering	3437.5	0.034375	439	22	21

