

Application Section

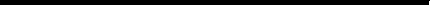
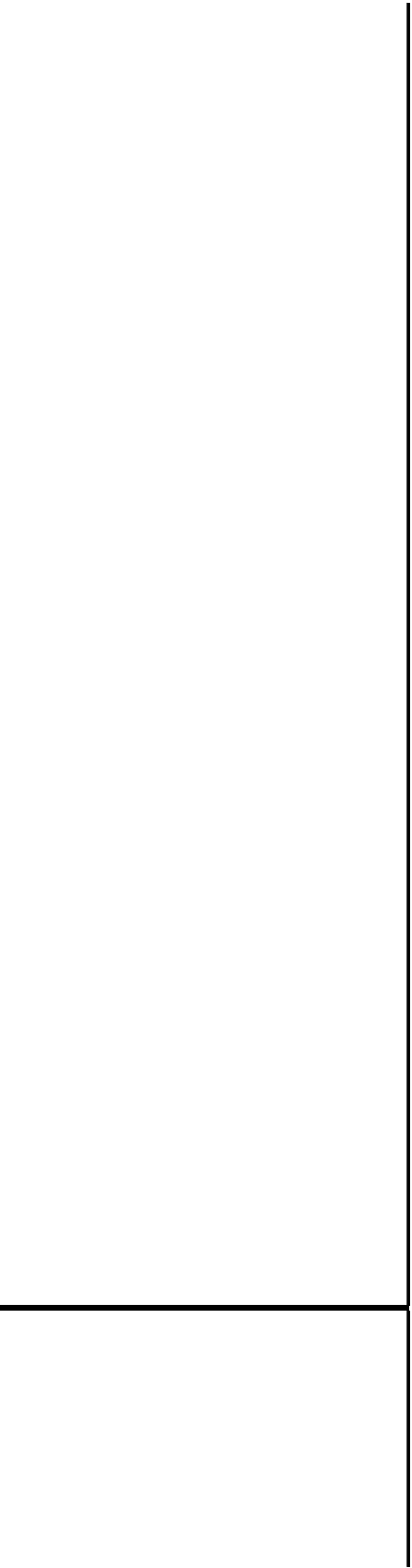
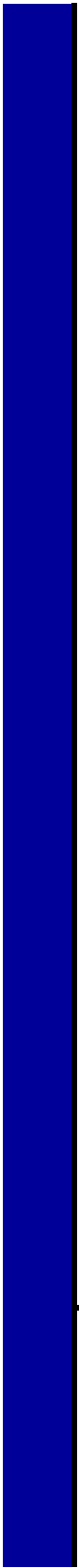
Applicant Information

Project Information

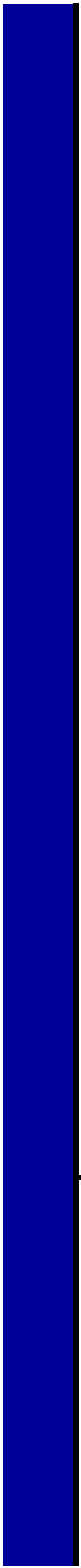
Project Location

Project Background

**Project Scoring - Tier 1 Criteria
Information**



**Project Scoring - Tier 2 Criteria
Information**



**Project Scoring - Tier 3 Criteria
Information**

**Project Scoring - Tier 4 Criteria
Information**

Additional Information

Multiagency Information

The following information is for data collection purposes only and do not correlate with any of the project evaluation criteria.

Project Work Plan
Uploads



Task 1



	Task 1's Budgetary Category
	Task 1's Personnel Grantee (if applicable, grantee is performing

	<i>applicable - grantee is performing work)</i>

Task 2 (if applicable)

Task 2's Budgetary Category (if applicable)

Task 2's Personnel Grantee (if applicable - grantee is performing work)

Task 3 (*if applicable*)

Task 3's Budgetary Category (*if applicable*)

Task 3's Personnel Grantee (*if applicable - grantee is performing work*)

Task 4 (if applicable)

Task 4's Budgetary Category (if applicable)

Task 4's Personnel Grantee (if applicable - grantee is performing work)

Task 5 (*if applicable*)

Task 5's Budgetary Category (*if applicable*)

	Task 5's Personnel Grantee (<i>if applicable - grantee is performing work</i>)

Task 6 (if applicable)

Task 6's Budgetary Category (if applicable)

Task 6's Personnel Grantee (if applicable - grantee is performing work)

**Submittal - Grantee's Certification
Statement**

Descriptions/Subtasks
Applicant Account
Applicant Grant Manager
Applicant Authorized Signee
Applicant Fiscal Agent
Choose the Entity Category (Refer to 380.093(5), F.S., for more information): -County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment -Eligible entity mitigating risks of flooding or sea level rise on water supply or water resources of the State
Choose the project type you are submitting (Resilient Florida Program Project Type). Select all that apply by holding "ctrl" button down: -Coastal flood control -Cultural or community resource -Drinking water supply -Emergency facilities -Land acquisition -Living shoreline -Natural system restoration -Stormwater infrastructure -Transportation and evacuation -Utilities infrastructure -Preconstruction activities -Wastewater infrastructure
Select any sub-types (multi-select) that also apply to the project: -Land acquisition and conservation -Living shorelines and erosion control -Natural system restoration -Stormwater infrastructure -Transportation and evacuation -Utilites infrastructure

Project Title (This should be a brief synopsis of the project plan. **Limited to 20 words.**)

Primary Metric Assigned / Primary Metric Value Units / Primary Metric Value

Secondary Metric Assigned / Secondary Metric Value Units / Secondary Metric Value

Latitude

Longitude

Project Location address

Sponsor City/County (If applicable. If the applicant is the sponsor, leave blank.)

List each city, town, village where work is to be performed.

Define the Project Impact Area

Will any of the proposed work take place on state-owned land, including sovereign submerged land?

Project Description (3000 characters)

What is the anticipated project duration?

What is the anticipated total funding request?

Provide a fiscal year breakdown of the anticipated funding expenditures of this project based upon the anticipated project duration and anticipated total funding request.

A. Does the project reduce risk of flooding or sea level rise identified in a comprehensive vulnerability assessment or the comprehensive statewide flood vulnerability and sea level rise assessment?

If yes, indicate the type of vulnerability assessment used for selecting this asset.

Indicate the Resilient Florida Grant number in which this asset was identified as vulnerable and the asset identification number of the asset. If the assessment was not completed through a Resilient Florida grant, provide this document in the "Upload" section of this application.

B. Does the project reduce risk of *compound* flooding identified in a vulnerability assessment or the comprehensive statewide flood vulnerability and sea level rise assessment?

If yes, please explain.

C. Does the project reduce risk to or adapt a regionally significant asset? This can include relocation.

If yes, list all jurisdictions the critical asset supports.

List the geopolitical jurisdictions and provide an explanation of how the project addresses a regionally significant asset.

D. What percent of critical assets in the project impact area considered to be vulnerable?

(Vulnerable critical assets are those at risk of flooding based on applicable scenarios and standards outlined in paragraph 380.093(3)(d), F.S. Until September 1, 2024, if evaluation of those scenarios and standards is unavailable for the project impact area, best available data can be used to determine the percent.)

- None
- At least one critical asset but less than 20%
- 20% or more but less than 40%
- 40% or more but less than 60%
- 60% or more but less than 80%
- 80% or more

Indicate the Resilient Florida Grant number in which these assets were identified as vulnerable, or state if the Statewide Critical Asset Database or an assessment not completed through Resilient Florida was used. If the assessment was not completed through a Resilient Florida grant, please document in the "Upload" section of this application.

Provide the unique identifiers for all assets identified as vulnerable in the project impact area. If a unique asset identification number is not available, list the VA in which it was deemed vulnerable and language to easily identify the assets.

Describe the method used to determine the percent selected.

E. Does the project contribute to existing flood mitigation projects that reduce upland flood damage cost by incorporating new or enhanced structure or natural system restoration and revegetation?

-No

-Yes, by incorporating new or enhanced structure

-Yes, by incorporating Natural system restoration and revegetation

-Yes, by incorporating BOTH new or enhanced structure and Natural system restoration and revegetation

F. Are you a Community Rating System (CRS) participating community and verifiable on the most recent CRS Eligible Community list?

Does this project reduce flood risk in a manner that increases the credits awarded to the community in the National Flood Insurance Program (NFIP) CRS?

How many elements in the CRS will receive more credit?

Explain how the CRS credits would be affected as a result of this project. A proper explanation will include references to the creditable activities and associated elements that would be awarded more points as a result of this project. Use the uploads section to attach additional documentation if applicable.

A. What is the current frequency of flooding or erosion in the project impact area? Documentation upload is required to receive full points if applicable.

-No current flooding or erosion

-Has experienced flooding or erosion in the last 3 years

-Has been flooded at least 3 times in the last 5 years or is experiencing ongoing erosion. If area has been flooded 3 times in 5 years or is experiencing ongoing erosion, please explain and provide documentation

B. What is the current severity of flooding or erosion in the project impact area? Documentation upload is required to receive full points, if applicable.

- No current flooding or erosion
- Flooding greater than 3 inches in last 3 years or has ever experienced unmitigated erosion
- Flooded greater than 1 foot in the current and each of the previous three calendar years, has been flooded for 7 consecutive days or erosion is critical for the critical asset class. If area has been flooded greater than 1 foot in the current and each of the previous three calendar years, been flooded for 7 consecutive days or erosion is critical for the critical asset class, supporting documentation must be submitted with the application.

C. What is the status of project design? (To receive points for a completed design, plans properly certified by a professional in the relevant field must be submitted with the application.)

- Not designed
- Partially design or site-specific environmental or geotechnical reports have been completed
- Design is complete. To receive points for a completed design, plans properly certified by a professional in the relevant field must be submitted with the application.

If yes, explain.

D. Permitting and easement acquisition status.

- Necessary permits and easements have been identified
- All permits have been applied for or at least one permit has been approved
- All necessary permit(s) and easement(s) have been authorized/ obtained
- No permits or easements are required for the project

If applicable, please provide a list of necessary permits/easements and application statuses. For permits which have been applied for, authorized, or obtained, documentation upload is required to receive full points.

E. Are local funding sources committed as cost share or is the project in a financially disadvantaged small community as defined in 380.093(5)(e), F.S.? If funding sources are committed, documentation upload is required to receive points.

If yes, explain and provide documentation.

F. Does the project include environmental habitat enhancement or nature-based solutions?

G. Does the project impact area include area that is identified as state or federal critical habitat for threatened and endangered species?

H. Is the project cost-effective?

If yes, explain.

A. Is 50% local, state, or federal cost share secured or identified for the project? If so, documentation is required to receive points.

- No (unless the project is in a financially disadvantaged small community)
- Cost share has been identified but not appropriated or released
- Cost share has been secured
- The project is in a financially disadvantaged small community and cost share is not required

Explain. If 50% cost share has been secured, appropriated, or released, please provide documentation with the application.

B. Has state funding previously been awarded for the project? If so, select all project phases.

-None (0)

-Preconstruction activities (defined in a. 380.093(2)(c), F.S.) other than design and permitting (1)

-Design (1.5)

-Permitting (1.5)

-Construction (previous phases) (2.5)

C. Will this project exceed Florida Building Code flood-resistant requirements and local floodplain management regulations?

-No

-Yes

-These regulations do not apply to the project

If yes, outline the specific requirements and details relating to how the design exceeds the criteria in order to receive full points.

A. Does this project include innovative technologies designed to reduce project costs and provide regional collaboration?

B. Is the critical asset being adapted or the project impact area wholly or partially located in a financially disadvantaged community? Does the critical asset being adapted or the project impact area contain a financially disadvantaged community?

If yes, include the metric used to determine eligibility.

Will this project benefit a spring?

Will this project protect water sources using alternative water supplies?

Will this project construct, upgrade or expand facilities to provide waste treatment?

If yes, explain.

Will this project convert septic to sewer?

Does this project include green stormwater infrastructure?

Has this project been submitted to other programs for funding?

If yes, explain and include the program names and project phases that were requested and/or awarded.

Anticipated start date

Start dates cannot be before July 1st of the fiscal year in which funding is appropriated.

Anticipated end date

Primary project type

Project implementation

Estimated project duration

Permitting (Brief description of expected permit determinations necessary for project completion or relevant permit information once permitted.)

NPDES Permit #

PWS Identification #

Lands, Easements, Rights of Way (Brief description of acquisitions or permissions necessary for project completion or relevant information once required.)

Critical infrastructure confidential? (Select yes if this project includes critical infrastructure that is confidential or should be redacted from public records searches)

Is project located in Coastal Zone?

SLIP study required?

Source of match
Match funding source description
Current project phase
Project Summary (Provide a brief synopsis of the project. Limited to 75 words.)
Project Description (This should be a concise summary of the work being done. It may explain the broader issue that the project will address or what the end goal of the work is. It should NOT restate the tasks or deliverables and should not give specifications or similar detailed descriptions. Limited to 300 words.):
GIS shapefile of project location. If you need a GIS Shapefile created for you, please contact (850) 245-7600.
Map of project impact area (map must have a minimum scale of 1" = 200' and include a compass rose and legend)
Geographic extent of the project area in GIS format
Draft or signed resolution or letter of support from local governing board
Vulnerability Assessment Report or other local study or report
Final design and permitting documents (if applicable)
Match or additional cost-share documents (if applicable)
Subcontractor or other local or regional partnership agreements (if applicable)
Optional: Applicant W-9
Optional: Applicant Certificate of Insurance
Task Number

Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.

- Pre-design or feasibility study
- Data collection or study
- Stakeholder coordination and planning
- Design and permitting or pre-construction activities
- Project management
- Bidding and contractor selection (required to be included prior to construction of project includes construction)
- Construction
- Permit-required monitoring
- Public education
- Equipment purchase
- Land acquisition
- Site cleanup
- None- Title Other:

Work performed by:

- Grantee only
- Contractor only
- Grantee and contractor

Task Description: include a brief description of the work to be completed with the individual task.

Goal: Provide a brief description of the goal of the individual task.

Time to completion

Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field.

- Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report.
- Final report or study to include the process and methodology and any data gaps.
- A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting.
- Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies.
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Application Task Number

Expense budget category

Budget Amount

Match amount

Application Task Number

Position Title

Maximum Hours (rounded to the quarter hour.)

Maximum Hours Time Unit
Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)
Fringe Percent
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Before submitting, applicants must certify that:

1. This application is in all respects fair and submitted in good faith without collusion or fraud;
2. If selected through this application process, the recipient will work in good faith and in partnership with the Department of Environmental Protection to manage its subcontractors in a timely and accurate manner;
3. Any funds awarded as a result of this application process will not be used as match fund to apply for or receive other state funds without departmental review and approval;
4. The undersigned has full authority to bind the applicant.

Response
Pinellas County Board of Commissioners
Emily Magyar
2026 BCC Chairman: Dave Eggers
Emily Magyar
County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment
Wastewater Infrastructure
Utilities infrastructure

South Cross Bayou Water Reclamation Facility High Service Pump Station Improvements

Volumetric flow rate of pump station capacity added/protected 56.56 million gallons per day
--

Number of pumps/pump equipment replaced and/or added 7 pumps

27.8231197

-82.7418892

7401 54th Avenue N., St. Petersburg, FL 33709

Pinellas

St. Petersburg, Florida

The Project Impact Area consists of Pinellas County's Reclaimed Water service areas.
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No

The South Cross Bayou Water Reclamation Facility (WRF) is the main wastewater treatment plant for Pinellas County, Florida and provides reclaimed water service to the South County's public access reuse system and for various plant process needs.

The WRF is located directly adjacent to Joe's Creek, a regulatory waterway, and is within the 0.2% annual chance floodplain. Infrastructure at the WRF is currently not above the 100-year floodplain elevation, and the reclaimed water high service pumps, which are over 30 years old, have reached the end of their useful service life and no longer provide the required pressures for the distribution system and plant process needs. According to the Risk Evaluation completed on the facility in 2022 [\[source\]](#), during a moderate-frequency, 500-year flood event, the entire site is expected to be impacted from flooding. Saltwater would cause significant physical damage to the buildings and equipment, which could result in disastrous damage and service interruptions to Pinellas County's water utilities. Protective measures are needed to address risk from coastal flooding, extreme rain, and storm surge to protect this critical asset.

The proposed project will reconstruct the high service pump station building and floodproof the pump station and electrical buildings to above the 500-year flood elevation to avoid impacts from future flooding. The scope includes floodproofing building doors, relocating new window structures to above the flood elevation, installing electrical wires through the building slab instead of penetrating through the building walls, and floodproofing wall penetrations. For the electrical building, an exterior wall will also be constructed that meets hydrostatic force at the DFE outside of the existing building structure. Improvements will also be completed to replace the mechanical, electrical, and instrumentation and control components, bringing the pump station up to current standards while also increasing the pumping capacity to meet future demands.

Three years

\$15,000,000

FY 27-28: \$5,000,000

FY28-29: \$5,000,000

FY29-30: \$5,000,000

Yes

Local vulnerability assessment

A local vulnerability assessment completed in March 2026, DEP Resilient Florida grant number 22PLN94, was utilized for selecting the critical asset. The South Cross Bayou WRF was identified in the Pinellas County Vulnerability Assessment (VA) Phase 2 as a vulnerable critical asset (See Page XXX). The critical asset's unique identification number in the "Vulnerability Assessment Report" is IGF_DY_0000365.

Yes

Pinellas County

The South Cross Bayou WRF is at risk of flooding from future sea level rise storm surge and extreme rainfall, as identified in the Pinellas County Vulnerability Assessment. The project includes construction of critical improvements that are needed to address sea level rise, flood mitigation and storm surge resiliency considerations to protect critical assets.

Yes

This facility serves multiple geopolitical jurisdictions including Belleair, Belleair Beach, Belleair Bluffs, Belleair Shore, Indian Rocks Beach, Indian Shores, Kenneth City, Madeira Beach, Pinellas Park, Redington Beach, Seminole, and Unincorporated Pinellas County.

The project proposes to increase the resilience of the South Cross Bayou WRF through improvements to the pump stations and electrical building to reduce risk of flooding from sea level rise and extreme rainfall. The South Cross Bayou WRF is the largest wastewater treatment facility in Pinellas County that serves 392,896 people countywide, making it a regionally significant critical asset.

80% or more

DEP Resilient Florida grant number 22PLN94

See "Tier1_CriticalAssets" attachment which lists all critical assets in the project impact area by their unique identifiers as well as denotes those that are at risk of flooding from a 100-year flood event.

The percentage of vulnerable critical assets in the project impact area is approximately 90% based on the number of critical assets that would flood during a 100-year Intermediate High 2070 flood event. This was determined through modeling completed as part of the local vulnerability assessment completed as part of Resilient Florida grant 22PLN94. The project impact area includes 389 critical assets and 350 of those assets are vulnerable. Critical assets were determined to be those within the Project Impact Area that are served by the South Cross Bayou Water Reclamation Facility High Service Pump Station.

Critical assets in the area include the Wastewater Treatment Facility and associated assets, Facilities Owned by Utilities, Reclaimed Pumps, Reclaimed Network Structures, State Government Facilities, Schools, Colleges and Universities, Mobile Homes, Law Enforcement Sites, Hospitals, Health Care Facilities, Fire Stations, Essential Government Facilities, Emergency Operations Centers, Disaster Recovery Centers, Local Government Facilities, Government Structures, Community Centers, and Assisted Housing. See "Tier1_CriticalAssets" attachment which lists all critical assets in the project impact area as well as denotes those that are at risk of flooding from a 100-year flood event. Also attached is a map that includes critical assets in the area with vulnerable assets denoted by red dots.

No

Yes

Yes

No current flooding or erosion

No current flooding or erosion

Design is complete

Final designs have been completed for the project. See Tier2_FinalDesign [\[Attachment Reference\]](#) for the final signed and sealed plans.

Necessary permits and easements have been identified

It is expected that typical permits will be required for this project, including the following identified permits:

- Development Review Approval / Building Permit
- SWFWMD Environmental Resource Permit Exemption
- Florida Department of Environmental Protection (FDEP) National Pollution Discharge Elimination System (NPDES) Notice of Intent (NOI): A stormwater pollution prevention plan (SWPPP) will be developed in accordance with all federal requirements. The SWPPP will be prepared prior to submittal of an NOI to the EPA. The NOI will be submitted prior to construction and will be followed by a Notice of Termination upon project completion.
- Dewatering Permit: Dewatering will be accomplished utilizing the best management practices to minimize impacts to adjacent wetlands or a receiving water body. Discharge from dewatering for excavation of the utilities being install will be treated before entering another water body and will need to meet state water quality standards for turbidity.
- FDEP's Generic Permit for the Discharge of Produced Groundwater from any Non-contaminated site activity, 62-621.300 FAC, including all required sampling.

Yes

Local funding sources are committed in the FY24-29 Capital Improvement Plan to provide the 50% matching funds required for this project.

No

No

Yes

1 year of bypass pumping is 2.7M, 6 months to get engineer on board, 1.5 design, 6 months permit, 9months bidding, 2 years for construction. Need 2.7/year for bypass. ~ 13.5M just for bypass pumping, 27M to do project. Aging infrastructure,

Cost share is committed and will be budgeted at the time of grant award.

See attached Funding Commitment Letter

None

Yes

Florida Building Code requires critical infrastructure (including wastewater facilities) to be elevated to the Base Flood Elevation plus 2 feet. The project exceeds this by elevating both the pump station building and the electrical building above the 500 year flood elevation. The 500 year flood elevation is 16 ft and our design flood elevation (DFE) is 17 ft. The site is exposed to the 0.2% annual exceedance flood level of 16.0 ft, NAVD88, per the 2021 updated Tampa Bay Coastal Flood Maps. The flood elevation plus 1 foot of safety factor is needed for the critical areas to eliminate the flood loss expectancy. Therefore, the design flood elevation is 17.0 ft, NAVD88.

No

Yes

census data (city per capita income less than FL?) - county median income less than state; per capita income is more than FL

LMI residents by block group (HUD) - others just show the map but do we need to calculate a total value?

No

No

Yes

The project will complete improvements at the South Cross Bayou WRF, the largest wastewater treatment facility in Pinellas County. At the South Cross Bayou WRF, treated effluent and reclaimed water is stored in 3 onsite 6 million gallon reclaimed water ground storage tanks. The reclaimed water is then pumped through the HSPS to the strainer station and the meter station to supply demands for both the Reclaimed Water Distribution System and the South Cross Bayou WRF's in-plant reclaimed water use. In addition to increasing the resilience of the WRF, one of the project's goals is to increase pump capacity to accommodate future flow requirement and growth of the Reclaimed Water Distribution System. This project is important for Pinellas County to be in compliance with Senate Bill 64, which requires domestic wastewater utilities to eliminate nonbeneficial surface water discharges by January 1, 2032 and mandates a shift toward beneficial uses of reclaimed water.

No

No

Yes

EPA Community Grants Support (\$1,000,000);pre-paid equipment (congressional earmark)

10/1/2027

8/31/2030

Project Implementation

Flood risk reduction - localized

2-3 years

N/A

No easements

N/A

Yes

Yes

Local Funds

Utilities Capital Improvement Plan

Construction Ready

Construction

Contractor Only

-Final design and Certificate of Occupancy (if applicable) and Certificate of Completion signed by a Florida-registered Professional Engineer.

-Dated color photographs of on-going work and a signed acceptance of the completed work to date, as provided in the Grantee's Certification of Payment Request.

- Review MHC deliverables
- As Builts

15,000,000

15,000,000

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



Answer Type	Attachment?
Drop down	
Drop down	
Drop down	

Short answer	
Metric assigned and value units are drop down / metric value is short answer	
Metric assigned and value units are drop down / metric value is short answer	
Short answer	
Short answer	
Short answer	
Drop down	
Short answer	
Short answer	Map Required
Drop down	

Short answer	
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Short answer	
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Short answer	
Drop down - Yes/No	Upload VA
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Short answer	
Drop down - Yes/No	Upload Required

Short answer	
Drop down - Yes/No	
Short answer	
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Short answer	
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Drop down	
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Short answer	
Drop down	Upload Required

Drop down	Upload Required
Drop down	Design Plans
Short answer	
Drop down	List of Permits

Drop down - Yes/No	
Short answer	Upload Required
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Drop down	
Drop down - Yes/No	
Short answer	Upload Required
Drop down	
Short answer	Upload Required

Selection from predetermined list of options	
Drop down - Yes/No	
Short answer	
Drop down - Yes/No	
Drop down - Yes/No	
Short answer	
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Drop down - Yes/No	
Drop down - Yes/No	

Short answer	
Drop down - Yes/No	
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Short answer

Date selection	
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Ask the State/County	Notes

	Talk to Project Team BODR states SCB AWRF has permitted capacity of 33 MGD. "The primary goal of the SCB RCW HSPS Improvement Project is to increase pump capacity to accomodate future flow requirement and growth of the RCW Distribution System. In March 2023, Wright-Pierce conducted a Preliminary Engineering Report for this project. Based on the report, the design peak flow of the proposed HSPS will be increased from 51.06 MGD to 56.56 MDG."
	Marra to confirm - ER pulled lat/long from google maps
	confirm with Kerstin

[illegible]

	Align with project impact area

[illegible]

[illegible]

[illegible]

#REF!

#REF!

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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Status in terms of Jacobs:

N/A

Missing

In Progress

Needs QC Review

Complete

Other Statuses:

County responsibility/checkbox

State responsibility

Needs further narrative
narrative/attachment

complete and needs
review

For the foll

owing calculation, it was assumed that the entirety of the Joe's Creek project impact area contain critica

il assets or would affect adjacent critical assets. Critical assets include transportation assets, evacuation

routes, major roadways, South Cross Bayou WRF, lift stations, stormwater treatment facilities, stormwa

ter pump stations, parks, shorelines, surface waters, wetlands, recreational and cultural assets. Vulnera

bility was determined if the area fell within the FEMA's 100-year floodplain. The total acreage of the pro

ject impact area (~4485.9 acres) and the total acreage of project impact area within FEMA's 100-year fl

oodplain (~977 acres) were determined and the percentage of vulnerable critical assets that fell within t

he FEMA's 100-year floodplain was calculated, hence an approximate 22% of critical assets are consider

ed to be vulnerable.

We did not experience any direct operational impacts during either of the hurricanes.

Regarding flooding and water level rise:

During both events, we monitored the water levels at Joe's Creek closely. While we did observe a slight rise, the increase was minimal and never approached a threshold that would require notifying staff or initiating evacuation procedures. Although the surrounding area is generally considered prone to higher flood risk, the creek itself remained at or near normal levels throughout the storms.

For reference, we have attached our flood elevation drawings, which illustrate the expected water elevations during major weather events, including severe hurricanes and heavy rainfall scenarios.

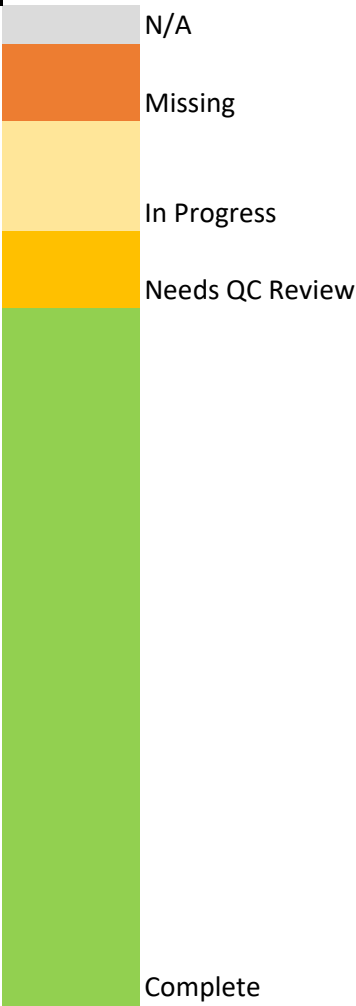
Regarding wind impacts:

During Hurricane Milton (the second storm of the 2025 season), the site did experience notable wind-related effects. Strong wind gusts resulted in vegetation debris accumulating along the southern perimeter of the plant. However, this impact was limited to debris and did not affect operations or infrastructure integrity.

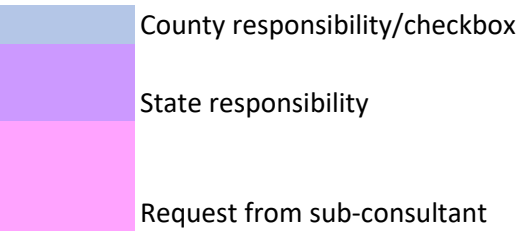
	narrative, description, map of project location, budget, resolution/letter of support
27-Jul Start in Granicus	
7-Aug Complete Granicus review	
25-Aug Board Meeting	

July 15 to 24 Emily on vacation

Status in terms of Jacobs:



Other Statuses:



Term

Coastal Zone

Community

Compound Flooding

Cost-effective

Critical Asset

Financially Disadvantage Community (for FDEP)

Pre-construction activities

Regionally significant asset

SLIP

Applicable Florida Statutes

F.S.

380.093

380.093(3)(d)

Definition

All of Florida is in a coastal zone

The County or the impacted population (Seen it used both ways to determine community population)

380.093(1)(d)2.d., F.S.

Combination of tidal, storm surge, and rainfall-induced flooding

In the past, used FEMA BCA, PCU's priority matrix, explaining there's no other alternative/explain the benefits - can be a narrative or numeric values

380.093(2)(a)

“Critical asset” includes:

1. Transportation assets and evacuation routes, including airports, bridges, bus terminals, ports, major roadways, marinas, rail facilities, and railroad bridges.
2. Critical infrastructure, including wastewater treatment facilities and lift stations, stormwater treatment facilities and pump stations, drinking water facilities, water utility conveyance systems, electric production and supply facilities, solid and hazardous waste facilities, military installations, communications facilities, and disaster debris management sites.
3. Critical community and emergency facilities, including schools, colleges, universities, community centers, correctional facilities, disaster recovery centers, emergency medical service facilities, emergency operation centers, fire stations, health care facilities, hospitals, law enforcement facilities, local government facilities, logistical staging areas, affordable public housing, risk shelter inventory, and state government facilities.
4. Natural, cultural, and historical resources, including conservation lands, parks, shorelines, surface waters, wetlands, and historical and cultural assets.

380.093(5)(e), F.S.

1. A municipality that has a population of 10,000 or fewer, according to the most recent April 1 population estimates posted on the Office of Economic and Demographic Research’s website, and a per capita annual income that is less than the state’s per capita annual income as shown in the most recent release from the Bureau of the Census of the United States Department of Commerce that includes both measurements; or
2. A county that has a population of 50,000 or fewer, according to the most recent April 1 population estimates posted on the Office of Economic and Demographic Research’s website, and a per capita annual income that is less than the state’s per capita annual income as shown in the most recent release from the Bureau of the Census of the United States Department of Commerce that includes both measurements.

380.093(2)(c), F.S.

Activities associated with a project that occur before construction begins, including, but not limited to, design of the project, permitting for the project, surveys and data collection, site development, solicitation, public hearings, local code or comprehensive plan amendments, establishing local funding sources, and easement acquisition.

Critical assets that support the needs of communities spanning multiple geopolitical jurisdictions, including, but not limited to, water resource facilities, regional medical centers, emergency operations centers, regional utilities, major transportation hubs and corridors, airports, and seaports.

Sea Level Impact Projection

Permit Question

What percent of critical assets in the project impact area considered to be vulnerable? Please describe the method used to determine the percent selected as well as provide a list of critical assets in the project impact area. (Vulnerable critical assets are those at risk of flooding based on applicable scenarios and standards outlined in paragraph 380.093(3)(d), F.S. Until September 1, 2024, if evaluation of those scenarios and standards is unavailable for the project impact area, best available data can be used to determine the percent.)

-None

-At least one critical asset but less than 20%

-20% or more but less than 40%

-40% or more but less than 60%

-60% or more but less than 80%

-80% or more

Source

<https://floridadep.gov/rcp/rcp/media/florida-coastal-zone-map>

Past Resilient FL applications

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

Past Resilient FL applications

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

Description

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

(3) RESILIENT FLORIDA GRANT PROGRAM

(d) A vulnerability assessment conducted pursuant to paragraph (b) must include all of the following:

1. Peril of flood comprehensive plan amendments that address the requirements of s. 163.3178(2)(f), if the county or municipality is subject to such requirements and has not complied with such requirements as determined by the Department of Economic Opportunity.
2. If applicable, the depth of:
 - a. Tidal flooding, including future high tide flooding, which must use thresholds published and provided by the department. To the extent practicable, the analysis should also geographically display the number of tidal flood days expected for each scenario and planning horizon.
 - b. Current and future storm surge flooding using publicly available National Oceanic and Atmospheric Administration or Federal Emergency Management Agency storm surge data. The initial storm surge event used must equal or exceed the current 100-year flood event. Higher frequency storm events may be analyzed to understand the exposure of a critical asset.
 - c. To the extent practicable, rainfall-induced flooding using spatiotemporal analysis or existing hydrologic and hydraulic modeling results. Future boundary conditions should be modified to consider sea level rise and high tide conditions. Vulnerability assessments for rainfall-induced flooding must include the depth of rainfall-induced flooding for a 100-year storm and a 500-year storm, as defined by the applicable water management district or, if necessary, the appropriate federal agency. Future rainfall conditions should be used, if available. Noncoastal communities must perform a rainfall-induced flooding assessment.

Statutory criteria: TIER 1		62S-8.003(2), F.A.C., criteria	Points
40 percent	Addresses risk in a vulnerability assessment (VA) or comprehensive statewide flood vulnerability and SLR assessment.	<i>Risk of flooding and sea level rise to critical assets <u>and</u></i>	5
		<i>Risk of compound flooding to critical assets.</i>	5
	Reduces risk to regionally significant asset.	Reduces or avoids risk to regionally significant asset.	10
	Reducing risk in areas with higher percentage of vulnerable critical assets.	Percentage of total critical assets within the project impact area that are vulnerable critical assets.	10
	Contributes to existing flooding mitigation projects that reduce upland damage by incorporating new or enhanced structures or restoration and revegetation projects.	Contributes by incorporating new or enhanced structure <u>or</u>	6
		Contributes by incorporating natural system restoration and revegetation <u>or</u>	6
		Contributes by incorporating new or enhanced structure <i>and</i> incorporating natural system restoration and revegetation.	10
		Tier 1 total points:	40

Statutory criteria: TIER 2		62S-8.003(3), F.A.C., criteria	Points
30 percent	Degree to which flooding and erosion currently affect the condition of the project area.	<i>Frequency of flooding or erosion in the project impact area and</i>	3.75
		<i>Severity of flooding or erosion in the project impact area.</i>	3.75
		<i>Status of project design and</i>	3.75
	Overall readiness of the project to proceed in a timely manner.	<i>Permitting and easement acquisition status and</i>	2.75
		<i>Commitment of local funds for cost-share or the community is a financially disadvantaged small community.</i>	1

Statutory criteria: TIER 3		62S-8.003(4), F.A.C., criteria	Points
20 percent	Availability of local, state, and federal cost share funds.	50% cost share is identified but funds are not appropriated or released <u>or</u>	3.25
		<i>50% cost share available/committed or the community is a financially disadvantaged small community.</i>	6.5
	Previous state commitment and involvement in the project.	Previous state funding for preconstruction activities except design or <u>permitting and</u>	1
		Previous state funding for design <u>and</u>	1.5
		Previous state funding for <u>permitting and</u>	1.5
		State funding awarded for earlier phases of the project's total construction.	2.5
	Exceedance of the flood-resistant construction requirements of the Florida Building Code and applicable flood plain	Exceedance of Florida Building Code flood-resistant requirements or applicable floodplain management regulations <u>or</u> no relevant Florida Building Code flood-resistant	7

	and applicable flood plain management regulations.	requirements or floodplain management regulations apply.	
		Tier 3 total points:	20

Statutory criteria: TIER 4		62S-8.003(5), F.A.C., criteria	Points
10 percent	Project uses innovative technologies designed to reduce project costs and provide regional collaboration.	Innovative technologies will be used, and the proposal explains why they are innovative as well as how they will reduce cost and provide regional collaboration.	5
	Extent to which the project assists financially disadvantaged communities.	The project impact area is located in a financially disadvantaged community.	5
		Tier 4 total points:	10

[ring%20Cri](#)

Points?