



city of *PALM COAST*

Stormwater & Engineering Department

City of Palm Coast Floodplain Management Annual Progress Report January 2025

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Palm Coast, FL 32164
386-986-3710

Executive Summary

The purpose of this document is to provide an annual account of activities associated with the City of Palm Coast (“City”) Floodplain Management Program. This document facilitates information that can benefit public officials, businesses, and the citizens of Palm Coast.

The Flagler County Local Mitigation Strategy (LMS) serves as the City’s Floodplain Management Plan under the Community Rating System (CRS) of the National Flood Insurance Program (NFIP).

Under CRS Activity 510, the City is required to complete a Floodplain Management Plan annual progress report. This document serves as that report. The report was submitted to the governing body via the acting City Manager, as she provided the final version to each City Council Member. The report will be available on the City’s website at the following link: <https://www.palmcoast.gov/emergency/flood-preparedness>.

Annual Progress Report Development and Staff Roles

This document was prepared by one (1) of the City Certified Floodplain Managers (CFM), Jordan Myers, and subsequently reviewed by the five (5) remaining City CFM staff, Patrick Buckley, Kendra Iannotti, Carmelo Morales, Sina Vedadi Moghadam, and Eric Gebo. A brief description of these CFM staff is provided in the following section(s). The referenced staff and the remaining Floodplain, Outreach, Awareness & Management (FOAM) Workgroup members, periodically conduct meetings to ensure that CRS program activities are managed and processed throughout the year. Additional discussion of the Team’s role and responsibilities are discussed in the following sections.

Ms. Jordan Myers, CFM is the primary reviewer of elevation certificates during the building permit stage of development. Her core responsibility revolves around the development process and reviews land use changes, development agreements, plats, and site development applications.

Mr. Patrick Buckley CBO, CFM is the Chief Building Official for Palm Coast and has worked in building code enforcement for twenty-eight years. He has been a CFM since 2007 spending most of his time as a floodplain administrator in two Colorado communities with riverine floodplains subject to flash-flooding events and regulating several existing critical facilities located in the floodplain.

Mrs. Kendra Iannotti, CFM actively participates in all CRS program activities and CFM meetings. Mrs. Iannotti’s primary responsibility is within the City Manager’s Office. She provides support for public information that includes website updates, brochures, and library resources.

Mr. Carmelo Morales, PE, CFM serves as the City’s Stormwater Engineer III and achieved CFM certification in August 2021. He has also held a professional license in civil engineering (water



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resources and environmental) since 2012. He is responsible for CIP management, Stormwater designs, and Stormwater plan reviews.

Mr. Sina Vedadi Moghadam, EIT, CFM serves as the City's Stormwater Engineer I and achieved CFM certification in July 2024. He received his EIT certificate in April 2024 and has PhD in Civil Engineering which he received in May 2023. He is responsible for stormwater designs, MS4 permit, water quality monitoring, and various project management.

Mr. Eric Gebo, AIA, CFM serves as the City's Architect and achieved CFM certification in 2018. He also holds a professional license in architecture since 2011.

FOAM (Floodplain Outreach, Awareness & Management) Workgroup Mission Statement:

To support and educate our citizens about flood hazards and the National Flood Insurance Program, while ensuring a safe community through steadfast stewardship of floodplain management, hazard mitigation, open space protection, and comprehensive stormwater management.

The Team's priority is to ensure the City's esteemed reputation in the floodplain community is maintained while providing a safe environment for our citizens.

Members, Titles, and CRS Activity Focus:

- Patrick Buckley, CBO, CFM
Chief Building Official; Role: Florida Building Code regulations
- Jordan Myers, CFM
MS4 Permit & Floodplain Coordinator; Role: CRS Coordinator & City Floodplain Administrator (All Activities)
- Carmelo Morales, PE, CFM
Stormwater Engineer III; Role: Activities 360, 450, 540
- Sina Vedadi Moghadam, EIT, CFM
Stormwater Engineer I; Role: Activities 360, 450, 540
- Kendra Iannotti, CFM
Executive Assistant to the City Manager; Role: Activities 330, 350, 360
- Cathy Almberg
GIS Supervisor; Role: Activities 420, 440, 501

To learn more, the following link will provide more detail. <https://crsresources.org/manual/>

Adoption of the LMS / Updates

The Flagler County Local Mitigation Strategy (LMS) was adopted by *Resolution No. 2016-49* by the City Council on May 17, 2016. The LMS update was accepted on June 17, 2021, and is now approved for another five years. This report respects the effective LMS that gives Flagler County and its municipalities the opportunity to determine what all-hazards mitigation actions need to be taken to minimize damage before the next disaster strikes.

City staff continues to work with County staff and other LMS stakeholders quarterly to enhance floodplain management activities across the entire County.

As part of this annual report, the City of Palm Coast reviews the LMS project list. Concurrently, the 5- year Capital Improvement Plan (CIP) has been evaluated for qualifying projects; fiscal year

2024 projects have been approved via adoption of the budget. Please see Attachment A for the City mitigation projects listed with the Local Mitigation Strategy for future grant consideration. Detailed information about each project can be found in the following sections.

Purpose and Objectives of the LMS

The purpose of the Local Mitigation Strategy (LMS) is to develop a unified approach among County and municipal governments for dealing with an identified hazard and hazard management problems, including flooding, in the Flagler County area. It established an ongoing process that makes hazard mitigation part of the daily routine for the entire community. The LMS also helps establish funding priorities for current proposed mitigation projects and develop priority mitigation projects to be completed with such disaster assistance funds as may be available after a disaster. Implementation of planned, pre-identified, and cost-effective mitigation measures not only helps reduce loss of life, destruction of property, and damage to the environment, but also aids in the decision-making process during the recovery and reconstruction following a disaster.

The primary hazard mitigation goals, objectives, and guiding principles of the LMS are to:

Goal 1.0 Minimize impacts from hazards to infrastructure, critical facilities, and property.

Goal 2.0 Minimize the impact to natural resources (including water resources, wetlands, and coastal habitats).

Goal 3.0 Promote community awareness of vulnerability and mitigation options.

Goal 4.0 Reduce potential hazard related economic losses to businesses.

Goal 5.0 Strengthen relationships in regard to mitigation among municipalities, organizations in the county fulfilling Community Lifelines, the partners throughout the Northeast Florida Region invested in mitigation and resiliency efforts.

Goal 6.0 Promote methods of funding mitigation projects, including innovative methods.

The plan is available for download and viewing by visiting Flagler County Emergency Management website.

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LMS Document

Emergency Management

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ALERTFLAGLER LOCAL WEATHER VOLUNTEERING & TRAINING SPECIAL NEEDS

EMERGENCY NOTICES HURRICANE EVACUATION PLANNING ZONES

Who We Are

The Flagler County Emergency Management Office is the county department charged with carrying out the preparedness for, response to, recovery from, and mitigation from large scale emergencies and disasters.

The office consists of:

Local Mitigation Strategy

Booter's Hurricane Manual (F.I.N.D.)

Flagler County Local Mitigation Strategy Working Group

As noted in the LMS, “the Working Group acts as a local coordination committee to support and recommend projects for various grant programs; recommends to other regulating agencies or organizations ideas on how to better mitigate the community against natural disasters; and provides educational outreach to the general public about ways to prepare for disaster and mitigation opportunities for their homes and businesses.” The Group’s core consists of representatives of local municipalities, local organizations and County departments, and is coordinated by staff of the County Emergency Management Division. The LMS Working Group meetings are scheduled quarterly with supplemental topic-based meetings (i.e., floodplain managers, infrastructure, wildfire mitigation, etc.). The Working Group will continue to regularly review and revise its Prioritized Project List that are eligible for federal and state funding, i.e., Hazard Mitigation Grant Program (HMGP), Flood Mitigation Assistance (FMA) Program, Building Resilient Infrastructure and Communities (BRIC), Community Development Block Grant (CDBG), etc. Over the course of the last year, five meetings were conducted on 3/26/24, 4/12/24, 6/26/24, 9/17/24, and 12/17/24.

List of Mitigation Initiatives

The LMS Working Group has established a list of mitigation projects. The list contains projects that are eligible for HMGP, FMA, and other federal and state funding. Many of the projects listed help to mitigate the potential of flood hazards.

See Attachment A to this report for the complete Prioritized Project List. Previous projects approved for funds from HGMP for Hurricane Matthew and Hurricane Irma are either completed or going through final close-out. There are other projects on the spreadsheet of mitigation projects, and when additional funding becomes available those projects will be ready to apply.

As referenced in the previous section, the list is a living document and routinely updated. Staff is currently working to incorporate other projects discussed in this report onto the list to reflect the City’s effort to mitigate risk. Additional consideration by the Working Group is anticipated due to the ranking process also being modified through the LMS rewrite and updated processing conducted at the state level.

The City Stormwater Department continues to maintain and improve a structured maintenance program of the stormwater drainage network that reduces the chances of localized flooding hazards. With efforts from the GIS Department, and the Maintenance and Engineering teams from Stormwater, several tools have been developed which make tracking metrics easier and pinpointing areas of concern more efficient.

The following inventories maintenance activities conducted in-house by City staff in 2024:

- Swale maintenance and rehabilitation – 221,218 LF
- Valley gutters – 8 Total
- Culvert pipe replacement – 4,311 LF
- Culvert pipe cleaning – 155,764 LF
- Freshwater canal weed control – 10,821 Acres
- Drainage ditch maintenance – 2,787,090 LF
- Catch basins and control structures cleaned out – 623 Total

The Stormwater Engineering Team is continuously pursuing contracts from consultants and contractors to assist with Capital Improvement projects outside of the capabilities and equipment capacity of City Maintenance staff. These and other projects are incorporated into a Geographic Information System (GIS) Mapping Viewer to assist with project management and sharing updates with the public.

CIP Project Dashboard – Collaboration project between Engineering and GIS Departments.

Capital Project Dashboard - Public
City of Palm Coast Capital Improvement Program Viewer

Projects Search and Filter

Active Projects
\$6,600,000 Estimate Cost (Excludes Completed Projects)

Total Active Projects 3

Active Capital Improvement Projects List

- **Saltwater Canal Dredging
- Blare and Colbert Lane Pipe Upgrade Replacements
- Water Quality

Active Project Details

Blare and Colbert Lane Pipe Upgrade Replacements

Bid #: LOI-CD-20-28
Project #: 99025

Phase / Phase Completion

PreDesign Design Procurement Construction Complete

Description

The City is working with design contractor DRMP to improve surface water management at one location across Blare Drive and two locations across Colbert Lane in order to provide an increased level of flood protection for upstream residential areas. These improvements were recommended by DRMP in the Stormwater Master Plan completed in 2019.

Project Updates

City is currently working through permitting process with DRMP and working on the purchase of Mitigation Credits.

1/23/2025 - Project was recently awarded to S. E. Cline and approved by Council.

Public Notices

Click for Interactive Map of Road Closures

Grant Funding N/A **Funding Source** Stormwater Management Fund

Estimated Project Cost \$6,600,000 **Total Project Cost** N/A

Construction Start Date Powered by Esri **Construction End Date**

Enhanced Stormwater Management Program

In October 2018, the city implemented a new enhanced stormwater program. This program was developed to enhance the level of Stormwater service we offer our residents and place emphasis on the maintenance of stormwater infrastructure to include Stormwater ponds, pipe crossings, ditches, canals, weir structures, inspection programs, and an accelerated Capital Improvement Program. This enhanced program focuses on a proactive approach to stormwater maintenance and improvements over a reactive approach. One of the more recent improvements to the enhanced program is a series of interactive Geographic Information system (GIS) applications that allows stormwater crews to document conditions of stormwater assets and keep track of work that was performed. Staff is continuously working with our GIS department to create new resources for internal and external use to improve logistics of stormwater operations and maintenance, and provide information on our past, present, and future activities to residents. Since moving to the new location at 22 Utility Drive in November 2019, the Stormwater Division has continued to grow. New personnel are regularly being hired on to expand crews and the fleet of specialized Stormwater equipment is already stretching the parking capacity of the facility.

Below is an outline of CIP projects that have been contracted out to external firms for design and construction during FY2024:

Planning & Design

- Colbert and Blare – Final plans submitted on 3/19/24

Construction

- London Waterway – Construction began on 11/21/2023.
- P-1 Weir Replacement – Project was awarded to S. E. Cline and pre-construction meeting held on 3/26/2024. Project has not yet started due to permitting delays related to recent 404 decision.
- Trenchless Pipe Lining projects completed in FY24:
 - 2 Fountain Gate Lane
 - 15 Cold Springs Court
 - 27 President Lane
 - 32 Welling Lane
 - 41 Westrobin Lane
 - 44 Filbert Lane
 - 64 Belleaire Drive
 - 70 Fairbank Lane
 - 80 Bud Hollow Drive
 - 142 Plainview Drive
 - 280 Beachway Drive
 - Belle Terre Pkwy @ Kathleen Trail
 - Belle Terre Pkwy @ US-1
 - PCP SW-Bridgehaven Drive
 - Rolling Sands Drive
 - Seminole Woods @ I-4



Figure 1: London Waterway construction



Figure 2: London Waterway finished construction

Through the Citywide Stormwater Master Plan, areas are identified that are susceptible to potential flooding. Project targets include infrastructure that requires improvements, enhancements, or additional maintenance. With this approach, the City develops a Capital Improvements Program that addresses areas of concern and identifies projects that will provide the greatest benefit to the citizens of Palm Coast. The Master Plan modeling has identified potential impacts from new development and aided the development community in providing the most efficient lowest impact stormwater management facilities. See Attachment B for the existing approved budget.

CRS Program Participation

The Local Mitigation Strategy (LMS) references the importance and benefit of the City's participation in the Community Rating System (CRS) of the National Flood Insurance Program (NFIP). Under the CRS, the City undertakes flood protection measures beyond the minimum requirements of the NFIP. By doing so, the City achieved a "Class 4" certification, resulting in a 30% discount of flood insurance premiums issued within the Special Flood Hazard Area (SFHA) in the City effective on May 1, 2017. For properties outside SFHA, 10% discount will remain the same. No discounts are applicable to those holders of preferred risk policies that are already significantly discounted. Currently, according to FEMA, there are 3,216 policies in force in Palm Coast totaling \$1,654,115 in premiums. All these policies are eligible to take advantage of the discounts due to the City's CRS rating.

The City achieves CRS points by undertaking various activities that promote flood protection. These activities are conducted by Floodplain Managers and various City departments. The following section is a summary of certain ongoing activities:

Activity	Departments	CRS Activity #
Collect, review, and maintain elevation certificates. Provide copies to the public.	Floodplain Managers/ Planning/ Zoning/ Stormwater and Engineering	310
Provide Flood Insurance Rate Map (FIRM) information. Provide Flood Zone Determination Letters to the public. Review, maintain and update FEMA Letters of Map Amendments or Revisions. Provide flood insurance information.	Floodplain Managers	320
Provide outreach to the community. Provide flood protection information.	Floodplain Managers	330
Provide flood protection information at the library and on City website	Floodplain Managers/ Information Technology/ Flagler County Public Library	350
Provide technical advice and assistance to public with flooding conditions. Annually publicize the service.	Floodplain Managers/ Stormwater and Engineering	360
Encourage residents and businesses to purchase flood insurance coverage	Floodplain Managers	370
Preserve floodplain in open space and public acquisition.	Planning	420
Maintaining higher regulatory standards. Provide low density areas for floodplain properties. Review new development for compliance. Enforcement of regulations.	Floodplain Managers/ Planning/ Stormwater and Engineering/ Building Division/ Code Enforcement	430
Maintain and use digitized maps. Day to day management of the floodplain. Maintenance of elevation reference marks.	Floodplain Managers/ Information Technology/ Stormwater and Engineering	440
Stormwater management, soil and erosion control, and water quality. Review building elevation to meet floodplain regulations.	Stormwater and Engineering/ Building Division/Planning/ Floodplain Managers	450
Maintain repetitive loss records. Provide yearly notice of property protection.	Floodplain Managers	502
Implement and update Floodplain Management Plan.	Flagler County/ Planning/ Capital Improvements/ Floodplain Managers	510
Drainage system maintenance. Enforce and publicize stream dumping regulations.	Floodplain Managers/ Stormwater and Engineering	540
Emergency response program.	Stormwater and Engineering/ Fire Department /Flagler County EMS	610

These activities are now reviewed through a new centralized collection process for annual recertification purposes for all CRS communities. The City of Palm Coast completed the Community Assistance Visit (CAV) and the 2024 recertification. The City maintained its Class 4 designation and received a 100% on the review of elevation certificates.

Being a Class 4 designation, the City of Palm Coast must participate in this comprehensive review of all activities conducted through the community's floodplain management program; the process ensures that activities remain consistent with the CRS standard of a Class 4. Currently, there are

only 23 other communities with a Class 3 designation or better across the United States which results in discounts for customers holding flood insurance policies. Within the State of Florida, Pinellas County, Class 2, Town of Cutler Bay, Miami-Dade County, Monroe County, and the City of Ocala, Class 3 are the only communities that rank higher than the City of Palm Coast. See Attachment C for participating communities in Florida and FEMA Fact Sheet (Attachment D).

Certified Floodplain Manager Program

The Association of State Floodplain Managers (ASFPM) has established a national program for professional certification of floodplain managers. The program recognizes continuing education and professional development that enhances the knowledge and performance of local, state, federal, and private-sector floodplain managers. As referenced, one staff member in the City's Building Division, one in the City Manager's Office, and four in the Stormwater & Engineering Department have achieved the status of Certified Floodplain Manager (CFM). These certifications reflect the City's commitment to professional development in implementing the City's Floodplain Management Plan. All CFM certified staff are in good standing with the required continuing education requirements.

Training

The City CFM staff have participated in many virtual training sessions to maintain the required Continuing Education Units (CEU) and beyond. Numerous other training activities were conducted amongst the remaining Certified Floodplain Managers to maintain their certifications.

Outreach

City staff targets opportunities to initiate and partner with external agencies to educate the public regarding floodplain management and associated effects on insurance policies and safety matters. Each Spring, an informational brochure is released to the public via a utility bill insert. In addition, staff participates in various events to promote flood awareness, and the [City's website](#) serves as a resource for tips and other helpful information.

- Annual Utility Bill Insert (May 2024)
- Annual Mailing to Insurance and Real Estate Brokers for flood insurance awareness (August 2024)
- Annual Mailing to owners of new single-family homes constructed in a Special Flood Hazard Area (August 2024)
- Flagler County Home Show (January 2024)

Flood Insurance Rate Maps and Flood Insurance Study

On June 6, 2018, the updated Flood Insurance Rate Maps and Study took effect. As the new maps were adopted 6 years ago, the amount of determination requests has decreased significantly. During this reporting cycle, CFMs responded to 4 routine requests for a flood zone determination and 10 determinations during the Home Show.

The screenshot shows a mobile-optimized version of the City of Palm Coast website. At the top is a red banner with the text "Palm Coast STAY AWARE, BE PREPARED" and three small images: a lightning bolt, a flooded area, and a firefighter. Below the banner are two blue buttons: "Disaster Preparedness Guide" and "Emergency Numbers to Know!". Under these buttons are six small cards, each with an icon and a title: "Hurricanes / Flooding", "Tornadoes", "Lightning", "Wildfires", "Disaster Preparedness", and "ALERTPalmCoast". Each card has a "Learn More" button at the bottom.

Summary

The Flagler County Local Mitigation Strategy (LMS), which serves as the City's Floodplain Management Plan under the Community Rating System (CRS) of the National Flood Insurance Program (NFIP), was formally adopted by the City of Palm Coast City Council on May 17, 2016, and updated on June 17, 2021. As part of the LMS, the City accounts for Mitigation Initiative Projects and associated status. A strong element to these efforts is the maintenance and improvement of the overall performance of the master stormwater system. Many other improvements are being planned and under design for construction in future years as part of the Stormwater Master Plan. Lastly, the City has been very successful in securing grants to offset the cost of mitigating risk while ensuring continuum of services of water and wastewater utilities City-wide.

As part of the CRS requirements, the City of Palm Coast participates in annual recertification and a comprehensive assessment every three years called a Community Assistance Visit (CAV) conducted by Insurance Services Office (ISO). Activities are undertaken by various City departments on an ongoing basis to retain the CRS certification, which results in substantial discounts to flood insurance premiums in the City of Palm Coast. The City of Palm Coast completed the Community Assistance Visit (CAV) and the 2024 recertification. The City maintained its Class 4 designation and received a 100% on the review of elevation certificates

For insurance holders located within a special flood hazard area (A and AE zones), a 30% reduction is applied at renewal. For properties outside the Special Flood Hazard Area, 10% discount remains the same.

City staff have steadily improved educational outreach activities. City staff recognizes that these activities are critical to expand awareness regarding the importance of infrastructure maintenance, flood insurance, emergency preparedness and City services. The [City website content](#), publications, utility bill inserts, and annual mailing elements have been enhanced to include information on the Flood Insurance Rate Map changes that took effect on June 6, 2018 and the City's Enhanced Stormwater Management Program.

City of Palm Coast Next Year Budget Analysis

-43%
(7,036,323)
-16%
(2,662,419)

		2022 Actuals	2023 Original Budget	2023 Revised Budget	2023 Actuals	2023 Projected Actuals	2024 DEPT RQUST Budget
54205509	STORMWATER ENGINEERING	\$186,957.76	\$16,192,946.00	\$16,192,946.00	\$5,289,312.42	\$9,156,623.00	\$13,530,527.00
012000	SALARIES AND WAGES	\$604,486.11	\$923,220.00	\$923,220.00	\$430,018.22	\$848,220.00	\$516,402.00
012010	CAR/CELL ALLOWANCE	\$4,561.95	\$0.00	\$0.00	\$621.55	\$622.00	\$0.00
014000	OVERTIME	\$7,264.50	\$10,000.00	\$10,000.00	\$2,324.71	\$5,000.00	\$1,000.00
021000	FICA TAXES	\$36,623.62	\$57,198.00	\$57,198.00	\$25,994.44	\$57,198.00	\$31,670.00
021100	MEDICARE	\$8,623.68	\$13,385.00	\$13,385.00	\$6,079.36	\$13,385.00	\$7,410.00
022000	RETIREMENT CONTRIBUTIONS	\$74,936.59	\$108,697.00	\$108,697.00	\$54,524.76	\$103,697.00	\$61,291.00
023000	HEALTH INSURANCE	\$79,906.78	\$110,524.00	\$110,524.00	\$58,353.80	\$105,524.00	\$81,960.00
023030	LIFE INSURANCE	\$958.67	\$4,125.00	\$4,125.00	\$677.19	\$4,125.00	\$2,306.00
023035	DISABILITY	\$1,978.89	\$4,081.00	\$4,081.00	\$1,347.13	\$4,081.00	\$2,282.00
024000	WORKERS COMPENSATION	\$8,042.70	\$14,711.00	\$14,711.00	\$13,327.82	\$14,711.00	\$8,487.00
	PERSONAL SERVICES	\$827,383.49	\$1,245,941.00	\$1,245,941.00	\$593,268.98	\$1,156,563.00	\$712,808.00
031000	PROFESSIONAL SERVICES	\$139,721.87	\$175,000.00	\$175,000.00	\$56,377.43	\$96,847.00	\$450,000.00
	Details for PROFESSIONAL SERVICES						
	Miscellaneous Services					\$26,214.00	\$50,000.00
	City-Wide Infrastructure Stormwater Master Plan					\$69,472.00	\$0.00
	City-Wide Real Time Flood Forecasting					\$0.00	\$275,000.00
	MS4 Permitting Program					\$1,161.00	\$125,000.00
034000	OTHER CONTRACTUAL SVCS	\$3,271.23	\$20,000.00	\$20,000.00	\$50.00	\$10,000.00	\$20,000.00
	Details for OTHER CONTRACTUAL SVCS						
	Miscellaneous Services					\$10,000.00	\$20,000.00
040000	TRAVEL & EXTERNAL TRAINING	\$3,752.70	\$9,800.00	\$9,800.00	\$2,133.73	\$9,800.00	\$11,300.00
	Details for TRAVEL & EXTERNAL TRAINING						
	American Society of Floodplain Managers (ASFM) FFMA Conference					\$5,000.00	\$5,000.00
	Geographic Information System Training					\$2,300.00	\$2,300.00
	Project Management Institute Training					\$0.00	\$1,500.00
	Florida Stormwater Association (FSA) Conference					\$1,500.00	\$1,500.00
	Additional Training and Items to Maintain/Renew Licenses & Certifications					\$1,000.00	\$1,000.00
052000	OPERATING SUPP&EQUIPUNDER\$5K	\$3,596.22	\$8,103.00	\$8,103.00	\$6,171.72	\$8,103.00	\$2,288.00
	Details for OPERATING SUPP&EQUIPUNDER\$5K						
	Boot Stipends					\$1,200.00	\$600.00
	Truck & Hand Tools, Misc. Supplies					\$2,500.00	\$1,000.00
	Calibration & Replacement of Minor/Small Survey Equipment					\$3,000.00	\$0.00
	Copy Paper					\$53.00	\$88.00
	Uniform Shirts					\$1,350.00	\$600.00

City of Palm Coast Next Year Budget Analysis

-43% -16%

052005	FUEL CHARGE	\$2,352.67	\$3,500.00	\$3,500.00	\$1,093.87	\$3,500.00	\$1,250.00
054000	BOOKS, PUB, SUBSCRIP, MEMBERSHIP	\$829.90	\$4,548.00	\$4,548.00	\$353.75	\$4,548.00	\$2,589.00
Details for BOOKS, PUB, SUBSCRIP, MEMBERSHIP							
	Association of State Floodplain Managers (ASFPM) Membership					\$600.00	\$600.00
	Additional Memberships, Licenses & Certifications					\$1,000.00	\$500.00
	Florida Engineering Society (FES) Membership					\$600.00	\$500.00
	Florida Floodplain Managers Association (FEMEA) Membership					\$600.00	\$600.00
	Florida Board of Professional Engineers (FBPE) License/Certification					\$1,000.00	\$0.00
	Books, Publishings & Educational					\$250.00	\$250.00
	Project Management Institute (PMI) Membership					\$139.00	\$139.00
	National Society of Professional Surveyors (NSPS) License/Certification					\$80.00	\$0.00
	Florida Surveying & Mapping Society (FSMS) Membership					\$279.00	\$0.00
	OPERATING EXPENDITURE	\$153,524.59	\$220,951.00	\$220,951.00	\$66,180.50	\$132,798.00	\$487,427.00
061000	LAND	\$2,062.98	\$0.00	\$0.00	\$4,867.60	\$5,000.00	\$75,000.00
061000-99026	LAND	\$0.00	\$75,000.00	\$75,000.00	\$0.00	\$0.00	\$0.00
063000-55001	IMPR-CONTROL STRUCTURE REPL	\$36,861.20	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$150,000.00
Details for IMPROVEMENTS OTHTHAN BUILDINGS							
	STRUCTURE REPAIRS & SCADA UPDATES					\$75,000.00	\$150,000.00
063000-55003	DITCH & PIPE REHAB & RENEWAL	\$0.00	\$90,000.00	\$90,000.00	\$66,450.50	\$90,000.00	\$50,000.00
	Details for IMPROVEMENTS OTHTHAN BUILDINGS						
	Construction					\$90,000.00	\$50,000.00
063000-55010	PINE GROVE WTRWAY DREDGING PHA	\$0.00	\$0.00	\$46,000.00	\$19,460.87	\$46,000.00	\$0.00
063000-55230	CANAL PIPE & SEAWALL REPLACEME	\$20,000.00	\$75,000.00	\$75,000.00	\$3,995.00	\$10,000.00	\$80,000.00
	Details for IMPROVEMENTS OTHTHAN BUILDINGS						
	Canal End Seawalls					\$0.00	\$70,000.00
	Pipes thru Seawalls					\$10,000.00	\$10,000.00
063000-55232	MAJOR CANAL CROSSING	\$669,582.75	\$1,735,172.00	\$1,735,172.00	\$1,594,700.83	\$1,735,172.00	\$821,647.00
	Details for IMPROVEMENTS OTHTHAN BUILDINGS						
	Emergency Pipe Lining					\$20,172.00	\$275,000.00
	Pipe Inspections					\$0.00	\$50,000.00
	Pipe Lining					\$1,715,000.00	\$496,647.00
063000-55234	MAJOR CROSSING W-1	\$702,633.72	\$1,021,263.00	\$2,347,997.03	\$1,551,004.02	\$2,964,971.00	\$0.00
	Details for IMPROVEMENTS OTHTHAN BUILDINGS						
	Contingency					\$292,558.00	\$0.00
	Construction					\$2,631,413.00	\$0.00
	CEI					\$41,000.00	\$0.00
063000-99013	L-4(ROYAL PALMS) CONTROL STR	\$2,156.74	\$2,477,681.00	\$2,441,200.97	\$1,096,835.07	\$2,441,201.00	\$0.00
	Details for IMPROVEMENTS OTHTHAN BUILDINGS						

City of Palm Coast Next Year Budget Analysis

							-43%	-16%
	Construction						\$2,441,201.00	\$0.00
063000-99014	DRAINAGE IMPR PROJECTS	\$3,171.00	\$90,000.00	\$90,000.00	\$39,814.60	\$75,000.00	\$50,000.00	
	Details for IMPROVEMENTS OTH THAN BUILDINGS							
	Construction						\$75,000.00	\$50,000.00
063000-99018	DRAINAGE IMPR - E SECTION	\$1,397,322.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
063000-99025	DRAINAGE BLARE & COLBERT	\$0.00	\$2,500,000.00	\$2,500,000.00	\$31,306.25	\$60,081.00	\$0.00	
	Details for IMPROVEMENTS OTH THAN BUILDINGS							
	Construction						\$60,081.00	\$0.00
063000-99026	DRAIN-LONDON WTY PHASE I	\$70,811.20	\$4,940,000.00	\$4,940,000.00	\$44,551.01	\$54,074.00	\$9,238,139.00	
	Details for IMPROVEMENTS OTH THAN BUILDINGS							
	Construction						\$54,074.00	\$9,238,139.00
063000-99027	STORMWATER FACILITY IMP	\$1,870.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
063000-99028	DRAINAGE IMPR K SECTION	\$37,034.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00
063000-99043	WEIR REPLACEMENT P-1	\$42,422.70	\$1,336,254.00	\$0.00	\$78.14	\$79.00	\$1,500,000.00	
	Details for IMPROVEMENTS OTH THAN BUILDINGS							
	Construction						\$79.00	\$1,500,000.00
	CAPITAL EXPENDITURES	\$2,985,929.02	\$14,415,370.00	\$14,415,370.00	\$4,453,063.89	\$7,556,578.00	\$12,004,786.00	
041100	IT&C ALLOCATION	\$104,392.00	\$104,966.00	\$104,966.00	\$69,976.00	\$104,966.00	\$141,365.00	
044100	FLEET REPLACEMENT ALLOCATION	\$12,562.00	\$45,119.00	\$45,119.00	\$30,080.00	\$45,119.00	\$18,284.00	
045001	PROPERTY INSURANCE	\$36,888.08	\$51,436.00	\$51,436.00	\$37,069.08	\$51,436.00	\$91,675.00	
045002	LIABILITY INSURANCE	\$18,946.56	\$39,755.00	\$39,755.00	\$21,265.17	\$39,755.00	\$58,678.00	
045003	AUTOMOBILE INSURANCE	\$706.03	\$1,172.00	\$1,172.00	\$588.80	\$1,172.00	\$1,294.00	
046100	FLEET MAINTENANCE ALLOCATION	\$6,162.00	\$6,735.00	\$6,735.00	\$4,488.00	\$6,735.00	\$6,335.00	
046102	EMERGENCY COMMUNICATIONS ALLOCATION	\$3,102.00	\$3,593.00	\$3,593.00	\$2,392.00	\$3,593.00	\$7,875.00	
	INTERNAL ALLOCATIONS	\$182,758.67	\$252,776.00	\$252,776.00	\$165,859.05	\$252,776.00	\$325,506.00	
064999	CONTRA ASSETS	(\$3,967,803.01)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	CONTRA CAPITAL	(\$3,967,803.01)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
091501	TRANSFER TO FLEET MANAGEMENT	\$0.00	\$40,578.00	\$40,578.00	\$0.00	\$40,578.00	\$0.00	
	Details for TRANSFER TO FLEET MANAGEMENT							
	N17 - FY23 - F150						\$40,578.00	\$0.00
091502	TRANSFER TO FLEET COMMUNICATION	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
091525	TRANSFER TO ITC FUND	\$4,165.00	\$17,330.00	\$17,330.00	\$10,940.00	\$17,330.00	\$0.00	
	Details for TRANSFER TO IT INTRN SVC FUND							
	FY23 New Equipment - Stormwater Engineering						\$6,390.00	\$0.00
	FY23 New Position Equipment - Resiliency Compliance Manager						\$5,875.00	\$0.00
	FY23 New Position Equipment - Survey Crew Chief						\$5,065.00	\$0.00
	INTERFUND TRANSFER	\$5,165.00	\$57,908.00	\$57,908.00	\$10,940.00	\$57,908.00	\$0.00	



City of Palm Coast
Capital Improvement Plan

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
Starting Fund Balance (Minus Reserves)		5,884,415	3,861,641	506,433	256,160	143,610	1,754,378
Revenues:							
Ad Valorem Taxes		527,724	529,222	530,721	532,220	533,718	545,994
Stormwater Fees		18,685,652	21,736,563	23,977,931	25,488,380	26,071,356	26,749,211
SJRWMD Grant - London Waterway	99026	633,150	271,350	-	-	-	-
New Debt 1 - Series 2024 (10yrs)		1,329,879	-	-	-	-	-
New Debt 1 - Series 2024 (10yrs) Loan Fees		46,378	-	-	-	-	-
New Debt 2 - Series 2025 (20yrs)		-	17,000,000	-	-	-	-
New Debt 2 - Series 2025 (20yrs) - Loan Fees		-	270,000	-	-	-	-
New Debt 3 - Series 2027 (20yrs)		-	-	6,200,000	-	-	-
New Debt 3 - Series 2027 (20yrs) - Loan Fees		-	-	195,000	-	-	-
Misc Revenues		750,000	450,000	450,000	450,000	450,000	450,000
Legislative Priority (P-1)	99043	-	1,250,000	-	-	-	-
Real Time Flood Forecasting		-	275,000	-	-	-	-
Interest on Investments		300,000	150,000	59,600	63,200	64,200	51,924
Transfers:							
American Rescue Plan - London Waterway Expansion	381053	4,289,930	1,838,541	-	-	-	-
Total Revenues		26,562,713	43,770,676	25,018,252	32,928,800	27,119,274	27,797,129
Total Available Funds		32,447,127	47,632,317	25,524,685	33,184,960	27,262,884	29,551,507

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
Operating Expenses:							
Operating Expenditures		13,002,764	16,558,510	17,391,020	18,404,535	17,237,057	17,262,650
Stormwater Engineering - 54205509		1,041,126	787,093	826,000	867,000	910,000	956,000
Stormwater Maintenance - 54205511		4,498,908	5,960,619	6,742,000	7,445,000	7,817,000	8,310,000
- New Staff - Freshwater Canal Crew 1/4 yr (1 Spv, 1 Lead, 3 EO, 1 Temp)		236,287	-	-	-	-	-
- New Staff - Equipment Specialist 1/4yr (PG12)		42,847	-	-	-	-	-
- New Staff - Concrete & Asphalt Crew (1 Frmn, 3 EO, 1 Temp)		-	-	348,871	-	-	-
- New Staff - EO III (Pontoon) (PG11)		-	-	-	-	97,288	-
- New Staff - Culvert Crew (EO III & EO)		-	133,092	-	-	-	-
- New Staff - Ditch Crew #2 (1 Frmn, 1, EOIII, 2 EOII, 1 Temp)		-	255,188	-	-	-	-
- New Staff - Swale Specialist (PG12)		-	72,141	-	-	-	-
Stormwater Operations		1,562,355	1,964,143	2,223,000	2,334,000	2,602,000	2,732,000
- New Staff - Citizen Engagement & Outreach Coordinator (PG15)		81,932	-	-	-	-	-
- New Staff - Stormwater Specialist (PG12)		87,019	-	-	-	-	-
- New Staff - Deputy Director of Stormwater & Engineering (PG23)		-	-	-	144,525	-	-
- New Staff - Finance Technician I (PG12)		-	71,668	-	-	-	-
- New Staff - Engineering Technician (PG12)		-	81,458	-	-	-	-
Non-Departmental		1,350,655	1,372,606	1,441,236	1,513,298	1,588,963	1,668,411
- Debt Service		1,601,485	3,285,502	3,234,913	3,525,712	3,521,239	3,521,239
Principal	071000						
- SRF - Stormwater 903040 (To FY26)		282,889	290,104	297,503	-	-	-
- SRF - Stormwater 903070 (To FY30)		150,322	159,986	165,049	175,000	175,240	175,240
- SRF - Stormwater 180400 (To FY42)		64,467	82,714	82,714	82,714	82,714	82,714
- Series 2019A (To FY29)		123,000	126,000	128,000	130,000	131,000	131,000
- Series 2019B (To FY39)		178,000	183,000	187,000	191,000	191,000	191,000
- Series 2022 (To FY41)		340,000	350,000	360,000	370,000	370,000	370,000
- New Debt 1 - Series 2024 (To FY34)		-	112,816	119,021	125,567	132,473	132,473
- New Debt 2 - Series 2025 (To FY45)		-	457,003	485,566	515,914	548,159	548,159
- New Debt 3 - Series 2027 (To FY47)		-	-	-	160,302	171,122	171,122
Interest	072000						
- SRF - Stormwater 903040 (To FY26)		20,281	13,066	5,667	-	-	-
- SRF - Stormwater 903070 (To FY30)		32,310	22,646	17,583	7,632	7,632	7,632
- SRF - Stormwater 180400 (To FY42)		-	-	-	-	-	-
- Series 2019A (To FY29)		18,533	15,618	12,632	11,599	11,470	11,470
- Series 2019B (To FY39)		85,486	81,071	76,533	72,895	71,895	71,895
- Series 2022 (To FY41)		198,653	189,848	180,782	171,458	166,874	166,874
- New Debt 1 - Series 2024 (To FY34)		57,544	72,256	66,051	59,505	52,599	52,599
- New Debt 2 - Series 2025 (To FY45)		-	1,079,374	1,050,812	1,020,463	988,219	988,219
- New Debt 3 - Series 2027 (To FY47)		-	-	-	431,663	420,842	420,842
Other Debt Service Costs	073000	50,000	50,000	-	-	-	-
- Transfer for Maintenance Operations Center	091300	2,500,000	2,500,000	2,500,000	2,500,000	625,567	-
- Land Acquisition	99026	150	75,000	75,000	75,000	75,000	75,000

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
Professional Services							
- LIDAR (cost share)	031000	195,000	470,000	353,055	305,610	255,796	261,548
- Stormwater Rate Study (Consultant)				108,632			
- City-Wide Infrastructure Stormwater Master Plan					55,565		
- MS4 Permitting Program		145,000	145,000	190,107	194,479	198,952	203,426
- City-Wide Real Time Flood Forecasting			275,000				
- Miscellaneous Services		50,000	50,000	27,158	27,783	28,422	29,061
Contractual Services	034000	297,500	347,000	237,362	193,367	197,815	202,236
- Miscellaneous Services		5,000	20,000	10,863	11,113	11,369	11,624
- Annual Telemetry Subscription - SCADA		14,000	14,000	17,381	17,781	18,190	18,599
- Pump Station Maintenance & Repair		50,000	50,000	43,453	44,452	45,475	46,497
- Water Quality Monitoring Repair		8,000	5,000	-	-	-	-
- Water Control SCADA Support & Service		15,000	15,000	16,295	16,670	17,053	17,436
- Water Control Equipment Replacement & Spare Parts		35,000	45,000	32,590	33,339	34,106	34,873
- Weir Cameras		32,000	40,000	-	-	-	-
- Building Maintenance & Repair		2,000	30,000	2,173	2,223	2,274	2,325
- Landscaping & Irrigation Maintenance & Repairs		20,000	15,000	5,432	5,557	5,684	5,812
- Plumbing Repairs		1,000	1,000	1,086	1,111	1,137	1,162
- Mechanical Repairs		1,000	5,000	1,086	1,111	1,137	1,162
- Electrical Repairs		2,500	10,000	1,086	1,111	1,137	1,162
- Facility Expansion		50,000	35,000	-	-	-	-
- Waste Hauling		2,000	2,000	2,716	3,334	3,411	3,487
- Swale Dirt (Auction)		5,000	5,000	54,316	5,557	5,684	5,812
- Freshwater Alternative Treatments		30,000	30,000	21,726	22,226	22,737	23,249
- Canal Clearing (Removal of Trees & Underbrush)		5,000	5,000	5,432	5,557	5,684	5,812
- Sediment Removal		5,000	5,000	5,432	5,557	5,684	5,784
- Tree Removal		15,000	15,000	16,295	16,670	17,053	17,436

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
Projects:							
Saltwater Canal System:	55230	50,000 10,000 40,000	110,000 10,000 100,000	115,000 10,000 105,000	120,000 10,000 110,000	125,000 10,000 115,000	130,000 10,000 120,000
- Pipes Thru Seawalls							
- Canal End Seawalls							
Stormwater Storage/Detention:	99026				675,000 675,000	675,000 675,000	
London Waterway Expansion: Phase 2		-	-	-	675,000 675,000	675,000 675,000	-
- Design		-	-	-			
London Waterway Expansion: Phase 1	99026	6,466,697 175,000 1,368,617 633,150 4,289,930	2,771,442 75,000 586,550 271,350 1,838,541	- - - - -	- - - - -	- - - - -	- - - - -
- Design & Construction Administration							
- Construction & Contingency							
- Construction (Grant - SJRWMD)							
- Construction (ARPA)							
Lehigh Canal Capacity Improvement (ROAD)	55110	-	850,000 850,000	-	-	-	-
- Design		-					
Project(s) to be Determined	99510	-	300,000 300,000	150,000 150,000	1,000,000	-	-
- Design		-					
- Construction		-			1,000,000	-	-
Control Structure Replacements:	55001						
Control Structures		100,000	150,000	150,000	150,000	150,000	150,000
- Design		-	50,000	50,000	50,000	50,000	50,000
- Construction		75,000	75,000	75,000	75,000	75,000	75,000
- Structure Repairs		25,000	25,000	25,000	25,000	25,000	25,000
L-4 Weir Replacement (Royal Palm Parkway)	99013	358,603	-	-	-	-	-
- Construction		358,603	-	-	-	-	-
P-1 Weir Replacement (West BT south of Pine Grove)	99043	40,000 40,000	1,460,000 60,000	-	-	-	-
- Design		-	-				
- Construction		-	150,000	-	-	-	-
- Construction (Grant)		-	1,250,000	-	-	-	-
B-1, B-2, & B-3 (Pop offs for Bellaire Waterway)	TBD	-	-	250,000 250,000	1,200,000	-	-
- Design		-	-				
- Construction		-	-	250,000	-	-	-
W-1 Wier Replacement & Upgrade	55005	-	150,000 150,000	-	2,000,000	-	-
- Design		-	-				
- Construction		-	150,000	-	2,000,000	-	-

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
Major Pipe & Canal Crossings (Replacements):							
W-1 (Belle Terre @ BTMS)	55234	220,000 220,000	-	-	-	-	-
- Construction							
M-2 (OKR @ Big Mulberry Creek)	55222	-	1,000,000	-	-	-	-
- Design			-	-	-	-	-
- Construction			-	-	-	-	-
Pipe Inspections & Lining	55232	804,228	4,325,000	825,000	2,525,000	525,000	525,000
- FDOT Bridge Inspection Program (22 Culverts)		-	-	-	-	-	-
- Pipe Inspections		-	50,000	50,000	-	-	-
- Pipe Replacements / Lining		493,870	-	500,000	250,000	250,000	250,000
- Pipe Lining		-	4,000,000	-	2,000,000	-	-
- Contingency (Emergency Linings)		310,358	275,000	275,000	275,000	275,000	275,000
Capacity Improvements:							
Drainage Improvement Projects	99014	115,000 115,000	50,000	300,000	300,000	300,000	300,000
- Design			50,000	50,000	50,000	50,000	50,000
- Construction			-	250,000	250,000	250,000	250,000
Ditch & Pipe Rehab & Renewal	55003	50,000	50,000	100,000	550,000	200,000	650,000
- Design		-	50,000	100,000	50,000	50,000	50,000
- Construction		-	-	-	500,000	150,000	600,000
Blare & Colbert	99025	6,188	5,000,000	-	-	-	-
- Design, CEI, Contingency		6,188	800,000	-	-	-	-
- Construction (HMGP or Loan)		-	-	3,150,000	-	-	-
- Construction,		-	-	-	1,050,000	-	-
Drainage Improvement - K Section	99028	24,000 24,000	6,500,000	-	-	-	-
- Design, CEI, Contingency			750,000	-	-	-	-
- Construction (HMGP or Loan)		-	-	4,312,500	-	-	-
- Construction		-	-	-	1,437,500	-	-
Freshwater Canal Dredging:							
Pine Grove Waterway West	55010	33,000 33,000	1,200,000	-	-	-	-
- Design			-	-	-	-	-
- Construction, CEI, Contingency		-	1,200,000	-	-	-	-

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
Pipe Replacements:							
Pipe Replacements	55003	946,000	995,000	785,000	840,000	895,000	950,000
- Pipe & Miscellaneous Materials		246,000	250,000	255,000	265,000	275,000	285,000
- Emergency Pipe Replacements		90,000	90,000	95,000	100,000	105,000	110,000
- Road Base & Aggregates		80,000	100,000	105,000	110,000	115,000	120,000
- Concrete for Spillways		65,000	75,000	75,000	80,000	85,000	90,000
- Asphalt		-	-	65,000	70,000	75,000	80,000
- Catch Basins		15,000	15,000	25,000	30,000	35,000	40,000
- Sod		45,000	55,000	60,000	65,000	70,000	75,000
- Debris Removal		45,000	45,000	55,000	60,000	65,000	70,000
- Equipment Rental		10,000	15,000	20,000	25,000	30,000	35,000
- Contract Work		350,000	350,000	30,000	35,000	40,000	45,000
System Maintenance Rehab & Renewal:	034000						
Swale Maintenance Rehab & Renewal	55105	743,000	2,020,000	787,500	835,000	882,500	935,000
- Driveway Replacements		25,000	30,000	32,500	35,000	37,500	40,000
- Sod		675,000	650,000	685,000	720,000	755,000	795,000
- Debris Removal		20,000	20,000	25,000	30,000	35,000	40,000
- Pipe		8,000	10,000	15,000	20,000	25,000	30,000
- Contract Work		5,000	1,300,000	10,000	10,000	10,000	10,000
- Equipment Rental		10,000	10,000	20,000	20,000	20,000	20,000
Freshwater Canal Maintenance	55105	73,000	140,000	143,500	167,000	190,500	214,000
- Aggregates & Erosion Control		20,000	40,000	50,000	55,000	60,000	65,000
- Sod		8,000	15,000	17,500	20,000	22,500	25,000
- Boat Ramp and Headwall Repair		15,000	50,000	25,000	30,000	35,000	40,000
- Debris Removal		10,000	10,000	11,000	12,000	13,000	14,000
- Equipment Rental		10,000	10,000	20,000	25,000	30,000	35,000
- Contract Work		10,000	15,000	20,000	25,000	30,000	35,000
Ditch Maintenance and Rehab.	55003	145,000	160,000	200,000	210,000	220,000	230,000
- Sod		35,000	50,000	55,000	60,000	65,000	70,000
- Debris Removal		30,000	30,000	50,000	50,000	50,000	50,000
- Contract Work		40,000	40,000	40,000	40,000	40,000	40,000
- Equipment Rental		10,000	10,000	20,000	20,000	20,000	20,000
- Aggregates & Erosion Control		30,000	30,000	35,000	40,000	45,000	50,000
Weed Control	99019	820,853	865,846	932,838	932,838	932,838	932,838
- Weed Control on Freshwater Canals & Ditches		799,853	839,846	881,838	881,838	881,838	881,838
- Weed Control Contingency		20,000	25,000	50,000	50,000	50,000	50,000
- Weed Control Cost Share Ribbon Lake		1,000	1,000	1,000	1,000	1,000	1,000

STORMWATER MANAGEMENT FUND	GL	FY 24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29
New Equipment	064000	4,094,654	1,653,086	2,048,250	2,133,000	2,222,000	3,206,000
- Stormwater Engineering Fleet Replacement Allocation (Base Amount)		18,284	24,557	32,250	34,000	36,000	38,000
- Stormwater Maintenance Fleet Replacement Allocation (Base Amount)		1,448,453	1,413,249	1,609,000	1,689,000	1,773,000	1,862,000
- Stormwater Operations Fleet Replacement Allocation (Base Amount)		30,645	54,292	57,000	60,000	63,000	66,000
- FY24 - N1 - F150	Project Specialist Director/Deput	54,176	-	-	-	-	-
- FY24 - N27 - Ford Explorer	Swäte Crew/Driver	39,707	-	-	-	-	-
- FY25 - N4 - FORD F150	Swäte (Pontoon / Menz)	-	62,619	-	-	-	-
- FY24 - N2 - Chevy 2500 Service (Rate Study)	Canal Crew	-	-	-	-	-	100,000
- FY28 - N3 - Pontoon Excavator (New Equipment) exchange for Vac Con requested in F	Canal Crew	-	-	-	-	-	790,000
- FY24 - N6 - F150 (Rate Study)	Canal Crew	53,801	-	-	-	-	-
- FY24 - N8 - F250 Crew (Rate Study)	Canal Crew	61,460	-	-	-	-	-
- FY24 - N11 - Airboat (Rate Study)	Canal Crew	63,840	-	-	-	-	-
- FY23 - N14 - Tow Master T-50RG - Trailer	Canal Crew	54,355	-	-	-	-	-
- FY24 - N15 - Hydraulic Angle Broom & Concrete Breaker	Pipe Crew	20,767	-	-	-	-	-
- FY23 - N16 - Ext Cab 4x4 F150	Pipe Crew	44,874	-	-	-	-	-
- FY24 - N16 - Cargo Mate Enclosed Trailer	Pipe Crew	13,106	-	-	-	-	-
- FY24 - N17 - F250 Service Body (Rate Study)	Canal Crew	82,860	-	-	-	-	-
- FY24 - N18 - Enclosed Trailer (Rate Study)	Canal Crew	8,667	-	-	-	-	-
- FY24 - N19 - Skid Steer (Rate Study)	Canal Crew	101,584	-	-	-	-	-
- FY24 - N20 - Zero Turn Mower (Rate Study)	Canal Crew	14,299	-	-	-	-	-
- FY24 - N21 - Western Star Dump (New Equipment) - Remove from loan	Con./Asp. Crew	198,738	-	-	-	-	-
- FY24 - N22 - Towmaster Trailer (Rate Study)	Con./Asp. Crew	56,586	-	-	-	-	-
- FY24 - N23 - CAT Excavator (Rate Study) - remove from loan purchased in FY24	Ditch Crew	98,103	-	-	-	-	-
- FY24 - N24 - Asphalt Roller (New Equipment) Loan	Con./Asp. Crew	67,182	-	-	-	-	-
- FY24 - N25 - F250 Service Body (Rate Study)	Con./Asp. Crew	79,699	-	-	-	-	-
- FY24 - N26 - F350 Dump (Rate Study - Loan)	Con./Asp. Crew	94,024	-	-	-	-	-
- FY24 - N28 - Western Star Dump (Rate Study)	Ditch Crew	198,738	-	-	-	-	-
- FY24 - N29 - Towmaster (Rate Study)	Ditch Crew	56,586	-	-	-	-	-
- FY24 - N30 - CAT Excavator (Rate Study - Loan)	Con./Asp. Crew	98,103	-	-	-	-	-
- FY24 - N31 - CAT Excavator (Rate Study-Loan)	Ditch Crew	98,103	-	-	-	-	-
- FY24 - N32 - F250 Service Body (Rate Study)	Ditch Crew	79,699	-	-	-	-	-
- FY24 - N33 - F350 Dump (Rate Study - Loan)	Ditch Crew	94,024	-	-	-	-	-
- FY24 - N34 - F250 Service (Rate Study)	Equip. Specialist	84,486	-	-	-	-	-
- FY24 - N12 - Vac-Con (New Equipment - Loan) instead for 24-N3 remove from loan	Culvert Crew	679,705	-	-	-	-	-
- FY25 - N3 - Emergency Dewatering Pump-Weirs/PS (New Equipment)	Canal Crew	-	65,159	-	-	-	-
- FY25 - N6 - Sure-Trac Dump Trailer-Spot Regrade (New Equipment)	Ditch Crew	-	13,680	-	-	-	-
- FY25 - N5 - Plate Compactor (Replacement/Upgrade - no asset#)	Pipe Crew	-	19,530	-	-	-	-
- ADDITIONAL ALLOCATION & CONTINGENCY		-	-	350,000	350,000	350,000	350,000
In Lieu of Tax Transfer	092001	148,751	156,914				
Total Expenditures		28,585,487	47,125,884	24,768,525	32,541,350	25,008,506	25,949,272
Reserves (change from prior fiscal year)			-	500,000	500,000	500,000	-
Available Funds End of Year		3,861,641	506,433	256,160	143,610	1,754,378	3,602,236

CRS PARTICIPATION

STATE PROFILE

Select a state: **Florida**

● Data updated October 2024

Communities

244

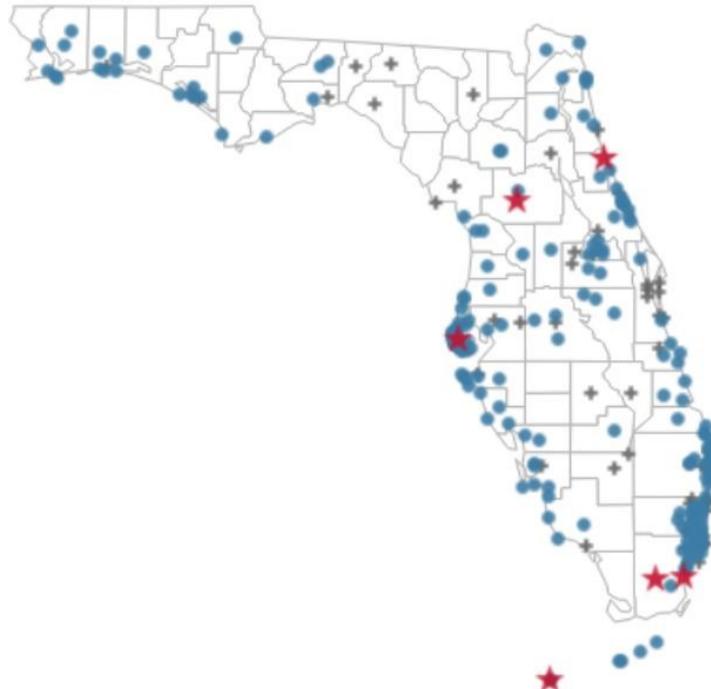
Policies in Force

1.2M

Premiums

\$806.4M**COMMUNITIES**[Show as table](#)

2	★	1
3	★	4
4	★	1
5	●	60
6	●	73
7	●	50
8	+	39
9	+	16



Frequently Asked Questions

Community Rating System Discount

FEMA and its National Flood Insurance Program (NFIP) offer the Community Rating System (CRS) program to further protect NFIP communities against flood damage and provide NFIP premium discounts to communities that choose to participate. Use this FAQ to find answers to common questions about the CRS program for policyholders.

CRS & Community Participation Overview

1. What is the CRS and why does it provide a discount?

The CRS is a voluntary incentive program for communities that participate in the NFIP. While all NFIP communities must enact minimum floodplain management requirements, the CRS recognizes communities whose floodplain management standards exceed NFIP minimums. By incentivizing proactive measures communities can enforce to mitigate flood damage with premium discounts for policyholders, the CRS helps the NFIP build a flood-resilient nation and lessens the personal and financial devastation flooding can bring.

2. What communities participate in the CRS?

All communities across the U.S. that participate in the NFIP are eligible to participate in the CRS. As of April 2024, there are more than 1,700 CRS participating communities, providing discounts to more than 3.3 million policyholders.

For a list of CRS participating communities, visit the [NFIP Community Status Book](#).

3. Where might the CRS discount not apply?

Usually, the CRS discount applies to all NFIP policies throughout a CRS community. However, some exceptions exist. The CRS discount is not applied when:

- The policy would exceed the maximum rate cap discount with the full CRS discount. Maximum premium rate caps are a policyholder benefit that establish a limit for your annual premium cost. Policies already discounted due to rate caps or other applicable discounts may receive a portion of a CRS discount, or none at all.
- The insured building is not in compliance with community floodplain management regulations or has known floodplain management violations. Violations disqualify a property from receiving discounts because they undermine the CRS' objective to reward risk reduction practices. Skip to question 10 for information about updating your policy once any violations are corrected.
- The policy is a Group Flood Insurance Policy (GFIP) or is a provisionally rated policy. These types of policies have specific rating structures and eligibility criteria that may not align with standard discount programs.
- The community is in the initial stages of joining the NFIP and listed as an NFIP Emergency Program community. Communities in this phase have limited access to certain benefits and discounts until they fully participate in the NFIP.



FEMA

4. How is a CRS class determined?

FEMA reviews each community's efforts to implement enhanced floodplain management regulations and assigns each a credit point value in accordance with guidance from the [Coordinator's Manual](#). The CRS credit points that the community earns are then used to establish the CRS class.

CRS classes range from 1 to 10. The premium discounts for eligible policies within each CRS class are listed in the following table. To learn more about what the CRS credits, review the FEMA CRS [Local Official's Guide](#).

Community Rating System Classes and Discount Table										
CRS Class	10	9	8	7	6	5	4	3	2	1
CRS Discount (Up to Premium Reduction)	0%	5%	10%	15%	20%	25%	30%	35%	40%	45%

Understanding Discounts & Premiums

5. How is the CRS discount calculated?

A property's CRS discount is calculated by FEMA's rating engine based the community's CRS class.

6. Can I receive multiple discounts on my premium?

Yes. NFIP policies may be eligible for other discounts, such as those for mitigation efforts. For both the CRS and other discounts, FEMA will apply the best discount available to your premium.

However, some discounts can't be combined in full as discussed in question 3. For example, if the statutory annual increase cap provides a greater discount to your premium than the CRS discount, the annual increase cap will be applied instead.

Speak to your flood insurance agent for questions specific to your policy.

7. Who receives the CRS discount in CRS communities?

The CRS discount is available to all NFIP policyholders in CRS communities—if none of the exceptions in question 3 apply.

Information for Policyholders

8. How do I receive a CRS discount?

FEMA's rating engine automatically applies the discount to premiums using the community's Community Identification Number (CID). NFIP policies at their full risk premium will receive the CRS discount immediately. No additional action is required on your part unless you feel something is incorrect.

The [CRS Discount Guide](#) helps explain how the CRS discount is reflected in annual premiums.

9. If my community is a CRS community, what can I do if my policy is not receiving the CRS discount?

Contact your insurance agent or insurer to find out why you might be ineligible. Review the answers to question 3 for possible reasons or explore pages 3.7 and 3.8 of the [NFIP Flood Insurance Manual](#).

10. My property is listed as being in violation of floodplain management standards. What should I do?

The only way to have your property removed from FEMA's floodplain management violation list is to speak with your community officials or community floodplain administrator. They can work with your community or state to confirm the status and provide the information you need to show compliance.

Upon review of the documentation and a determination that your structure is compliant with the floodplain management standards, your community floodplain administrator may contact the State NFIP Coordinator or FEMA regional office to remove your property.

Work with your flood insurance agent or provider for how and when updates to your property's CRS discount will take effect.

11. Why did my CRS discount change upon my policy's renewal?

Updates to your community's CRS class may affect your CRS discount at the time of your policy's writing or renewal. CRS classification updates occur in April and October of each year. If your CRS discount changes, compare your policy's effective date to your community's CRS effective date.

Refer to question 14 to find your community's CRS status.

12. How can I update or review my property's CRS designation and/or other discounts?

Contact your flood insurance agent or company for updates to your property's CRS discount and premium. They can determine if the correct CID and CRS class were applied and make any corrections.

13. How can my community request to participate in the CRS?

The decision to join the CRS is up to a community's elected officials. Contact your local elected officials and encourage them to consider joining.

A community can request to participate in the CRS at any time. To participate, your community will need to meet eligibility criteria and apply to FEMA. The application requires details about your community's floodplain management practices and flood mitigation activities. Once an eligibility determination is made, your community will work with the FEMA regional office contractor.

Revisit question 4 to understand how your community's efforts affect its CRS Class determination and policyholders' premiums.

14. How do I check the status of my community's CRS class?

A list of all current CRS communities and their CRS class can be found in the [NFIP Community Status Book](#). You may also contact your floodplain administrator or flood insurance agent/provider to confirm your community's status and ask about updates to your community's CRS class.

15. Can my community's CRS status change?

Yes, your community's classification may change depending on the level of continued floodplain management efforts. For example, your community can improve its CRS class by implementing more CRS-approved flood damage reduction activities. For more information, contact your floodplain administrator.

For more information on the CRS, visit [FEMA's Community Rating System webpage](#). For details on the NFIP premium rating methodology and the CRS discount for NFIP policyholders, visit [floodsmart.gov](#). You may also contact your insurance agent or the FEMA Mapping and Insurance eXchange (FMIX) Customer Care Center—chat live with a specialist from 9 a.m. to 5 p.m. ET Monday-Friday, email FEMA-FMIX@fema.dhs.gov or call (877) 336-2627.