

From: [Florida DEP Protecting Florida Together Funding](#)
To: [Michael Davey](#)
Subject: [EXTERNAL] Submittal Confirmation - Wastewater Grant Proposal
Date: Thursday, March 30, 2023 11:34:34 AM



Thank you for submitting a project for consideration under the Florida DEP Protecting Florida Together website. Our project team is evaluating your submittal. In the event your submittal is identified to move to the next stage of consideration, our staff will be in touch with you. You can always check our [grants page](#) for final project selections.

Submitted on Wed, 03/29/2023 - 11:27

Submitted by: Anonymous

Submitted values are:

Get Started

Applicant Name

Michael J. Davey, Grants Coordinator, City of North Port, FL

Applicant Phone Number

(941) 468-4644

Email Address of Person Filling Out Form

mdavey@northportfl.gov

Eligibility Information

Select the type of system which sustained damage.

Stormwater

Is the hurricane-damaged system within one of the eligible counties (i.e., Brevard, Broward, Charlotte, Collier, Duval, Flagler, Indian River, Lee, Manatee, Martin, Nassau, Palm Beach, Saint Johns, Saint Lucie, Sarasota, or Volusia County)?

Yes

Eligible County Value

Yes

Eligible County

Sarasota

Is the system which was damaged operated by a county, municipality, or special taxing district?

Yes

Eligible Facility Value

Yes

Does the damage to the system pose an immediate threat to public health or the environment if not immediately addressed?

Yes, there is an immediate threat to public health and/or the environment if the damage is not immediately addressed.

Damage Eligible Value

Yes

Contact Information

Eligible Entity/Sponsor Name

City of North Port

Entity/Sponsor Contact Name

Michael J. Davey

Entity/Sponsor Contact Phone Number

(941) 468-4644

Entity/Sponsor Contact Email Address

mdavey@northportfl.gov

Entity/Sponsor Contact Street Address

4970 City Hall Blvd

Entity/Sponsor Contact City

North Port

Entity/Sponsor Contact Zip Code

34286

General Project Information

Project Name

Myakkahatchee Creek Debris Removal

Project Street Address

Myakkahatchee Creek from Price Blvd north to North City Boundary

Project City

North Port, FL

Project Zip Code
34286

Project Location

Project Location Latitude
27.08769119879352

Project Location Longitude
-82.22181708151614

Project Estimated Start Date
2023-02-01

Project Estimated Completion Date
2024-08-31

Damages Sustained

Please select one of the below to identify which storm or storms caused the damage described in this application

Hurricane Ian

Provide a detailed description of the damage sustained to the stormwater or wastewater management system due to Hurricanes Ian or Nicole

As a direct result of Hurricane Ian, there are approximately 25 Vital blockages and 61 Medium to High blockages of the Myakkahatchee Creek between Price Blvd and the northern boundary of the City (I-75). The total length of this section of the creek is nearly 2.75 miles. The Myakkahatchee Creek is the most important stormwater conveyance for the City. These blockages severely limit the ability of the City's interconnected system of man-made conveyance canals and retention ditches to manage stormwater runoff. These blockages cause water to stage up in the creek during a rain event and worsen the flooding situation on adjacent roads and properties. These blockages need to be removed. Further, a Professional engineering firm will be retained to select the most practical alignment of a 10 ft wide maintenance access route, prepare construction drawings and specs and obtain all necessary permits. Once constructed, this maintenance access route will not only be used for the immediate need to clear the creek blockages but also for routine access the creek to inspect for future blockages and needed maintenance activities.

Yes
Yes

What date was the documentation of damages emailed?
03-29-2023

Immediate Threat to Public Health or the Environment

What kind of immediate threat does the facility pose if damage is not immediately addressed? (check all that apply)

Threat to public health

If a public health threat, please describe in detail. You must include the total population threatened, percent of total population at immediate risk, the health effects associated with the identified risk and justification for why such health threats are immediate. If the proposed project includes multiple locations or components, please describe how each location/component poses a threat to public health.

The City of North Port has a large creek (the Myakkahatchee) that empties into the Myakka River and then Charlotte Harbor. The south end of the creek is merely 10 feet above sea level on average, and all drainage makes its way to the Gulf of Mexico. The Myakkahatchee Creek is the most important stormwater conveyance for the City, as it is interconnected with a complex system of man-made conveyance canals and retention ditches. As a direct result of Hurricane Ian, there are approximately 25 Vital blockages and 61 Medium to High blockages of the Myakkahatchee creek between Price Blvd and the north boundary of the City. The total length of this section of the creek is nearly 2.75 miles. If the work is not completed before the next major tropical storm or hurricane, these blockages will pose an immediate threat of catastrophic flooding to 80% of the City or approximately 65,000 people. During Ian, severe flooding on the Myakkahatchee Creek and the Myakka River necessitated the closure of I-75 and several major arterial roads within the City. This flooding overwhelmed the city's ability to handle stormwater runoff, stranding and endangering citizens and emergency crews alike. Catastrophic flooding is an immediate threat to life and property. Flooding can "threaten lives, inundate properties and businesses, destroy belongs, damage vital infrastructure and prevent access to essential public services" (<https://oceanoday.noaa.gov>).

Please provide a detailed description of any barriers that may hinder the ability of the applicant to address the immediate threats identified.

There are no immediate barriers other than the need for funding and the pressing need to complete repairs in time for this year's hurricane season. The City is fully prepared and has the capacity to successfully complete the project.

Grant Project Proposal and Funding Request

Please provide a detailed description of the project proposed for funding.

This is a repair (debris and blockage removal) and then construction of a more resilient system than exists presently. This is a permanent measure to address the immediate threat to public health and safety. The first step to removing the extensive accumulation of debris in the Myakkahatchee Creek is to survey the locations of the debris and then design and permit a maintenance access route (underway). This route is necessary because the Creek is bordered on both sides with undeveloped woods, most of which are owned by the City. A Professional engineering firm will be retained to select the most practical alignment of a 10ft-wide maintenance access route, prepare construction drawings and specs and obtain all necessary permits. Once constructed, this maintenance access route will not only be used for the immediate task of clearing the creek blockages but also for routine access along the creek to

inspect for future blockages and to perform needed maintenance. The first step is estimated to be completed by June 2023. The next step will be to haul off and properly dispose of the debris from the Creek. The cost of the entire project is estimated at \$2,500,000.

Please provide a detailed cost estimate of the project (i.e. proposed work plan). Additionally, describe any projects that have already begun or have been completed to address the immediate threat prior to the effective date of this rule.

Survey, Design and Permit (underway): \$97,000
Sediment Barrier: \$122,706
Clearing and Grubbing: \$340,838
Tree Root and Branch Pruning: \$41,000
Tree Removal (small): \$33,600
Tree Removal (medium): \$96,000
Tree Removal (large): \$92,000
Regular Excavation: \$50,506
Embankment: \$59,906
Type B Stabilization: \$281,297
Optional Base, Base Group 4: \$718,966
Pipe Culvert, Optional Material round, 18' SD: \$17,400
Mobilization 10%: \$ 185,422
Contingencies and Inflation: \$363,356
Total: \$2,500,000

Please provide the funding amount requested by the applicant, which shall not exceed \$10 million per project.

\$ 2,500,000.00

Funding Amount Validation Value

10000000

Acknowledge and Submit

Yes

Yes