#### APPENDIX A

# FLOODPLAIN MANAGEMENT PLAN (FMP) PROGRESS REPORT Updated of FMP Section 8 - Action Plan and Review of Current Activities (Updated April 15, 2025)

# 8.1 Major Water Control Structures (WCS) Improvements

Responsible Department for Action: Department of Public Works, Engineering Division,

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

The City's waterway system is designed to accommodate several needs: a source for potable water supply, water quality treatment, and stormwater conveyance and attenuation. The waterways form a grid pattern and are interconnected with each other and with the Myakkahatchee Creek. There are 64 water control structures (WCS) of which 28 are gated.

Age, function and structural integrity conditions vary between WCSs, and many are in dire need of rehabilitation or complete replacement. Delays in the rehabilitation/replacement schedule increase the possibility and risk for a potential massive failure of the deteriorated structures especially during a severe storm event. Water control structure failures could trigger other catastrophic mishaps such as downstream flooding and washout of roads and bridges.

All WCSs are inspected annually and prioritized for replacement. The priority is re-evaluated each year as rate of structure deterioration differs over time. A ranking system was developed based on condition of the key components of the structure and the location of the structure. In addition, the potential extent of flooding and population affected should a massive failure occur is also considered in the ranking system. The results of the 2024 inspection of WCS are given in Exhibit 8-1 and lists the WCSs that received major rehabilitation. The proposed 5-year Capital Improvement Projects (CIP) budget for WCS replacement is in Exhibit 8-2. Depending on available funding, the annual plan each year is to design the replacement of one or more structures, while constructing the structures that were designed the previous year. Attachment B also give the 10-year Stormwater Management plan for rehabilitation and maintenance.

#### 8.1.1 Construction of WCS No. 113 Replacement

WCS No. 113 is located on the Snover waterway just east of Myakkahatchee Creek in the City of North Port. The existing structure is equipped with four (4) gates which are operated in the closed position to allow storage of water, similar to a reservoir. In anticipation of pending rain events and as water levels rise, the gates are opened as needed to reduce the risk of flooding and discharge water from the Snover Waterway into the Myakkahatchee Creek which is the City's primary water supply. Thus, the proper functioning of WCS No. 113 gates and structure are critical to the City's ability to control water levels, minimize adverse impacts from storm events and supplement the City's potable water supply. The existing WCS No. 113 structure was constructed in the 1950's. Over time, extensive corrosion has developed in the sheet metal weir piling, concrete supports, gates, and catwalk. It has been determined that WCS No. 113 needs to be replaced in its entirety.

In September 2024 the existing WCS No. 113 was completely replaced with a new WCS No. 113. The new structure includes a coated sheet metal piling weir with reinforced concrete curtain, permanent channel and canal bank erosion control, and catwalk with lighting. The existing structure has four (4) manually operated gates. The new structure has a total of six (6) new stainless steel, electrically actuated gates, in order to provide operational redundancy. The two (2) center gates are push-down type and the other four (4) gates are pull-up type to allow for more precise water level control.

#### Summary of Accomplishments

Construction of the new replacement weir structure was completed in September 2024 within budget and schedule.

# **Budget and Schedule for Completion**

Activity	Costs	Time of Completion
Consultant for design, permitting	\$ 237,992.65	9/19/24
and construction engineering services		
Project Construction Completion	\$396,8357.11	9/19/24
Total	\$4,206,349.76	

# 8.1.2 Design of WCS No. 114 Replacement

WCS No. 114 is located on the Snover Waterway, west of Salford Boulevard in the City of North Port. The existing WCS No. 114 is equipped with four gates which are operated in the closed position in order to allow storage of water similar to a reservoir. In anticipation of pending rainstorm events and as the water level rises, the gates are opened as needed to reduce flooding and discharge water through downstream water control structures and ultimately into the Myakkahatchee Creek. The water in the Snover Waterway serves as a raw water supply for the City's Water Treatment Plant. As such, the proper functioning of these gates and structure are critical to the City's ability to control water levels to minimize adverse impacts from a storm event and supplement the City's potable water supply. WCS No. 114 was constructed in the late 1950's. Over time, corrosion has developed in the sheet metal weir piling, concrete supports, gates and catwalk. WCS No. 114 currently has four gates which are all manually operated, cast iron, pull-up type gates. WCS No. 114 is proposed to be replaced with a new structure with four manually operated, stainless steel, pull-up type gates.

# **Summary of Accomplishments**

A Consultant was selected for design, permitting and construction engineering services for the WCS No. 114 replacement Structure in fiscal year (FY) 2023-2024. The new WCS No. 114 design plans and technical specifications has been completed. The replacement structure qualifies for an Environmental Resource Permit (ERP) Exemption from the Southwest Florida Water Management District (SWFWMD) and a Permit was obtained from the US Army Corps of Engineers.

#### Budget and Schedule for Completion

Activity	Costs	Time of Completion
Consultant for design, permitting and	\$146,108.27	10/23/24
construction engineering services		

# 8.1.3 Construction of WCS No. 114 Replacement

The City will be applying for grants to fund the construction of the new WCS No. 114 in a future year.

# **8.2 Minor Water Control Structure Repairs**

<u>Responsible Department for Action</u>: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

During the annual inspection of all WCSs, a list of needed minor repairs (Exhibit 8-1) is compiled to extend the life of the structure until it is completely replaced. Repairs consist of welding new sections or

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replacement of corroded horizontal and vertical I-beams, tie rods, repair or replacements of gates, gate tracks, catwalk, gear boxes and patching of corroded sections of weir sheet piling. Bank erosion near the structures is also inspected and repaired as needed.

# **Summary of Accomplishments**

All current and historic repairs for each structure are included in Exhibit 8-1. To be more cost efficient, a full time City Welder-Fabricator was hired to join the Public Works team. The welder has performed many minor metal related repairs as described in Exhibit 8-1.

# 8.3 Retention (R) - Ditches and Major Canal Dredging

<u>Responsible Department for Action</u>: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

The City has an aggressive program of clearing R-ditches and canals of vegetation and silt deposits. Several segments of R-ditches and canals require annual maintenance dredging due to their location, surrounding development and need to restore flow conveyance capacity.

#### Summary of Accomplishments

Exhibit 8-3 provides a monthly reporting of length of R-ditches and canals which have been rehabilitated. The silt and vegetation removal effort will continue each year.

#### 8.4 Grid System for Stormwater Conveyance System, Rehabilitation

<u>Responsible Department for Action</u>: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

Silt debris and vegetation accumulation in roadside swales affect drainage flow. Most of the drainage pipes installed by General Development Corporation (GDC) in the 1970's were corrugated metal pipes which have corroded and deteriorated over time. Over the past several years, Public Works staff has vastly increased the maintenance activities on the roadside drainage system to include swale regrading, pipe replacement and roadside mowing.

A work management system (WMS) has also been implemented to efficiently track drainage issues reported by residents. The public can contact Public Works customer service at (941)240-8050 to report any drainage issues. The information received is then entered in the WMS and the issue is addressed.

With many different components making up the stormwater drainage system, it is difficult to effectively maintain the system by continually operating in a reactionary mode. A proactive approach that better utilizes resources is to rehabilitate an entire neighborhood system of swales, road crossing pipes, outfalls and retention ditches. Neighborhoods are divided into grids as shown in Exhibit 8-4. The prioritization of grids for rehabilitation is based on the following criteria: known flooding, impact on other infrastructure (roads, waterways, etc.), present condition of system, residential density and impact to community facilities (schools, parks, etc.).

# **Summary of Accomplishments**

The majority of Grid 405 rehabilitation was completed in FY 2022-23. Within the last 12 months the majority of Grids 305 and 206 rehabilitation has been completed. In addition, the Bethlehem Waterway, and R-226

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have been restored. Large sandbars within Lagoon Waterway and the Creighton Waterway have been removed.

# 8.5 Drainage Pipe Replacement

<u>Responsible Department for Action</u>: Department of Public Works, Engineering, and Infrastructure and Facilities Operations and Maintenance Divisions

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Surtax

The quality of the City's roads was one of the largest issues facing North Port. Originally paved in the 1960's, many of North Port's neighborhood streets had fallen into severe disrepair. On November 6, 2012, nearly 60 percent of the voters approved a referendum authorizing the City to obtain a \$46 million bond to upgrade 266 miles of substandard roads in the City. The City began this road rehabilitation program in 2014 and completed the project in 2019. As with all roadwork done in the City, road related drainage improvements are included in the rehabilitation of the roadway. Corrugated metal pipe (CMP) was typically used by General Development Corporation in the 1960's for drainage pipes. Over time, many of these CMPs have corroded and the City's road rehabilitation program includes replacing failing drainage pipe with reinforced concrete pipe (RCP). RCP culvert pipes crossings are also installed to replace the "Texas swales" to allow stormwater to cross under the road instead of just sheet flowing over the asphalt and causing deterioration.

#### Summary of Accomplishments

Exhibit 8-3 includes the monthly reporting of pipes installed. This effort will continue each year.

#### 8.6 Blockage Removal in Stormwater Conveyance

Responsible Department for Action: Public Works Department, Engineering, and Infrastructure and Facilities

Operations and Maintenance Division

<u>Schedule for Completion of Action</u>: Ongoing Funding Source: Road and Drainage District

## 8.6.1 Aquatic Vegetation Management

It is vital to control excessive growth of nuisance vegetation which impedes flow in the extensive system of R-ditches and canals in the City. A team of licensed and well-trained City staff perform aquatic vegetation control. Spraying herbicides for aquatic vegetation control is conducted only under calm weather conditions. Windy conditions are avoided to prevent over-spraying. Staff closely monitors the effects of spraying. Typically, the lower end of the manufacturer's recommended dose is used. The herbicide is reapplied only if needed. Record keeping of the date and time of spraying, licensed applicator, size of treatment area, type and amount of herbicide used, and application method is carefully documented.

# **Summary of Accomplishments**

Operations has developed a systematic method of controlling the nuisance vegetation by applying herbicides to the young developing plants before maturity. This minimizes the number of mature plants reproducing at a rapid rate. A planned stretch of waterway is sprayed rather than scattered reactive treatment of vegetative blooms. This systematic method has reduced the number of herbicides used. Exhibit 8-3 includes the monthly reporting of the aquatic vegetation control performed. This maintenance effort will continue each year. Additionally, in 2019, an amphibious machine was acquired to remove vegetation and minimize the use of herbicide.

# 8.6.2 Myakkahatchee Creek Blockage Removal

Historic extensive flooding is experienced in the areas adjacent to the Myakkahatchee Creek (creek) near I-75. Debris in the creek can cause the following adverse effects:

• Debris blockages can restrict flow and contribute to upstream flooding.

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 Debris can be washed down into the City's Water Control Structure No. 101 and can damage the gates and structure. Opening of the gates are critical to flood control and closing of the gates is vital for storage of potable water supply.

The City had obtained a written approval of Permit Exemption #648689 from Southwest Florida Water Management District (SWFWMD) to remove blockages in the creek with the following conditions:

- All work within the creek shall be performed by manual labor utilizing chainsaws and other hand-held tools.
- Invasive Brazilian Pepper trees within or directly adjacent to the creek shall be cut no less than 12 inches above natural grade. Stumps shall remain in place to minimize erosion.
- All cutting and debris shall be removed from the creek with the assistance of machinery which must be located on uplands adjacent to the creek.
- The City of North Port shall implement effective erosion, sediment and turbidity control measures within the proposed work zones where applicable.

On November 28, 2022, Hurricane Ian deposited a significant amount of debris and fallen trees within the Myakkahatchee Creek. This created blockages that cause water to stage up in the creek resulting several days of flooding on adjacent roads and properties even after the storm has passed.

#### <u>Summary of Accomplishments</u>

In 2023-2024, the City retained Consor Engineering LLC (Consor) to complete the field survey of the debris blockages in Myakkahatchee Creek from Price Boulevard north to the City's boundary and identified nearly 200 blockages. A Cultural Resources Assessment Survey (CRAS) and Environment wetland and wildlife survey was also done. Approved permits were secured from SWFWMD and US Army Corps of Engineers (USACE) to construct an access to the creek and remove the blockages. Competitive construction bids were received in late 2024 and the lowest responsive bid was \$3,446,927.37 with contractor Rick Richards Inc. (RRI). City obtained grant funding from the United States Department of Agriculture (USDA) National Resources Conservation Service (NRCS) which provides public assistance funds for disaster response related debris removal and disposal operations with a 25% match from the City. NRCS will reimburse 75% of the construction cost (not to exceed \$2,585,195.53). The technical assistance (TA) reimbursement is a Not to Exceed value of \$172,920.48. RRI began the clearing of creek in January 2025 and completed the work in March 2025. City is currently seeking reimbursement.

#### 8.7 FEMA Flood Map Updates

<u>Responsible Department for Action</u>: Department of Public Works, Engineering Division, Development Services

Schedule for Completion of Action: March 27, 2024

Funding Source: Road and Drainage District

# 8.7.1 Effective FEMA Flood Insurance Rate Maps Dated March 27, 2024 & November 4, 2016

Several map panels of the City's FEMA flood insurance rate maps (FIRMs) with an effective date of November 4, 2016, were updated in March 27, 2024. The March 27, 2024, effective FEMA FIRMs are in areas near the Myakkahatchee Creek and Myakka River that are influenced by storm surge, high tides and wave action in addition to freshwater inputs. These FIRMs show major changes in the special flood hazard area (SFHA), flood zone AE boundaries and base flood elevations (BFEs).

The major areas with changes include the following:

- Areas West of Myakka River
- Portions of Gran Paradiso, The Preserve, Renaissance, Oasis, Lake Geraldine
- Portions of Wellen Park (aka West Villages)
- Myakka State Forest
- Areas East of Myakka River

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- Portions of Talon Bay
- Duck Key
- Residential and commercial areas north and south of US41 near Myakkahatchee Creek and interconnected waterways with tidal influences.

#### Summary of Accomplishments

Extensive Public Outreach was conducted to solicit input from the residents <u>prior</u> to FEMA map adoption. The March 27, 2024, effective FEMA FIRMs were prepared by FEMA using outdated 2007 topographic elevation information. During FEMA's public comment period, the City had submitted written concerns to FEMA on the use of outdated 2007 topographic elevation for the preparation of 2024 FIRMs, but to no avail.

The use of outdated 2007 topographic elevations created an immense need for later developments that constructed to higher elevations, to apply to FEMA for map changes to remove their property/structures after the implementation of the new map panels.

City staff has tracked all approved LOMC which are available as a layer on the city's interactive GIS based Flood map. Tracking sheet for recertification period attached Exhibit 8.7.

#### 8.8 Big Slough Hydraulic Model Update

Responsible Department for Action: Department of Public Works, Engineering Division

Schedule for Completion of Action: Ongoing

Funding Source: Southwest Florida Water Management District (SWFWMD) funded

In 2024, SWFWMD retained Consultant WSP to convert the hydraulic model software, that was used to create the 2016 FEMA FIRMs, from CHAN to ICPR4. CHAN operates on Windows Version 7.0 and is not supported on Windows Version 10 and later. ICPR4 operates on Windows Version 10 and later and is the preferred software by most consultants to design stormwater systems. The model conversion is an ongoing effect expected to be completed in 2025.

## **Summary of Accomplishments**

The WSP Consultant initial model conversion effort lacks the level of accuracy set by SWFWMD. Continued model conversion effort is expected to be completed in 2025. Meanwhile SWFWMD is retaining another consultant Jones Edmunds, to review and update the input to the model with latest developments and latest available 2018 LiDAR topographical data. The original CHAN model used 2004 LiDAR data which is not outdated. As of April 2025 Jones Edmunds is in the process of preparing a detailed scope of work. The City Stormwater Manager is assisting Jones Edmunds by providing need infrastructure data and highwater mark data from Hurricane Ian that will be useful for model calibration. A more accurate hydraulic model will assist the City and development in stormwater system design and floodplain management.

# 8.9 Review and Implementation of Stormwater Regulations

Responsible Department for Action: Department of Public Works, Engineering Division, in cooperation with Planning Division of the Neighborhood Development Services (NDS) Department

Schedule for Completion of Action: Ongoing Funding Source: Road and Drainage District

All major site developments in North Port, whether on private or City property, must go through a preapplication meeting in the City's Development Review Committee (DRC) process. Key City staff members from all relevant departments provide site specific input, so the development meets the City's Unified Land Development Code (ULDC) requirements in the formal submittal. During the mandatory DRC preapplication process, the City Stormwater Manager reiterates the stormwater treatment, attenuation, and

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floodplain mitigation requirements in the City's ULDC. The ULDC Stormwater Regulations require stormwater management design to meet a 25-year 1-day storm event. The City of North Port has experienced several 100-years storms and a recent 500-year storm (Hurricane Ian). Developers are encouraged (not currently required) to design their stormwater system for the attenuation and pipe sizing for both 25-year 1-day storm event and 100-year 1-day storm event. For emergency response and other critical facilities, it is recommended a 500-year 1-day storm event should be considered for designing the stormwater system and finished floor elevation.

A stormwater checklist is available on the City website to assist the developer's consultant with a complete submittal that meets all stormwater treatment, attenuation, and floodplain analysis and compensation requirements. Specific attention is paid in the review to check that new developments do not adversely affect or cause flooding onto adjacent properties. The Stormwater Manager also coordinates all stormwater construction issues and inspect the project site to confirm compliance with City stormwater regulations.

# **ULDC Chapter 17 Flood Damage Prevention Regulations**

<u>Responsible Department for Action</u>: Department of Public Works, Stormwater Manager, NDS Building Official, Floodplain Administrator.

Schedule for Completion of Action: Complete

The City's ULDC Article V Section 6.5 provides flood damage prevention regulations. The Florida Building Code (FBC), effective on December 31, 2023, incorporates the flood provisions from the model International Code Series. Therefore, changes to floodplain management regulations were implemented to properly coordinate with the FBC and meet requirements of the National Flood Insurance Program (NFIP).

The City revised ULDC Article V Section 6.5 flood damage prevention regulations using the State Model Floodplain Management Ordinance and obtained approval from the Florida Division of Emergency Management Contractor. The revised ULDC Article V Section 6.5 flood damage prevention regulations were adopted by the City of North Port Commission on August 6,2024.

## **Summary of Accomplishments**

In the development review process, the City continues to implement the ULDC Article V Section 6.5 Flood Damage Prevention Regulations.

# <u>ULDC Section A.1.3 Stormwater Regulations and Article VIII Wetlands Protection Regulations and Myakka River Protection Zone Regulations Article VI.</u>

Responsible Department for Action: Department of Public Works, Stormwater Manager and NDS

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

On August 6, 2024, the City of North Port adopted a complete revision of the ULDC which included consolidating all stormwater regulations into one new <u>Section A.1.3</u>. <u>Article VIII</u> Wetlands Protection Regulations were also revised to meet State regulations, and Myakka River Protection Zone Regulations were added. In 2023, all City departments reviewed the ULDC code that was adopted on August 6, 2024, and proposed needed revisions.

#### **Summary of Accomplishments**

In 2023, a draft list of proposed stormwater and environmental regulations changes to the ULDC were submitted. The changes included clarifications of regulations, need to evaluate and use of Low Impact Development methods, improvement to design of stormwater treatment and attenuation, conveyance system to improve water quality, reduce flooding, reduce erosion and added protections for the environmental and protected wildlife species.

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# 8.10 Incorporation of Low Impact Development (LID) Design in Developments

<u>Responsible Department for Action</u>: Department of Public Works, Engineering Division, Development Services Natural Resources Department.

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

In the SDR review process, developers are encouraged to implement LID design to the maximum extent practicable such as minimization of impervious areas, use of pervious pavement, green roofs, rain cisterns, reuse of stormwater for irrigation, direct runoff to bioretention/biotreatment vegetated swale areas prior to discharge stormwater pond, Florida friendly native landscaping, and other surface water quality improvement controls and devices.

# **Summary of Accomplishments**

Exhibit 8-10 provides a detailed list of LIDs implemented to date to reduce stormwater impact from new development for both City projects and Developer projects.

# 8.11 Grant Funding of Projects

<u>Responsible Department for Action</u>: Department of Public Works, Engineering Division and City Manager's Office, Development Services.

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

The City's Public Works Department and Development Services shall continue to apply for grant funding from agencies such as SWFWMD, FDEM, Federal Emergency Management Agency, Environmental Protection Agency, Florida Department of Environmental Protection Agency, and CBIRS to offset the cost of the flood reduction projects to the City and its residents.

#### **Summary of Accomplishments**

The City Has applied for a Watershed Master Plan Grant from FDEM funded thru HMGP. The Watershed Master Plan is a matching grant with funding up to \$300,00 with a community match of \$75,000. The purpose of this grant is to update the current plan with an updated tool to reduce potential flooding on watershed-wide basis. Exhibit 8-11 Grant Assessment Form.

#### 8.12 Property Acquisition in the SFHA and Open Space Areas

<u>Responsible Department for Action</u>: City Manager's Office, Development Services and Parks and Recreation Department

Schedule for Completion of Action: Ongoing

Funding Source: General Fund

Over the last nineteen years, the City has applied for and received grant funding and with supplemental City funding, has acquired a significant portion of the lands immediately adjacent to the Myakkahatchee Creek from Price Boulevard north to the City limits. The Tier I lots are the strip of lots immediately adjacent to both sides of the creek and the Tier II are the next nearest strip of lots. Most of these properties are in the 100-year floodplain. The City is also currently working on implementing a Land Acquisition Plan thru Development Services to acquire parcels of lands that are located in the SFHA and include mapped wetlands. Along with ongoing internal efforts buyout programs are now available for properties thru two newer programs Resilient SRQ (Sarasota County) and Elevate Florida Program (FDEM).

#### Summary of Accomplishments

Exhibit 8-12 provides a map of the Tier I and Tier II properties acquired, and Elevate Florida, Resilient SRQ Information Flyers

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#### 8.13 Public Outreach Efforts

Responsible Department for Action: Department of Public Works, Engineering Division and Development

Services Department

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

# Summary of Accomplishments

City staff has attended events ranging from Hurricane Expos and Earth Day Celebrations to summer Camps. Flood and water quality Brochures were distributed along with general flood and stormwater Q&A. (Exhibit 8-13)

Following are other forms of public outreach implemented by the City of North Port regarding Flood Safety, Flood Insurance, and Water Quality:

- City Newsletters and New releases
- City Web pages
- Mailers
- Facebook and Twitter posts
- Videos on YouTube, Facebook and Instagram

#### 8.14 Presentations at Seminars and Workshops

Responsible Department for Action: Department of Public Works, Engineering Division and Development

Services Department

<u>Schedule for Completion of Action</u>: Ongoing Funding Source: Road and Drainage District

Department of Public Works staff spoke at many seminars and workshops on topics that included flood map updates and flood prevention, stormwater issues, environmental protection, green development, fertilizer use, and pollution prevention. Annually, the Fire Rescue Emergency Manager also conducts multiple public outreach activities on Hurricane preparedness with Homeowners' Associations and civic groups. A list of these activities is included in Exhibit 8-13, Items highlighted in yellow are directly related to flood protection.

#### 8.15 Brochure Handouts at Community Events

Responsible Department for Action: Department of Public Works, Engineering, Development Services

Department and Administration Divisions
Schedule for Completion of Action: Ongoing
Funding Source: Road and Drainage District

City staff volunteers at many community events and host booths with displays of the City's stormwater system, flood maps and offers an array of free brochures and education material. The City's 10 CRS Topics flyer on Flood Information produced in-house by the City staff is distributed at these public events and at the afore mentioned seminars and workshops. This brochure is also available in kiosks at the three floors on City Hall and at the Department of Public Works building. Examples of community events are included in Exhibit 8-13.

# 8.16 Newsletters/New Releases, Television and Social Media Public Outreach

Responsible Department for Action: Department of Public Works, Engineering, Development Services Department and Administration Divisions

Schedule for Completion of Action: Ongoing

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Funding Source: Road and Drainage District

Flood Information is disseminated through various forms of news media and social media. Exhibit 8-16 provides a listing and range of distribution. Items directly related to flood protection and includes:

- North RePort Newsletter mailed to every home in North Port
- Facebook and Twitter message releases
- North Port Sun and Herald Tribune Newspapers articles
- City Website News Releases
- Flood Awareness Week Social Media Postings
- Utility bill message
- YouTube Videos

# 8.17 City Website

<u>Responsible Department for Action</u>: Department of Public Works, Engineering, Development Services Department and Administration Divisions

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

The City of North Port posts the most current information concerning stormwater and flooding potential on the City's website. The City has added a Flood Information page that provides information on FEMA flood map Updates, flood warning, CRS program and available flood elevation certificates at  $\underline{Flood\ Information}$  -  $\underline{North\ Port,\ FL}$ .

The City provides a link to a searchable user-friendly web application to view flood zones and obtain base flood elevations on the new FEMA FIRMs through the City's FEMA Flood Map Updates webpage at FEMA Flood Map Updates - North Port, FL

Elevation Certificates are also available on the City webpage at:

Elevation Certificates - North Port, FL

The City's Emergency Management webpage "Hazards We Face" provides useful information on storm preparation and dealing with hazards:

Hazards We Face - North Port, FL

Links are provided to related websites such as National Flood Insurance Program, Floodsmart, Florida Disaster, Sarasota County Library Catalog on Flood information, Sarasota CRS webpage and FEMA site on FIRM maps.

# 8.18 FIRMs Available to The Public

<u>Responsible Department for Action</u>: Department of Public Works, Engineering Division and Development Services Department

<u>Schedule for Completion of Action</u>: Ongoing <u>Funding Source</u>: Road and Drainage District

The November 4, 2016, and updated March 27, 2024, FEMA FIRMs panels are available on the FEMA website, but these map panels are pdf files and do not include property lines, and the underlying aerial is from early 2007. Homes built after the aerial date are not visible. The pdfs of all affective FIRMS panels are available on the FEMA website at: FEMA Flood Map Service Center | Search All Products

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The City has subsequently released a user-friendly web map application that allows searching the new FIRMS by Address, Parcel Identification Number, or Name. The map is also overlaid on the 2024 aerial to allow easy location of houses. Flood zones, property lines and base flood elevations are easily visible on this web application which can be accessed from the City's FEMA Flood Map Updates webpage at:

**Current Effective Flood Info** 

Anyone who desires a written determination of the existing and proposed flood zones, can submit a Flood Information Request form to the City's Floodplain Administrator . The request form can be downloaded from the City's website at:

Is My Property in a Flood Zone? - North Port, FL

Annually, the City mails letters offering flood protection and mapping information services to Insurance Companies, Realtors, Financial Institutions, and Abstract and Title companies that are registered with the City of North Port. The letter is also mailed to the President of North Port Realtors Board and to President of the North Port Chamber of Commerce.

# 8.19 Flood Warning, Response and Evacuation

<u>Responsible Department for Action</u>: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division and Fire Rescue Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Fire and Rescue District

The City has funded two United States Geological Survey (USGS) gages, in the Myakkahatchee Creek, one at Tropicaire Boulevard and the other at WCS 101 located further south near the City's Water Treatment Plant. These USGS gages monitor the water level in the Creek, precipitation and provide real time data. The City has correlated the levels in the Creek at the Tropicaire gage with known areas of flooding. This information, together with a link to the USGS gage, is available on the City website at:

Flood Warning - North Port, FL

The Emergency Manager and Public Works Operations staff monitors weather conditions and the Myakkahatchee Creek USGS gages during rain events. Public Works Operations staff will raise/lower gates at WCS to move, retain, or redirect water flow to avoid flooding. Once water levels have reached an action stage, warnings are provided to the public through door-to-door contact, advisories through the City web site, advisories through local and cable broadcast media, and/or National Oceanic and Atmospheric Administration weather alert radios. If the situation is severe, the City has the ability to release a geographically targeted telephonic and text message to affected individuals through the new Mass Notification software system provided through the Florida Department of Emergency Management. The alert is known as "Alert Sarasota County" and will utilize geo-fencing technology to distribute flooding, flash flooding, and evacuation notices to residents.

The City of North Port has worked with the Peace River/Manasota Regional Water Supply Authority (PRMRWSA) in the development of the Emergency Action Plan (EAP) for the new Peace River Reservoir #2. Computer modeling has shown that failure of the reservoir embankment can affect the City of North Port, particularly in the eastern areas of the City. The City did not have a table top exercise this year because of Hurricane Debby, a After Action Report was compiled and is attached as Exhibit 8-19.

The City was recognized on July 28, 2014, by the National Weather Service as the third municipality in the State of Florida to achieve the designation of Storm Ready. This designation is reserved for locations which go above and beyond to protect their citizens from the impacts of hazardous weather. This program helps citizens feel safer knowing that our Emergency Management and the National Weather Service are working

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together through enhanced planning, education, and awareness programs. The Storm Ready designation that was renewed on March 12, 2025, is valid until March 7, 2029 (Exhibit 8-19.1).

In 2019 the City of North Port has become a Weather-Ready Nation (WRN) Ambassador. The WRN Ambassador initiative is the National Oceanic and Atmospheric Administration's (NOAA) effort to formally recognize NOAA partners who are improving the nation's readiness, responsiveness, and overall resilience against extreme weather, water, and climate events. As a WRN Ambassador, partners commit to working with NOAA and other Ambassadors to strengthen national resilience against extreme weather. In effect, the WRN Ambassador initiative helps unify the efforts across government, non-profits, academia, and private industry toward making the nation more ready, responsive, and resilient against extreme environmental hazards. The hyperlink to the WRN Ambassador initiative site can be assessed from the North Port Fire Rescue web page <a href="Fire Rescue">Fire Rescue</a> - North Port, FL This program is accessible to the public and helps to warn and educate residents on developing flood conditions and hazards.

The City of North Port Emergency Management Division of the Fire Rescue Department had installed four-inch reflective vinyl collars (traffic-grade reflective yellow tape with zone labels) on street-sign posts to mark hurricane evacuation zones A and B. The zones represent a storm surge threat to a neighborhood. The "A" zone (including manufactured housing communities) is at most risk and will be advised to evacuate first, while zones marked by other letters (B through E) are less likely to see floodwaters from the Gulf of Mexico or the Myakka River.

# 8.20 Participant in Sarasota County PPI Program

<u>Responsible Department for Action</u>: Department of Public Works, Infrastructure and Facilities Operations and Maintenance Division, Development Services and Fire Rescue Department

Schedule for Completion of Action: Ongoing

Funding Source: Road and Drainage District and Fire and Rescue District

The City adopted Resolution 2019-R-06 on July 23, 2019, to join the Sarasota County Program for Public Information (PPI) Committee formed under the Sarasota County's CRS program. The PPI is a FEMA planning tool to effectively coordinate public outreach. The PPI Committee is comprised of a cross-section of employees and community stakeholder members from Sarasota County Government, the City of Sarasota, the City of Venice, the City of North Port, the Town of Longboat Key, the Sarasota Bay Estuary Program, Mote Marine, and local business representatives such as Realtors, Insurance Agents, and Mortgage Lenders The PPI is also open for participation by all interested parties including private citizens, and is chaired by the Sarasota County Stormwater Department Director or designee. Current PPI report Exhibit 8.20

The City's Floodplain Administrator is the City's coordinator on the PPI committee and the North Port stakeholders on the committee include the City Deputy Emergency Manager, Insurance agents, surveyor, Engineer Consultant, and City HOA Representative.

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#### Water Control Structures Inspection

Metal, Gates, Pipes and Risers: 1 = No Corrosion, 2 = Surface Rust, 3 = Some Rot, 4 = Major Corrosion

Overall: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bad

Bank Condition: 1 = Good, 2 = Fair, 3 = Poor, 4 = Bad

Structure Location: Replaced or Rehabilitated = 0, Structure located in undeveloped areas (1), east of Toledo Blade (2), west of Toledo Blade (3), developed areas Snover & Cocoplum (4)

Structure Locati	I	i Kenabilitatet	1 = 0, 3t		in unc	revelop	jeu ai			Tedo B	nade (2			ао віаає	e (3), de			Snover & Cocoplum (4)	I
Structure #	Waterway	Date	Sheet Pilings	Metal I - Beams	Cat walk	# of Gates	Gate	Gates Hard ware		Pipes	Risers	Columns		Bank Conditi on	Overall	ure Locati on	Replace ment Priority Score		Work Completed as of March 2024
WCS 113	Snover	Mar-24	3	2	2	4	2	2				4		2.5	3	4	12	New structrue being built	
WCS 114	Snover	Mar-24	2	2	2	4	2	2	Yes			4		2	3	4	10.5	No change. Same as 2023.	
CRE 5.09 (Charlotte	3/3/2022	Mar-24	None							1		1	1	1	4	2	8	No change. Same as 2023.	
County) FW 157	Snover	Mar-24	4	4									4	4	4	2	8	No change. Same as 2023.	
FW 158	Snover	Mar-24	1	1									4	2	4	2	8		Washout repaired
WCS 130	Bass Point	Mar-24	3	2	1	2	4	4	1 halfway 2 No			2		1	4	2	8	No change. Same as 2023.	
WCS 121	MacCaughey	Mar-24	2	4	2	4	3	3	1&4 Yes 2&3 No			3	3	4	2.5	3	7.5	Two I-Beams missing on low side. Concrete slab continues to deteriorate.	
WCS 128	Creighton	Mar-24	2.5	1.5	1	2	4	2.5	Gate 1 No			2		2	2.5	3	7.5	Tracks need to be replaced, chips in concrete, hole in sheet pile by support bar. Ground always wet and washing out	Hole in gate fixed
FW 155	Snover	Mar-24	2	4									2	2	3	2	6	No change. Same as 2023.	
FW 159	Snover	Mar-24	1	2									2	2	3	2	6	No change. Same as 2023.	
FW 160	Snover	Mar-24	2	1									4	2	3	2	6	No change. Same as 2023.	
WCS 110	Cocoplum	Mar-24	3	3	1	6	2.5	2.5	Yes			1.5		2	3	2	6	No change. Same as 2023.	
WCS 117	Blueridge	Mar-24	2	3	2	2	2	2	Yes			2		1	2	3	6	Missing 2 nuts on Gate 1 track. I beam starting to rust. Gate 2 opens up and stops 1/2 way. Hole in I-Beam	
WCS 118	Blueridge	Mar-24	2	4	2	2	2	2	Yes			2		1	2	3	6	No change. Same as 2023.	
WCS 124	Lagoon	Mar-24	2.5	2	3	4	2	2.5	No - 1,3 Yes - 2,4			3		1	2	3	6	No change. Same as 2023.	
WCS 125	Lagoon	Mar-24	2	2	3	4	2	2	1&4 Yes 2&3 No			2		1	2	3	6	No change. Same as 2023.	
WCS 127	Creighton	Mar-24	2.5	1	2	2	2.5	2.5	Yes			2		2	2	3	6	Small wash out by catwalk. Concrete pillars chipped and cracked.	
WCS 138	New Castle	Mar-24	3	1.5	1	2	2	2	Yes			2.5		1.5	3	2	6	No change. Same as 2023.	Washout repaired
WCS 111	Cocoplum	Mar-24	2.5	2	1	4	2	2	No - 1 Yes - 2,3,4			1.5		4	2.5	2	5	Gate 2,3 &4 open but its hard to open.	Washout repaired
WCS 131	Bass Point	Mar-24	2.5	1	1	2	4	4	Gate 1 No			3		1	2.5	2	5	No change. Same as 2023.	
WCS 137	New Castle	Mar-24	2.5	1	1	2	1	1	Yes			2		2	2.5	2	5	No change. Same as 2023.	

#### Water Control Structures Inspection

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Structure #				Metal				Gates	i			Conc	rete	Bank		Struct			1
	Waterway	Date	Sheet Pilings	I - Beams	Cat walk	# of Gates	Gate	Hard ware	Operational (yes, no, list#)	Pipes	Risers	Columns	Сар	Conditi on	Overall	ure Locati on	ment Priority Score	March 2024 Observations	Work Completed as o March 2024
DS 119	Blueridge	Mar-24								1	1.5	1.5	1.5	1	1.5	3	4.5	Nothing new to report	
DS 126	Lagoon	Mar-24								3	1	1	1	2	1.5	3	4.5	No change. Same as 2023.	
FW 120	Blueridge	Mar-24	1.5	4										1.5	1.5	3	4.5	No change. Same as 2023.	
FW 122	MacCaughey	Mar-24	2										1	1.5	1.5	3	4.5	Nothing new to report	
FW 506	Crestwood	Mar-24	2							1			1	2	1.5	3	4.5		Branches removed
FW 507	Flamingo	Mar-24	2							2			1	1	1.5	3	4.5		Tree blockages removed
FW 154	Snover	Mar-24	2	4									2	2	2	2	4	No change. Same as 2023.	
FW 156	Snover	Mar-24	1	3									1	2	2	2	4	No change. Same as 2023.	
FW 161	Snover	Mar-24	1	1									3	1	2	2	4	No change. Same as 2023.	
GDS 116	Snover	Mar-24			2	1	4	4	No	4	4			4	4	1	4	No change. Same as 2023.	
GDS 141	Bethlehem	Mar-24			1.5	1	4	4	No	4	4			2	4	1	4	No change. Same as 2023.	
GDS 142	Littlefield	Mar-24			1	1	4	4	No	4	4			4	4	1	4	No change. Same as 2023.	
GDS 143	Newman	Mar-24			2	1	4	4	No	4	4			4	4	1	4	No change. Same as 2023.	
GDS 112 (drop pipe with gate destroyed, just horizontal pipe)	Cocoplum	Mar-24			none	none	none	none	No	none	none			4	4	1	4	Gated structure destroyed by storm in 9/13/201. Horizontal culvert pipes left in place. No plans to replace structure as it is not needed	
WCS 162	R - 36	Mar-24	2		1	1	1	1	Yes	2		1	2	2	1	3	3	No change. Same as 2023.	
FW 123	MacCaughey	Mar-24	1.5										1	1	1	3	3	Nothing new to report	
FW 129	Creighton	Mar-24	1							3.5		1	1	1	1	3	3	Nothing new to report	
FW 136	Blue Waters	Mar-24	2							3		1	1	1	1.5	2	3	No change. Same as 2023.	
WCS 140	Bethlehem	Mar-24	3.5	1	1	2	1	1	Yes			1.5		1	3	1	3	No change. Same as 2023.	Washout repaired
FW 153	Snover	Mar-24	1	2									1	1	1	2	2	No change. Same as 2023.	
FW 151	Snover	Mar-24	1	1									1	1	1	2	2	No change. Same as 2023.	
FW 152	Snover	Mar-24	1	1									1	1	1	2	2	No change. Same as 2023.	
GDS 512	Pellam	Mar-24			1	2	1	1	Yes			1		2	1	2	2	Vegetaion still needs to be cleared	Handrail was repaired 3/8/24
DS 510	Courtland	Mar-24								1		1	1	1	1	2	2	Good	
FW 180	Lion Heart	Mar-24	2							1.5		1	1	2	1.5	1	1.5	No change. Same as 2023.	
FW 181	Sunset	Mar-24	2							1		1	1	1.5	1.5	1	1.5		Washout repaired
FW 183 FW 182	Morning Star  Dorchester	Mar-24 Mar-24	1.5 1.5							2.5		1 1	1	1.5	1.5	1	1.5	No change. Same as 2023.  No change. Same as 2023.	
FW 185	Elkcam	Mar-24	1							1			1	1	1	1	1	All good	
FW 186 DS 508	Fordham Auburn	Mar-24 Mar-24	1							1		1	1	1	1	2	0	All good  Nothing new to report	Grate add 3/9/24
WCS 101	Myakkahatchee	Mar-24	1	1	1	6	1	1	Yes - Gate 2 Leaks			1	1	1	1	0	0	No change. Same as 2023.	
WCS 106	Cocoplum	Mar-24	1	1	1	8	1	1	Yes			1	1	1	1	0	0	No change. Same as 2023.	
WCS 107	Cocoplum	Mar-24	1	1	1	6	1	1	Yes			1	1	1	1	0	0	All good	Catwalk was repaired 3/15/24
WCS 108	Cocoplum	Mar-24	1	1	1	6	1	1	Yes			1	1	1	1	0	0	Fence was partially repaired will need a contractor to finish the rest	
WCS 109	Cocoplum	Mar-24	1	1	1	6	1	1	Yes			1	1	1	1	O	0	All good	
WCS 115	Snover	Mar-24	1	1	1	4	1	1	Yes			1	1	1	1	0	0	No change. Same as 2023.	
	Apollo	Mar-24								2		1	1	1	1	0	0	No change. Same as 2023.	

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Structure Location	on replaced of	Renabilitated	1 – 0, 3ti		iii aiic	ICVCION	ocu ui			I	Tauc (2	-		I I	<u> </u>	<del></del>		i	
				Metal				Gates				Conc	rete	Bank			Replace		l
Structure #	Waterway	Date	Sheet Pilings	I - Beams	Cat walk	# of Gates	Gate	Hard ware	Operational (yes, no, list#)	Pipes	Risers	Columns	Сар	Conditi on	Overall	ure Locati on	ment Priority Score	March 2024 Observations	Work Completed as of March 2024
DS 504	Jupiter	Mar-24								2		1	1	1	1	0	0	Fix by Charlotte County	
FW 132	Bass Point	Mar-24	1							1		1	1	1	1	0	0	No change. Same as 2023.	
FW 133	Bass Point	Mar-24	2							1		1	1	1	1	0	0	No change. Same as 2023.	
FW 135	Twin Lakes	Mar-24	1							1			1	3	1	0	0		Washout repaired
FW 139	New Castle	Mar-24	1							1			1	1	1	0	0		Washout repaired. Pipe separation not affecting flow.
DS 501	Cheshire	Mar-24								1					1	0	0	Nothing new to report	
Total Excluding CF	RE 5.09	64																	13

Sort by R, Q, P

# EW Summary of WCS Replacement Program Cost Estimates Updated on 2024-10-29

	FY 2022	FY 2024	FY 2025	FY 2025	FY 2025	FY 2028	FY 2029	FY 2030
Design	WCS 113	WCS 114	FW 157 and 158	WCS 130	WCS 121	WCS 128	FW 155	FW 159
Eng Design and Const Eng Service Cost	\$262,993 *	\$169,148	\$390,781 **	\$320,189 **	\$346,891 **	\$316,951 **	\$219,914 **	\$226,511 **
Rounded Design Cost	\$263,000	\$170,000	\$391,000	\$321,000	\$347,000	\$317,000	\$220,000	\$227,000
		FY 2024	FY 2025	FY 2026	FY 2027	FY 2027	FY 2029	FY 2030
Construction		WCS 113	WCS 114	FW 157 and 158	WCS 130	WCS 121	WCS 128	FW 155
Construction Cost		\$3,794,029 ***	\$ 3,043,877.10	\$3,907,812	\$3,201,890	\$3,468,906	\$3,169,506	\$2,199,138
Rounded Construction Cost		\$3,800,000	\$3,050,000	\$3,910,000	\$3,210,000	\$3,470,000	\$3,170,000	\$2,200,000
Total Each Year		\$3,970,000	\$3,441,000	\$4,231,000	\$3,557,000	\$3,787,000	\$3,390,000	\$2,427,000

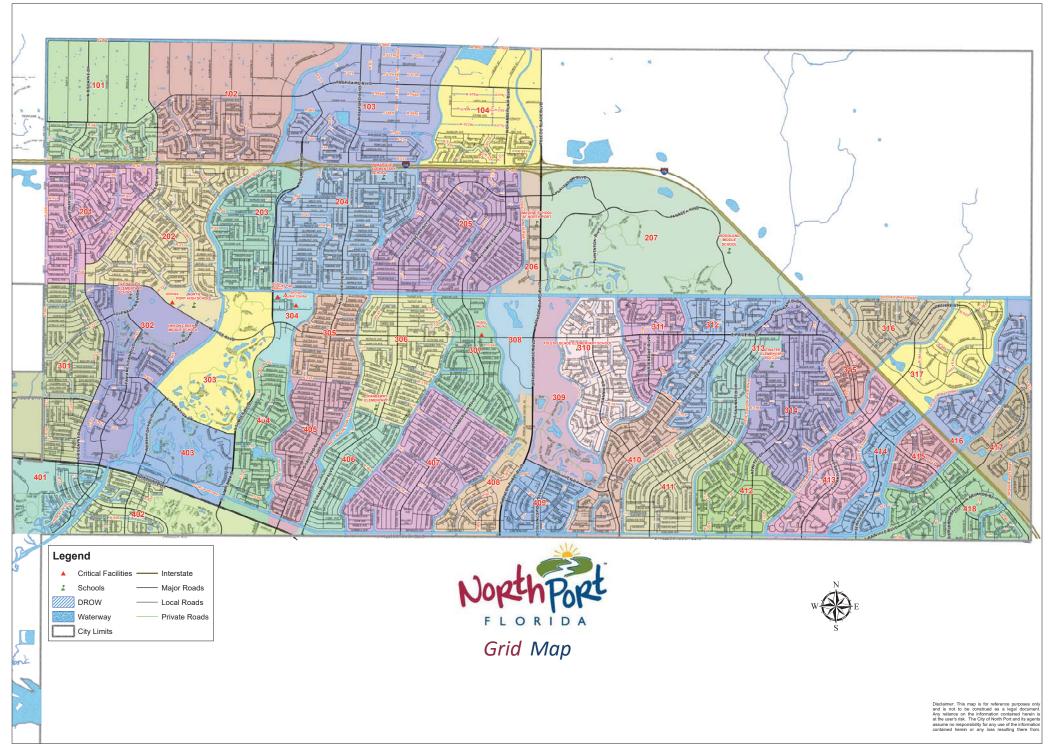
<sup>\*</sup> Actual cost

10%

<sup>\*\*</sup> Assumed Eng Design Cost (% of construction cost) =

Exibit 8-3

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	l	NOVEMBER	DECEMBER
OPERATIONS AND MAINTENANCE ACTIVITY	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024
Retention (R) Ditches and Canals Rehabilitated (linear feet)	6,975	7,120	8,280	13,950	6,820	9800	8,150	6320	2,950	1400	0	7125
Swales Rehabilitated (linear feet)	17,560	24,690	17,220	14,990	17,990	14026	20,250	19130	18,035	3825	0	20760
Asphalt Placed - Pothole Repairs/Utility Repairs (tons)	16	9	18	11	11	6.37	5	6.49	11	10.39	11.08	3.92
Roadside Mowing Swales (acres) -	483	647	1,031	1,010	1,108	911.5	1,590	1539.25	1,142	300	395.5	787.5
Drainage Right of Way (ROW) Mowing (acres) (R-Ditch bank mowing)	37	83	60	167	105	113.48	171	8.8	75	11.6	103.6	82.2
Aquatic Spraying (acres)	54	52	34	7	66	87.5	166	75	37	21	1	71.5
Boom Mowing R-Ditch Bottoms (linear miles)	1	3	14	17	9	5.62	1	4	1	1.3	4.54	12.74
Pipes Installed (linear feet)	40	60	260	420	118	510	255	245	104	0	0	40
Catch Basins/Culverts Boxes Installed	0	0	1	0	0	0	0	0	0	0	0	0
Traffic Signal Repairs	25	21	39	41	23	32	43	55	48	49	17	18
Street Light Repairs (City owned)	122	89	25	13	60	33	40	9	24	39	91	76
Street Sign Repairs/Replacements (each)	132	108	94	124	835	90	184	471	277	252	311	313
Drainage pipe cleaning (each)	168	71	103	122	105	68	190	43	0	0	0	118
New Streetlight Requests	1	1	2	9	2	2	2	1	5			6
Streetlight Request Approved	1	0	2	8	2	2	2	1	4			
Boom Mowing (linear miles) - push back vertical mowing	8	8	10	8	7	16	19	17.75	2	0	4.83	3.08



Case No.	Status As of 11/4/16 FIRMs	Flood Zone Effective 11/4/16	Туре	Status Prior to 11/4/16	Development	Unit, Phase, Address				Comment	
24-04-2767A	5/29/2024	X (shaded)	LOMR-F	& residence)	18081 Panther Place	LOT 41, LAKE GERALDINE, SUBJ TO UNITY OF TITLE PER ORI 2021219233		0.1894	2	information from permit records	0796040410
24-04-3146A	7/10/2024	AE	LOMA-DEN	Structure	20821 Swallowtail Court	LOT 78, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010078
24-04-3153A	4/26/2024	X (shaded)	LOMA	Structure	12047 Lovegrass Street	LOT 178, PRESERVE AT WEST VILLAGES PHASE 2	3086.9161	0.0709	1		0777010178
24-04-3165A	4/29/2024	X (shaded)	LOMA	Structure	20813 Swallowtail Court	LOT 77, PRESERVE AT WEST VILLAGES PHASE 1	3062.7646	0.0703	1		0777010077
24-04-3216A	4/26/2024	AE	LOMA-DEN	Structure	20741 Swallowtail Court	LOT 68, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010068
24-04-3223A	5/31/2024	X (shaded)	LOMR-F	Property	multiple locations	RENAISSANCE AT WEST VILLAGES PHASES 2B & 2C	689096.0000	15.8195	93		multiple
24-04-3248A	5/6/2024	AE	LOMA-DEN	Structure	20537 Saint Kitts Way	LOT 201, PRESERVE AT THE WEST VILLAGES PHASE 3	0.0000	0.0000	0	non-removal	0777010201
24-04-3259A	7/23/2024	X (shaded)	LOMA	Structure	12168 Amica Loop	LOT 1270, GRAN PARADISO PH 5-B	2376.3231	0.0546	1	attached units (12156, 12168)	0777021270
24-04-3275A	5/7/2024	X (shaded)	LOMA	Structure	12064 Blazing Star Drive	LOT 186, PRESERVE AT WEST VILLAGES PHASE 1	2693.0737	0.0618	1		0777010186
24-04-3287A	5/6/2024	X (shaded)	LOMA	Structure	20844 Swallowtail Court	LOT 82, PRESERVE AT WEST VILLAGES PHASE 1	3061.3424	0.0703	1		0777010082
24-04-3295A	6/14/2024	X (shaded)	LOMA	Structure	12103 Firewheel Place	LOT 82, PRESERVE AT WEST VILLAGES PHASE 1	2363.3142	0.0543	1	attached units (12103, 12107)	0777010037
24-04-3329A	5/9/2024	AE	LOMA-DEN	Structure	20543 Saint Kitts Way	LOT 202, PRESERVE AT THE WEST VILLAGES PHASE 3	0.0000	0.0000	0	non-removal	0777010202
24-04-3337A	5/9/2024	AE	LOMA-DEN	Structure	12084 Firewheel Place	LOT 59, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010059
24-04-3361A	5/9/2024	X (shaded)	LOMA	Structure	12671 Cinqueterre Drive	LOT 950, GRAN PARADISO, PHASE 6	3355.9995	0.0770	1		0777029500
24-04-3362A	5/9/2024	X (shaded)	LOMA	Structure	12024 Blazing Star Drive	LOT 191, PRESERVE AT WEST VILLAGES PHASE 1	3021.7546	0.0694	1		0777010191
24-04-3363A	5/9/2024	X (shaded)	LOMA	Structure	20805 Swallowtail Court	LOT 76, PRESERVE AT WEST VILLAGES PHASE 1	3119.7485	0.0716	1		0777010076
24-04-3365A	5/9/2024	X (shaded)	LOMA	Structure	12349 Amica Loop	LOT 1174, GRAN PARADISO PH 5-B	2130.7857	0.0489	1	attached units (12349, 12355)	0777021174
24-04-3384A	6/12/2024	X (shaded)	LOMR-F	Structure	20391 Granlago Drive	LOT 882, GRAN PARADISO, PHASE 4-C	3393.6827	0.0779	1		0780028820
24-04-3438A	5/13/2024	X (shaded)	LOMA	Structure	20676 Saint Kitts Way	LOT 223, PRESERVE AT WEST VILLAGES PHASE 3	2370.6878	0.0544	1	attached units (20670, 20676)	0777010223
24-04-3472A	5/20/2024	X (shaded)	LOMA	Structure	20644 Swallowtail Court	LOT 25, LESS WLY 2 FT DESC IN ORI 2017127517, PRESERVE AT WEST VILLAGES PHASE 1	2350.9359	0.0540	1	attached units (20636, 20644)	0777010025

Case No.	Status As of 11/4/16 FIRMs	Flood Zone Effective 11/4/16	Туре	Status Prior to 11/4/16	Development	Unit, Phase, Address				Comment	
24-04-3501A	5/16/2024	X (shaded)	LOMA	Structure	12481 Cinqueterre Drive	LOT 996, GRAN PARADISO, PHASE 6	3038.4886	0.0698	1		0777029960
24-04-3504A	5/15/2024	X (shaded)	LOMA	Structure	12112 Firewheel Place	LOT 51, PRESERVE AT WEST VILLAGES PHASE 1	2355.1245	0.0541	1		0777010051
24-04-3525A	5/16/2024	X (shaded)	LOMR-F	Structure	20530 Granlago Drive	LOT 866, GRAN PARADISO, PHASE 4-C	3554.4135	0.0816	1	attached units (12108, 12112)	0780028660
24-04-3540A	7/23/2024	X (shaded)	LOMA	Structure	20362 Lagente Circle	LOT 220, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9324	0.0274	1	attached units (20362, 20364, 20366, 20368, 20370, 20372, 20374, 20376)	0778112200
24-04-3543A	6/21/2024	AE	LOMA-DEN	Structure	20812 Swallowtail Court	LOT 86, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010086
24-04-3547A	7/19/2024	X (shaded)	LOMA	Structure	20376 Lagente Circle	LOT 213, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9324	0.0274	1	attached units (20362, 20364, 20366, 20368, 20370, 20372, 20374, 20376)	0778112130
24-04-3557A	7/17/2024	X (shaded)	LOMA	Structure	20311 Lagente Circle	LOT 126, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9306	0.0274	1	attached units (20301, 20303, 20305, 20307, 20309, 20311, 20313, 20315)	0778111260
24-04-3565A	7/11/2024	X (shaded)	LOMA	Structure	20281 Lagente Circle	LOT 116, GRAN PARADISO TOWNHOMES PHASE 1B	1168.9068	0.0268	1	attached units (20275, 20277, 20279, 20281, 20283, 20285, 20287, 20289)	0778111160
24-04-3572A	5/20/2024	X (shaded)	LOMA	Structure	12055 Lovegrass Street	LOT 179, PRESERVE AT WEST VILLAGES PHASE 2	3507.1020	0.0805	1		0777010179
24-04-3581A	5/29/2024	X (shaded)	LOMR-F	Property	multiple locations	BRIGHTMORE AT WELLEN PARK PHASES 1A-1C 2A & 3		19.2325	69		multiple
24-04-3590A	7/19/2024	X (shaded)	LOMA	Structure	25507 Benissimo Drive	LOT 1313, GRAN PARADISO, PHASE 8	3598.0952	0.0826	1	incorrect street # on the application	0778021313
24-04-3600A	5/20/2024	AE	LOMA-DEN	Structure	20820 Swallowtail Court	LOT 85, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010085
24-04-3615A	7/12/2024	X (shaded)	LOMA	Structure	20277 Lagente Circle	LOT 114, GRAN PARADISO TOWNHOMES PHASE 1B	1168.9068	0.0268	1	attached units (20275, 20277, 20279, 20281, 20283, 20285, 20287, 20289)	0778111140
24-04-3621A	5/23/2024	X (shaded)	LOMA	Structure	12253 Amica Loop	LOT 1190, GRAN PARADISO PH 5-B	2477.5601	0.0569	1	attached units (12253, 12259)	0777021190
24-04-3624A	7/31/2024	X (shaded)	LOMA	Structure	20374 Lagente Circle	LOT 214, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9324	0.0274	1	attached units (20362, 20364, 20366, 20368, 20370, 20372, 20374, 20376)	0778112140
24-04-3643A	5/24/2024	X (shaded)	LOMA	Structure	20163 Lagente Circle	LOT 17, GRAN PARADISO, TOWNHOMES 1A	1318.4175	0.0303	1	attached units (20163, 20165, 20167, 20169, 20171, 20173, 20175, 20177)	0778020170
24-04-3681A	5/30/2024	X (shaded)	LOMA	Structure	20722 Trattoria Loop	LOT 1403, GRAN PARADISO, PHASE 8	2875.5193	0.0660	1		0777021403
24-04-3682A	5/30/2024	X (shaded)	LOMA	Structure	19691 Tortuga Cay Drive	LOT 11, TORTUGA	2515.9045	0.0578	1		0785090011
24-04-3689A	6/12/2024	X (shaded)	LOMA	Structure	20646 Saint Kitts Way	LOT 218, PRESERVE AT WEST VILLAGES PHASE 3	2370.6952	0.0544	1	attached units (20646, 20652)	0777010218
24-04-3742A	7/2/2024	X (shaded)	LOMA	Structure	21020 Fetterbush Place	LOT 132, PRESERVE AT WEST VILLAGES PHASE 2	2322.7114	0.0533	1	attached units (21020, <mark>21026</mark> )	0777010132

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24-04-3771A	7/19/2024	X (shaded)	LOMA	Structure	20396 Lagente Circle	LOT 206, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9329	0.0274	1	attached units (20384, 20386, 20388, 20390, 20392, 20394, 20396, 20398)	0778112060
24-04-3784A	6/5/2024	X (shaded)	LOMA	Structure	12039 Lovegrass Street	LOT 177, PRESERVE AT WEST VILLAGES PHASE 2	2699.2609	0.0620	1		0777010177
24-04-3787A	6/6/2024	AE	LOMA-DEN	Structure (residence)	6741 Marius Road	LOT 19 BLK 495 13TH ADD TO PORT CHARLOTTE	0.0000	0.0000	0	non-removal	0998049519
24-04-3806A	7/24/2024	X (shaded)	LOMA	Structure	20329 Lagente Circle	LOT 131, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9332	0.0274	1	attached units (20325, 20327, 20329, 20331, 20333, 20335, 20337, 20339)	0778111310
24-04-3810A	8/12/2024	X (shaded)	LOMA	Structure	12516 Garibaldi Lane	LOT 1260, GRAN PARADISO PH 5-B	2417.8985	0.0555	1	attached units (12516, 12524)	0777021260
24-04-3818A	6/5/2024	X (unshaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO PHASE 2-A		9.7019	39		multiple
24-04-3826A	6/5/2024	X (shaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO, PHASE 7		21.9017	102		multiple
24-04-3835A	8/16/2024	X (shaded)	LOMA	Structure	12524 Garibaldi Lane	LOT 1259, GRAN PARADISO PH 5-B	2417.8985	0.0555	1	attached units (12516, 12524)	0777021259
24-04-3851A	5/31/2024	X (shaded)	LOMA	Structure	12135 Firewheel Place	LOT 45, PRESERVE AT WEST VILLAGES PHASE 1	2343.9934	0.0538	1	attached units (12135, 12139)	0777010045
24-04-3913A	6/10/2024	X (shaded)	LOMA	Structure	20585 Saint Kitts Way	LOT 209, PRESERVE AT WEST VILLAGES PHASE	2813.4284	0.0646	1		0777010209
24-04-3916A	6/10/2024	X (shaded)	LOMA	Structure	20789 Swallowtail Court	LOT 74, PRESERVE AT WEST VILLAGES PHASE 1	2457.9547	0.0564	1		0777010074
24-04-3919A	7/18/2024	X (shaded)	LOMA	Structure	12016 Blazing Star Drive	LOT 192, PRESERVE AT WEST VILLAGES PHASE 1	2760.7051	0.0634	1		0777010192
24-04-3931A	6/6/2024	X (shaded)	LOMA	Structure	20797 Swallowtail Court	LOT 75, PRESERVE AT WEST VILLAGES PHASE 1	2709.8229	0.0622	1		0777010075
24-04-3950A	7/31/2024	X (shaded)	LOMA	Structure	12071 Firewheel Place	LOT 29, TOGETHER WITH PORTION DESC IN ORI 2017127517, PRESERVE AT WEST VILLAGES PHASE 1	2131.4641	0.0489	1	attached units (12071, 12075)	0777010029
24-04-3960A	6/11/2024	X (shaded)	LOMR-F	Structure	19800 Bridgetown Loop	LOT 85, OASIS AT WEST VILLAGES PHASE 1	3998.2205	0.0918	1		0785020085
24-04-4000A	6/10/2024	X (shaded)	LOMA	Structure (residence)	20757 Swallowtail Court	LOT 70, PRESERVE AT WEST VILLAGES PHASE 1	2681.5908	0.0616	1		0777010070
24-04-4023A	6/6/2024	AE	LOMA-DEN	Structure (residence)	20567 Saint Kitts Way	LOT 206, PRESERVE AT THE WEST VILLAGES PHASE 3	0.0000	0.0000	0	non-removal	0777010206
24-04-4056A	6/7/2024	AE	LOMA-DEN	Structure	12009 Blazing Star Drive	LOT 14, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010014
24-04-4087A	6/13/2024	X (shaded)	LOMA	Structure (residence)	20780 Swallowtail Court	LOT 90, PRESERVE AT WEST VILLAGES PHASE 1	3004.4761	0.0690	1		0777010090
24-04-4105A	6/14/2024	AE	LOMR-F-DEN	Structure	11639 Tapestry Lane	LOT 80, RENAISSANCE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0776110080

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24-04-4107A	6/10/2024	X (shaded)	LOMA	Structure (residence)	19970 Benissimo Drive	LOT 719, GRAN PARADISO, PHASE 3	2133.2793	0.0490	1	attached units (19962, 19970)	0780027190
24-04-4116A	8/1/2024	X (shaded)	LOMA	Structure	12187 Amica Loop	LOT 1201, GRAN PARADISO PH 5-B	2438.7764	0.0560	1	attached units (12181, 12187)	0777021201
24-04-4152A	8/9/2024	X (unshaded)	LOMA	Structure	20283 Lagente Circle	LOT 117, GRAN PARADISO TOWNHOMES PHASE 1B	1168.9068	0.0268	1	attached units (20275, 20277, 20279, 20281, 20283, 20285, 20287, 20289)	0778111170
24-04-4172A	7/11/2024	AE	LOMA-DEN	Structure	6289 Morning Avenue	LOT 7 BLK 1974 42ND ADD TO PORT CHARLOTTE	0.0000	0.0000	0	non-removal	0997197407
24-04-4189A	6/11/2024	AE	LOMA-DEN	Structure	20677 Swallowtail Court	LOT 63, PRESERVE AT WEST VILLAGES PHASE 1	2874.4139	0.0660	1		0777010063
24-04-4211A	6/12/2024	X (shaded)	LOMR-F	Structure (residence)	5572 Carso Terrace	LOT 9 BLK 1535 31ST ADD TO PORT CHARLOTTE	1892.0000	0.0434	1	information from property appraiser	0955153509
24-04-4215A	6/13/2024	AE	LOMR-F-DEN	Portion of Property	8939 East River Road	LOT 38 LAKE GERALDINE	0.0000	0.0000	0	non-removal	0796040380
24-04-4228A	6/25/2024	X (unshaded)	LOMA	Structure	19747 Tortuga Cay Drive	LOT 18, TORTUGA	2633.0000	0.0604	1		0785090018
24-04-4238A	6/12/2024	X (unshaded)	LOMA	Structure (residence)	12001 Blazing Star Drive	LOT 13, PRESERVE AT WEST VILLAGES PHASE 1	2723.3497	0.0625	1		0777010013
24-04-4244A	7/3/2024	X (unshaded)	LOMA	Structure	20740 Trattoria Loop	LOT 1400, GRAN PARADISO, PHASE 8	3335.8069	0.0766	1		0777021400
24-04-4246A	6/20/2024	X (shaded)	LOMR-F	Structure	11377 Montserrat Drive	LOT 11, OASIS AT WEST VILLAGES PHASE 1	3364.5746	0.0772	1		0785020011
24-04-4258A	6/20/2024	X (shaded)	LOMA	Structure	12083 Firewheel Place	LOT 32, PRESERVE AT WEST VILLAGES PHASE 1	2130.1451	0.0489	1	attached units (12079, 12083)	0777010032
24-04-4276A	6/17/2024	X (shaded)	LOMA	Structure	12024 Lovegrass Street	LOT 95, PRESERVE AT WEST VILLAGES PHASE 2	2710.0733	0.0622	1		0777010095
24-04-4277A	6/17/2024	X (shaded)	LOMA	Structure	20740 Swallowtail Court	LOT 183, PRESERVE AT WEST VILLAGES PHASE 1	3085.9561	0.0708	1		0777010183
24-04-4293A	6/18/2024	X (shaded)	LOMA	Structure	20652 Swallowtail Court	LOT 24, PRESERVE AT WEST VILLAGES PHASE 1	2362.3124	0.0542	1	attached units (20652, 20660)	0777010024
24-04-4309A	6/18/2024	AE	LOMA-DEN	Structure	20610 Saint Kitts Way	LOT 212, PRESERVE AT WEST VILLAGES PHASE 3	0.0000	0.0000	0	non-removal	0777010212
24-04-4316A	7/11/2024	X (shaded)	LOMA	Structure	12151 Amica Loop	LOT 1207, GRAN PARADISO PH 5-B	2346.5650	0.0539	1	attached units (12145, 12151)	0777021207
24-04-4396A	6/21/2024	X (shaded)	LOMA	Structure	20732 Swallowtail Court	LOT 184, PRESERVE AT WEST VILLAGES PHASE 1	3166.5545	0.0727	1		0777010184
24-04-4413A	6/21/2024	AE	LOMA-DEN	Structure	12078 Firewheel Place	LOT 60, PRESERVE AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0777010060
24-04-4475A	6/27/2024	X (shaded)	LOMR-F	Portion of Property (parcel 1, 2)	12685 Radiance Court	Wellen Park Golf Country Club, Phace 1C				partial properties	0807111000

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24-04-4484A	7/3/2024	X (shaded)	LOMR-F	Structure	19801 Bridgetown Loop	LOT 88, OASIS AT WEST VILLAGES PHASE 1	3148.7380	0.0723	1		0785020088
24-04-4487A	6/25/2024	X (shaded)	LOMR-F	Structure	11268 Montserrat Drive	LOT 26, OASIS AT WEST VILLAGES PHASE 1	3677.7007	0.0844	1		0785020026
24-04-4516A	7/26/2024	X (unshaded)	LOMR-F	Property	multiple locations	WELLEN PARK GOLF & COUNTRY CLUB PHASE 1A		8.0833	?		multiple
24-04-4543A	7/2/2024	AE	LOMR-F-DEN	Property	11317 Montserrat Drive	LOT 16, OASIS AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0785020016
24-04-4553A	7/2/2024	X (shaded)	LOMR-F	Structure	11376 Montserrat Drive	LOT 76, OASIS AT WEST VILLAGES PHASE 1	3585.2002	0.0823	1		0785020076
24-04-4601A	8/15/2024	X (shaded)	LOMR-F	Structure	11497 Montserrat Drive	LOT 1, OASIS AT WEST VILLAGES PH 1	3500.7963	0.0804	1		0785020001
24-04-4613A	7/5/2024	AE	LOMA-DEN	Structure	20628 Saint Kitts Way	LOT 215, PRESERVE AT WEST VILLAGES PHASE 3	0.0000	0.0000	0	non-removal	0777010215
24-04-4689A	7/3/2024	X (shaded)	LOMR-F	Structure	19839 Bridgetown Loop	LOT 103, OASIS AT WEST VILLAGES PHASE 1	4449.4149	0.1021	1		0785020103
24-04-4691A	7/3/2024	X (shaded)	LOMR-F	Structure	19833 Bridgetown Loop	LOT 101, OASIS AT WEST VILLAGES PHASE 1	4398.6183	0.1010	1		0785020101
24-04-4707A	7/1/2024	X (shaded)	LOMA	Structure (residence)	20580 Benissimo Drive	LOT 1356, GRAN PARADISO, PHASE 8	3167.2920	0.0727	1		0778021356
24-04-4717A	9/6/2024	X (unshaded)	LOMR-F	Structure (residence)	2981 Jason Street	LOTS 15, 16 & 17, BLK 1754, 34TH ADD TO PORT CHARLOTTE	3812.3473	0.0875	1		1138175415
24-04-4738A	7/5/2024	X (shaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO PHASE 2-B		4.2904	19		multiple
24-04-4739A	7/5/2024	X (shaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO, PHASE 2-C		5.3410	26		multiple
24-04-4741A	7/18/2024	X (shaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO, PHASE 2-E		1.3050	6		multiple
24-04-4779A	7/9/2024	X (shaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO, PHASE 4-D		10.3981	40		multiple
24-04-4780A	7/10/2024	X (unshaded, shaded)	LOMA-OAS	Property	multiple locations	GRAN PARADISO PHASE 4E	374520.0000	8.5978	33		multiple
24-04-4826A	7/12/2024	X (shaded)	LOMR-F	Structure	11305 Montserrat Drive	LOT 17, OASIS AT WEST VILLAGES PHASE 1	3652.7418	0.0839	1		0785020017
24-04-4852A	7/12/2024	X (shaded)	LOMR-F	Structure	19832 Bridgetown Loop	LOT 131, OASIS AT WEST VILLAGES PHASE 1	3635.6076	0.0835	1		0785020131
24-04-4858A	7/12/2024	X (shaded)	LOMR-F	Structure	11280 Montserrat Drive	LOT 27, OASIS AT WEST VILLAGES PHASE 1	3867.6826	0.0888	1		0785020027
24-04-4869A	7/10/2024	AE	LOMR-F-DEN	Structure	11401 Montserrat Drive	LOT 9, OASIS AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0785020009

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24-04-4871A	7/29/2024	X (shaded)	LOMR-F	Structure	19806 Bridgetown Loop LOT 87, OASIS AT WEST VILLAGES PHASE 1	3614.2586	0.0830	1		0785020087
24-04-4883A	7/11/2024	X (shaded)	LOMR-F	Structure	11460 Montserrat Drive LOT 82, OASIS AT WEST VILLAGES PHASE 1	3934.1066	0.0903	1		0785020082
24-04-4903A	7/12/2024	X (shaded)	LOMR-F	Structure	11461 Montserrat Drive LOT 4, OASIS AT WEST VILLAGES PHASE 1	3597.6354	0.0826	1		0785020004
24-04-4917A	7/19/2024	X (shaded)	LOMR-F	Structure	19834 Bridgetown Loop LOT 130, OASIS AT WEST VILLAGES PHASE 1	3853.5898	0.0885	1		0785020130
24-04-4921A	7/12/2024	X (shaded)	LOMR-F	Structure	11341 Montserrat Drive LOT 14, OASIS AT WEST VILLAGES PHASE 1	3735.8336	0.0858	1		0785020014
24-04-4937A	7/17/2024	X (shaded)	LOMR-F	Structure	11389 Montserrat Drive LOT 10, OASIS AT WEST VILLAGES PHASE 1	3301.3824	0.0758	1		0785020010
24-04-4950A	7/31/2024	X (shaded)	LOMA	Structure	12555 Garibaldi Lane LOT 1234, GRAN PARADISO PH 5-B	2431.6701	0.0558	1	attached unita (12547, 12555)	0777021234
24-04-4955A	7/18/2024	X (shaded)	LOMA	Structure	7551 Joppa Street LOT 14 BLK 2516 50TH ADD TO PORT CHARLOTTE	1392.3556	0.0320	1		0998251614
24-04-4988A	11/13/2024	X (shaded)	LOMA	Structure	20788 Swallowtail Court LOT 89, PRESERVE AT WEST VILLAGES PHASE 1	2632.5596	0.0604	1		0777010089
24-04-4967A	7/17/2024	X (shaded)	LOMR-F	Structure	11484 Montserrat Drive LOT 84, OASIS AT WEST VILLAGES PHASE 1	3733.6794	0.0857	1		0785020084
24-04-5011A	7/17/2024	X (shaded)	LOMR-F	Structure	19843 Bridgetown Loop LOT 104, OASIS AT WEST VILLAGES PHASE 1	4288.0555	0.0984	1		0785020104
24-04-5014A	7/17/2024	X (shaded)	LOMR-F	Structure	19844 Bridgetown Loop LOT 127, OASIS AT WEST VILLAGES PHASE 1	4208.7343	0.0966	1		0785020127
24-04-5083A	7/22/2024	AE	LOMR-F-DEN	Structure	11436 Montserrat Drive LOT 80, OASIS AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0785020080
24-04-5089A	7/22/2024	X (shaded)	LOMR-F	Structure	19749 Rock Haven Lane LOT 19, OASIS AT WEST VILLAGES PHASE 1	3186.7110	0.0732	1		0785020019
24-04-5094A	7/22/2024	X (shaded)	LOMR-F	Structure	19804 Bridgetown Loop LOT 86, OASIS AT WEST VILLAGES PHASE 1	3782.9871	0.0868	1		0785020086
24-04-5179A	8/1/2024	X (shaded)	LOMA	Structure	12445 Amica Loop LOT 1158, GRAN PARADISO PH 5-B	2366.2757	0.0543	1	attached units (12445, 12451)	0777021158
24-04-5230A	8/6/2024	X (shaded)	LOMA	Structure	21008 Fetterbush Place LOT 134, PRESERVE AT WEST VILLAGES PHASE 2	2322.7096	0.0533	1	attached units (21008, 21014)	0777010134
24-04-5301A	8/7/2024	X (shaded)	LOMA	Structure	20149 Lagente Circle LOT 14, GRAN PARADISO, TOWNHOMES 1A	1225.2671	0.0281	1	multiple units (20139, 20141, 20143, 20145, 20147, 20149, 20151)	0778020140
24-04-5329A	8/26/2024	X (shaded)	LOMR-F	Structure	1423 Jonquil Terrace LOT 7 BLK 2553 51ST ADD TO PORT CHARLOTTE	3071.0000	0.0705	1	information from property appraiser	1008255307
24-04-5396A	8/9/2024	X (shaded)	LOMA	Structure	20123 Lagente Circle LOT 3, GRAN PARADISO, TOWNHOMES 1A	1273.8820	0.0292	1	multiple units (20119, 20121, 20123, 20125, 20127, 20129, 20131, 20133)	0778020030

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24-04-5397A	8/9/2024	X (shaded)	LOMA	Structure	20770 Benissimo Drive	LOT 1333, GRAN PARADISO, PHASE 8	3638.3034	0.0835	1		0778021333
24-04-5399A	8/20/2024	X (shaded)	LOMA	Structure	20495 Granlago Drive	LOT 890, GRAN PARADISO, PHASE 4-C	3496.2467	0.0803	1		0780028900
24-04-5473A	8/19/2024	X (shaded)	LOMR-F	Structure	3598 Trinity Street	LOT 12, BLK 606, 18TH ADD TO PORT CHARLOTTE	2507.0000	0.0576	1	information from property appraiser	0967060612
24-04-5478A	8/7/2024	X (shaded)	LOMA	Structure	20010 Benissimo Drive	LOT 714, GRAN PARADISO, PHASE 3	2411.1847	0.0554	1	multiple units (20010, 20018)	0780027140
24-04-5500A	8/8/2024	X (shaded)	LOMA	Structure	12056 Lovegrass Street	LOT 91, PRESERVE AT WEST VILLAGES PHASE 2	2735.0163	0.0628	1		0777010091
24-04-5501A	8/15/2024	X (shaded)	LOMR-F	Structure	6260 Falcon Lair Drive	LOT 9, BLK A, TALON BAY UNIT 2	2679.1282	0.0615	1		0792010062
24-04-5536A	8/27/2024	X (shaded)	LOMR-F	Structure	11987 Lovegrass Street	LOT 170, PRESERVE AT WEST VILLAGES PHASE 2	2724.1234	0.0625	1		0777010170
24-04-5559A	8/21/2024	X (shaded)	LOMA	Structure	20315 Lagente Circle	LOT 128, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9306	0.0274	l I	attached units (20301, 20303, 20305, 20307, 20309, 20311, 20313, 20315)	0778111280
24-04-5591A	8/21/2024	X (shaded)	LOMA	Structure (residence)	12915 Basilica Drive	LOT 1307, GRAN PARADISO, PHASE 8	3036.3626	0.0697	1		0778021307
24-04-5611A	9/18/2024	X (shaded)	LOMR-F	Structure	11583 Alessandro Lane	LOT 679, RENAISSANCE AT WEST VILLAGES PHASE 2	2708.6925	0.0622	1	multiple units (11583, 11591)	0775030679
24-04-5618A	8/6/2024	X (unshaded)	LOMA	Structure	19800 Fishhawk Trail	LOT 109, TORTUGA	2633.0000	0.0604	1	information from property appraiser	0785090109
24-04-5621A	8/27/2024	X (unshaded)	LOMA	Structure	19656 Fishhawk Trail	LOT 97, TORTUGA	3243.8215	0.0745	1		0785160097
24-04-5626A	8/21/2024	X (shaded)	LOMA	Structure	20520 Granlago Drive	LOT 867, GRAN PARADISO, PHASE 4-C	3554.7295	0.0816	1		0780028670
24-04-5630A	8/20/2024	X (shaded)	LOMA	Structure	12428 Amica Loop	LOT 1296, GRAN PARADISO PH 5-B	2414.0785	0.0554	1	multiple units (12422, 12428)	0777021296
24-04-5670A	8/22/2024	X (shaded)	LOMA	Structure	11799 Alessandro Lane	LOT 706, RENAISSANCE AT WEST VILLAGES PHASE 2	2871.3911	0.0659	1		0775030706
24-04-5695A	8/22/2024	X (shaded)	LOMA	Structure	20106 Benissimo Drive	LOT 702, GRAN PARADISO, PHASE 3	2151.1451	0.0494	1	multiple units (20106, 20114)	0780027020
24-04-5698A	8/23/2024	X (shaded)	LOMA	Structure	20179 Lagente Circle	LOT 25, GRAN PARADISO, TOWNHOMES 1A	1237.7496	0.0284	1	attached units (20179, 20181, 20183, 20185, 20187, 20189, 20191, 20193)	0778020250
24-04-5711A	8/14/2024	X (shaded)	LOMA	Structure	20722 Benissimo Drive	LOT 1338, GRAN PARADISO, PHASE 8	3545.8843	0.0814	1		0778021338
24-04-5733A	8/20/2024	X (shaded)	LOMR-F	Structure	11807 Alessandro Lane	LOT 707, RENAISSANCE AT WEST VILLAGES PHASE 2	2858.1829	0.0656	1		0775030707
24-04-5745A	8/23/2024	X (shaded)	LOMA	Property	20560 Granlago Drive	LOT 863, GRAN PARADISO, PHASE 4-C	7800.0000	0.1791	1		0780028630

Case No.	Status As of 11/4/16 FIRMs	Flood Zone Effective 11/4/16	Туре	Status Prior to 11/4/16	Development	Unit, Phase, Address				Comment	
24-04-5750A	9/9/2024	X (shaded)	LOMA	Structure	12840 Cinqueterre Drive	LOT 932, GRAN PARADISO, PHASE 6	2679.7207	0.0615	1		0777029320
24-04-5765A	8/20/2024	X (shaded)	LOMR-F	Structure	11388 Montserrat Drive	LOT 77, OASIS AT WEST VILLAGES PHASE 1	3658.1729	0.0840	1		0785020077
24-04-5770A	9/13/2024	X (shaded)	LOMA	Structure	12427 Amica Loop	LOT 1161, GRAN PARADISO PH 5-B	2366.2701	0.0543	1	attached units (12421, 12427)	0777021161
24-04-5774A	8/26/2024	X (shaded)	LOMA	Structure	19994 Benissimo Drive	LOT 716, GRAN PARADISO, PHASE 3	2401.2451	0.0551	1	attached units (19994, 20002)	0780027160
24-04-5777A	8/26/2024	X (shaded)	LOMA	Structure	12422 Amica Loop	LOT 1295, GRAN PARADISO PH 5-B	2414.0785	0.0554	1	multiple units (12422, 12428)	0777021295
24-04-5826A	8/27/2024	X (shaded)	LOMA	Structure	20590 Granlago Drive	LOT 860, GRAN PARADISO, PHASE 4-C	3558.3217	0.0817	1		0779028600
24-04-5837A	8/28/2024	X (shaded)	LOMA	Structure	20723 Granlago Drive	LOT 915, GRAN PARADISO, PHASE 4-C	3531.3649	0.0811	1		0779029150
24-04-5851A	10/28/2024	X (shaded)	LOMR-F	Portion of Property	multiple locations	A portion of Tracts 1, 2, 3, 7 and 11, Wellen Park Village E	0.0000	0.0000	0	partial properties	multiple locations
24-04-5871A	8/28/2024	X (shaded)	LOMA	Structure	20165 Lagente Circle	LOT 18, GRAN PARADISO, TOWNHOMES 1A	1318.4175	0.0303	1	attached units (20163, 20165, 20167, 20169, 20171, 20173, 20175, 20177)	0778020180
24-04-5886A	11/5/2024	X (shaded)	LOMA	Structure	20233 Lagente Circle	LOT 51, GRAN PARADISO, TOWNHOMES 1A	1262.7862	0.0290	1	attached units (20225, 20227, 20229, 20231, 20233, 20235, 20237, 20239)	0778020510
24-04-5896A	8/29/2024	X (shaded)	LOMA	Structure	20412 Lagente Circle	LOT 200, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9335	0.0274	1	attached units (20404, 20406, 20408, 20410, 20412, 20414, 20416, 20418)	0778112000
24-04-5921A	8/30/2024	X (shaded)	LOMA	Structure	12279 Canavese Lane	LOT 1042, GRAN PARADISO, PHASE 6	2524.3508	0.0580	1		0777021042
24-04-5923A	8/21/2024	X (unshaded)	LOMA	Structure	12860 Basilica Drive	LOT 1303, GRAN PARADISO, PHASE 8	3577.6877	0.0821	1		0778021303
24-04-5926A	8/29/2024	X (shaded)	LOMA	Structure	20166 Lagente Circle	LOT 106, GRAN PARADISO, TOWNHOMES 1A	1233.0577	0.0283	1	attached units (20154, 20156, 20158, 20160, 20162, 20164, 20166, 20168)	0778021060
24-04-5929A	8/29/2024	X (shaded)	LOMA	Structure	12339 Canavese Lane	LOT 1052, GRAN PARADISO, PHASE 6	2984.1424	0.0685	1		0777021052
24-04-5948A	8/29/2024	X (shaded)	LOMA	Structure	12138 Amica Loop	LOT 1267, GRAN PARADISO PH 5-B	2400.3023	0.0551	1	attached units (20138, 20144)	0777021267
24-04-5950A	8/29/2024	X (shaded)	LOMA	Structure	20762 Benissimo Drive	LOT 1334, GRAN PARADISO, PHASE 8	3551.3131	0.0815	1		0778021334
24-04-5995A	9/16/2024	X (shaded)	LOMA	Structure	12087 Firewheel Place	LOT 33, PRESERVE AT WEST VILLAGES PHASE 1	2343.5907	0.0538	1	attached units (12087, 12091)	0777010033
24-04-6000A	11/15/2024	X (shaded)	LOMA	Structure	12434 Amica Loop	LOT 1297, GRAN PARADISO PH 5-B	2414.0779	0.0554	1	attached units (12434, 12440)	0777021297
24-04-6001A	8/30/2024	X (shaded)	LOMA	Structure	12440 Amica Loop	LOT 1298, GRAN PARADISO PH 5-B	2414.0779	0.0554	1	attached units (12434, 12440)	0777021298

Case No.	Status As of 11/4/16 FIRMs	Flood Zone Effective 11/4/16	Туре	Status Prior to 11/4/16	Development	Unit, Phase, Address				Comment	
24-04-6032A	9/3/2024	X (shaded)	LOMA	Structure	20533 Benissimo Drive	LOT 1310, GRAN PARADISO, PHASE 8	3598.0916	0.0826	1		0778021310
24-04-6035A	9/3/2024	AE	LOMR-F-DEN	Property	19827 Bridgetown Loop	LOT 98, OASIS AT WEST VILLAGES PHASE 1	0.0000	0.0000	0	non-removal	0785020098
24-04-6039A	9/3/2024	X (shaded)	LOMA	Structure	20758 Trattoria Loop	LOT 1397, GRAN PARADISO, PHASE 8	2505.6684	0.0575	1		0777021397
24-04-6042A	8/30/2024	X (shaded)	LOMA	Structure	20307 Lagente Circle	LOT 124, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9306	0.0274	1	attached units (20301, 20303, 20305, 20307, 20309, 20311, 20313, 20315)	0778111240
24-04-6045A	8/30/2024	X (shaded)	LOMA	Structure	20363 Lagente Circle	LOT 142, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9310	0.0274	1	attached units (20353, 20355, 20357, 20359, 20361, 20363, 20365, 20367)	0778111420
24-04-6046A	8/30/2024	X (shaded)	LOMA	Structure	20381 Lagente Circle	LOT 147, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9320	0.0274	1	attached units (20377, 20379, 20381, 20383, 20385, 20387, 20389, 20391)	0778111470
24-04-6047A	8/27/2024	X (unshaded)	LOMA	Structure	19577 Fishhawk Trail	LOT 83, TORTUGA	2592.0687	0.0595	1		0785160083
24-04-6064X	7/23/2024	X (shaded)	LOMA	Structure	20557 Benissimo Drive	LOT 1313, GRAN PARADISO, PHASE 8	3598.0952	0.0826	1		0778021313
24-04-6078A	8/26/2024	X (shaded)	LOMA	Structure	20114 Benissimo Drive	LOT 701, GRAN PARADISO, PHASE 3	2151.1451	0.0494	1	multiple units (20106, 20114)	0780027010
24-04-6081A	8/30/2024	X (shaded)	LOMA	Structure	20448 Lagente Circle	LOT 187, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9329	0.0274	1	attached units (20446, 20448, 20450, 20452, 20454, 20456, 20458, 20460)	0778111870
24-04-6095A	8/27/2024	X (shaded)	LOMA	Structure	20368 Lagente Circle	LOT 217, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9324	0.0274	1	attached units (20362, 20364, 20366, 20368, 20370, 20372, 20374, 20376)	0778112170
24-04-6107A	8/27/2024	X (shaded)	LOMA	Structure	20717 Benissimo Drive	LOT 1325, GRAN PARADISO, PHASE 8	3480.7973	0.0799	1		0778021325
24-04-6108A	8/28/2024	X (unshaded)	LOMA	Structure	19739 Tortuga Cay Drive	LOT 17, TORTUGA	2951.0000	0.0677	1	information from property appraiser	0785090017
24-04-6124A	8/28/2024	X (unshaded)	LOMA	Structure	19771 Tortuga Cay Drive	LOT 21, TORTUGA	2951.0000	0.0677	1	information from property appraiser	0785090021
24-04-6133A	8/28/2024	X (shaded)	LOMA	Structure	12751 Cinqueterre Drive	LOT 958, GRAN PARADISO, PHASE 6	2608.3215	0.0599	1		0777029580
24-04-6135A	8/29/2024	X (shaded)	LOMA	Structure	20327 Lagente Circle	LOT 130, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9332	0.0274	1	attached units (20325, 20327, 20329, 20331, 20333, 20335, 20337, 20339)	0778111300
24-04-6141A	8/29/2024	X (shaded)	LOMA	Structure	20915 Valore Court	LOT 970, GRAN PARADISO, PHASE 6	2900.6874	0.0666	1		0777029700
24-04-6148A	10/30/2024	X (shaded)	LOMA	Structure	12319 Amica Loop	LOT 1179, GRAN PARADISO PH 5-B	2477.5654	0.0569	1	attached units (12313, 12319)	0777021179
24-04-6157A	8/29/2024	X (shaded)	LOMR-F	Structure	19725 Rock Haven Lane	LOT 20, OASIS AT WEST VILLAGES PHASE 1	3586.3072	0.0823	1		0785020020
24-04-6168A	8/30/2024	X (shaded)	LOMA	Structure	20765 Benissimo Drive	LOT 1331, GRAN PARADISO, PHASE 8	3579.7541	0.0822	1		0778021331

		CITY OF NORTH PORT
	LOW IMPACT DEV	ELOPMENT (LID) PROJECTS AND CITY "GREEN ACHIEVEMENTS"  4/4/2025
		7 7 2023
Project number	Project Name	Description
	Public Works Site	Use stormwater from Creighton Waterway for irrigation. Use of grass swales for pretreatment prior to entiering master stormwater pond system.
	Islandwalk @ The West Villages all phases	Stormwater harvesting for irrigation
	Fertilizer Ordinance	Adopted a City-wide Fertilizer Ordinance which prohibited a fertilization of lawns during the wet season period between June 1 and September 30. Required 50% slow release fertilizer if used in the allowable periods.
	North Port Medical Specialist facility on US 41 near Espanola Ave.	Developer installed 7 pervious asphalt parking spaces at a new North Port Medical Specialist facility along US 41.
	Sumter Boulevard Phase 2 widening project	City installed 3 aeration fountains in wet detention ponds and planted non-invasive littoral zone plants as part of the Sumter Boulevard Phase 2 widening project
	Lowes store	Stormwater harvesting for irrigation. A shallow well recharges the wet pond during the dry periods.
	PBSJ Study North Port Enhancement Project Report	City study cooperatively funded with SWFWMD indicated that the total nitrogen levels within North Port waterways are "lower than the reference levels for natural Florida Streams gnerated in the 1996 FDEP 305(b) report". This is due to the extensive grass swales system in North Port.
	SWFWMD Community Education Grant for \$1,761.94	Grant funded purchase 100 stormdrain markers which were installed with assistance from the Community and kids. Conducted public education on water quality protection and installed two educational signs
	City of North Port Unified Land Development Code (ULDC) New Stormwater Regulations	City adopted new ULDC Chapter 18 - Stormwater Regulations in June 2010 which required all developments to incorporate LIDs to the maximum extent practicable. City water quality regulations required treatment volume of 1-inch of runoff for any systems, wet or dry. This is above the SWFWMD requirement for 1/2" of runoff for dry systems. City required aeration systems in wet ponds and planted littoral zone with non-invasive aquatic plants with 85% survival rate.
	Grass parking at Morgan Family Center/Butler Park	Many parking spaces at these facilities were installed as grass parking.
MAS-08-093	Cocoplum Village Shoppes on US 41 near Salford Blvd	Stormwater harvesting for irrigation.
	Toledo Blade Boulevard Widening Project  City Hall near Post Office	City planted littoral zones and entire pond periphery with cord grass (Spartina Bakeri) at two stormwater ponds.  City installed an aeration fountain in a wet detention pond.
	Florida Green Building Coalition Gold Rating	City received the FGBC Gold Rating which is the highest rating achieved at that time in Florida for good environmental practices in "green" development
	Kingdom Hall Church	Kingdom Hall new church facility incorpated 10 pervious concrete parking spaces
	City's Atwater Park	Stormwater harvesting for irrigation with recharge well. Also installed an aeration fountain in a wet detention pond.
	SWFWMD Community Education Grant for \$4136	Grant runded planting of non-invasive aquatic plants around the periphery area of the North Port Library pond, Public workshops on proper fertilizer usage and aquatic planting benefits, two major City clean up events and six educational signs installed throughout the City to encourage protection of waterways.
	Sarasota County Area Transit at City Center	City coordinated with SCAT to install 15 pervious concrete parking spaces, along with a bioswale between parking spaces.
MAS-08-093	Cocoplum Village Shoppes on US 41 new Salford Blvd	Developer installed aeration fountains in two wet detention ponds
		City installed a new section of Pervious Concrete sidewalk as part of the Phase 1 GMAC improvements
MAS-13-141	Sarasota County Area Transit (SCAT) at City Center Turnberry Trace Recreation Center	An electric car charging station was added in June 2014.  Installed 7 parking spaces with Pervious Concrete
MAS-14-032	Gran Paradiso Amenity Center Phase 2	Brick pavers on sand for sidewalks and decking, grassed swales for conveyance before entering inlets and ponds, FF
MAS-13-137	Aldi food Store on US 41/Salford Blvd	landscaping, oversized stormwater pond, aeration in Lake 34. Project completed in March 2016  Constructed 11 pervious concrete parking spaces
	City Center George Mullen Activity Center (GMAC)	City installed a new section of Pervious Concrete sidewalk as part of the Phase 2 GMAC improvements
MAS 14-105	Goodwill	*8 Pervious parking stalls - 2.36" thick "Aquaflow" Pavers on 2" thick 1/4" diameter clean crushed stone, over 140N Mirafi over 6" FDOT #57 stone 95% Modified Proctor, over 140N Mirafi, 12" Subgrade 98% Modified Proctor. Grass swales before inlets.
MAS-15-129	Lowes Outparcel	Stormwater harvesting for irrigation.
MAS-16-070	Autozone at Toledo Creek (S of Price, west side of Toledo Blade	20 pervious concrete parking spaces, grass retention area before master stormwater pond, deep sump at several inlets
INF-15-089 MAS-15-180	Toledo Creek Circle K at Heron Creek Town Center	Floguard inlet inserts installed on 9 Type 9 Index 214 inlets Less impervious than allowable, 77.88% vs 94.0%
MAS-16-055	7-Eleven Store #37298 at Toledo Creek	70% impervious compared with allowable 95% impervious. Pervious concrete sidewalks adjacent to store
INF-14-149	Gran Paradiso Phase 3	All of the driveways for the paired villa (duplex) units are pavers on sand. There are swales along the rear of lots 687-734 which will provide open flow contact time / pre-treatment prior to discharging to lake 29. There is also a 1,000± LF swale outfalling a portion of Renaissance Boulevard prior to draining into lake 68. This swale will also provide some open flow contact time / pre-treatment prior to discharging to the lake
INF-16-122	Gran Paradiso Phase 7	Minumize impervious area - The overall Gran Paradiso property (± 1,068.09 acres) will consist of approximately±231.36 acres of conservation areas, including wetland and gopher tortoise preserves. There will also be approximately±221.44 acres of lake area and±135.72 acres of additional open space. Thus, as a percentage of the total development there will be 21.7% conservation area, 20.9% lake area, and 12.7% open area.  Overland flow areas Where achievable, stormwater runoff is allowed to sheet flow across areas of vegetation prior to flowing into on-site retention areas or wetland areas.  Minimizing of sidewalk widths in areas with lower pedestrian traffic In strategic areas of the community (e.g. along Prestigio Boulevard), sidewalk widths were decreased, thus decreasing impervious area. This was done in order to minimize the amount of required disturbance of native vegetation and habitats.  Inclusion of aerators in lakes Aerators have been added to lakes throughout the development, with 3 included in the Phase 7 project.  Use of pavers throughout the development Where possible, pavers have been used in lieu of concrete pavement. This is most
INE 16 022	Jelandwalk Phace 5	prevalent at the entrance I clubhouse area and driveways of home sites throughout
INF-16-022	Islandwalk Phase 5	Stormwater reuse for irrigation

Project number	Project Name	Description
		Limiting the footprint of improvements on the property.
		The overall Gran Paradiso property (± 1,068.09 acres) will consist of approximately ±
		231.36 acres of conservation areas, including wetland and gopher tortoise preserves.
		There will also be approximately ± 222.84 acres of lake area and ± 135.72 acres of additional open space. Thus, as a percentage of the total development there will be
		21.7% conservation area, 20.9% lake area, and 12.7% open area.
		Overland flow areas
		Where achievable, stormwater runoff is allowed to sheet flow across areas of vegetation
		prior to flowing into on-site retention areas or wetland areas.
MAS-16-172	Gran Paradiso, Coach Homes-2 and Mass Grading	Minimizing of sidewalk widths in areas with lower pedestrian traffic
		In strategic areas of the community (e.g. along Prestigio Boulevard), sidewalk widths
		were decreased, thus decreasing impervious area. This was done in order to minimize
		the amount of required disturbance of native vegetation and habitats.
		Inclusion of aerators in lakes     Aerators have been added to lakes throughout the development, with 3 included in the
		Phase 7 project.
		Use of pavers throughout the development
		Where possible, pavers have been used in lieu of concrete pavement. This is most
		prevalent at the entrance / clubhouse area and driveways of home sites throughout
INF-14-089	Suncoast Plaza	Long Bioswales for additional treatment along roadways, fountains in wet ponds
MAS-17-013	Heartland Dental	Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system. Impervious
		area is 68% compared to allowable 95%
MAS-16-020		Runoff into three grass retention swales prior to discharge into the master stormwater piping/pond system. Ditch botton inlets in the grass retention swales are set 0.5' higher than swale bottom. 41.7% impervious compared with allowable
IVIAS-16-020	Jiffy Lube	95% impervious .
GEN-15-172	North Port Library Parking Expansion	23 Pervious Concrete parking stalls for this parking expansion
MAS-15-179	Sherwin Williams	Long linear rrass swales before entering dry retention pond
MAS-17-001	7-11 at Cranberry	3 Pervious Pavers parking stalls
MAS-16-131	Heron Creek Animal Hospital	Impervious area reduced by 20% from allowable
MAS-14-053	Pine Park Walking Trails	4ft wide Pervious path 1.5" Flexipave HD 1500 over 4" #57 stone over Filter Fabric US160NW over Stabilized Subgrade
WIA3 14 033	THE FOR WORKING THAIS	max 95% modified Proctor Density ASTM D-1557
MAS-17-030	O Reilly Auto Parks	Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system Minimized
	<u>'</u>	impervious from 70% to 58.73%
INF-15-174	Oasis	Stormwater reuse for irrigation, 3 fountains for aeration in wet ponds, 684 sf (4 parking spaces) in pervious concrete at Amenity Center.
MAS-16-191	Tract C North Port Industrial Park (MTI)	8 Pervious Concrete Stalls, less impervious than allowed
INF-15-153	Dog Park under included Renaissance	Stormwater Harvesting from Lake 3-2
MAS-17-218	Taco Bell at Heron Creek Town Center	Less impervious than allowable, 63.8% vs 94.0%. Florida Friendly Landscaping used
INF-15-153	Renaissance At West Villages	Stormwater Harvesting for irrigation from Lake 5 with recharge well, Impervious area reduced by 8% from allowable
MAS-17-075	Braves Stadium	Stormwater Harvesting for irrigation with recharge from existing borrow pit, grass bioswales, grass parking >2000 spaces,
		fountains
MAS-17-107	Waffle House at Heron Creek Town Center	Less impervious than allowable, 60.6% vs 94.0%. Two grass pretreatment areas before entering master system.
MAS-18-186 MAS-18-081	Heartland Dental West Villages  Lakeside Medical Building	3 Turf block pavers, small grass swale pretreatment area Grass pretreatment floodplain storage areas, 7 pervious concrerte parking stalls
		Pervious Walking Trail 1.5" KBI Flxi-oave HD2000 on 4: of #57 stone on stablized sub base LBR40. Two KBI Permadrive
CIP-19-218	Garden of 5 Senses Walking Trail	Parking Stalls 1.5-inch Permadrive with 4" #57 stone on stablized sub base LBR40
		Inclusion of aerators in lakes
		• Use of pavers on driveways
INF-17-093	Gran Paradiso Phase 5B	Preservation of Native and wetlands vegetation where possible
		Use of Florida Friendly landscaping
		Rear yards swales for extra treatment
INIC 17 217	Cran Paradisa Phase 9	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where
INF-17-217	Gran Paradiso Phase 8	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote
		Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.
INF-17-217 MAS-19-282	Gran Paradiso Phase 8  Chase Bank at West Villages Marketplace	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote
		Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers
MAS-19-282 MAS -18-015 MAS-18-127	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system
MAS-19-282 MAS-18-015 MAS-18-127 INF-17-111	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain
MAS-19-282 MAS -18-015 MAS-18-127	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.
MAS-19-282 MAS-18-015 MAS-18-127 INF-17-111	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3 Hampton Inn & Suites @5664 Tuscola Blvd FIRESTONE STORE #912085 - NORTH PORT	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system
MAS-19-282 MAS-18-015 MAS-18-127 INF-17-111 MAS-18-064	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3 Hampton Inn & Suites @5664 Tuscola Blvd FIRESTONE STORE #912085 - NORTH PORT West Villages Welcome Center	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3 Hampton Inn & Suites @5664 Tuscola Blvd FIRESTONE STORE #912085 - NORTH PORT	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3 Hampton Inn & Suites @5664 Tuscola Blvd FIRESTONE STORE #912085 - NORTH PORT West Villages Welcome Center Florida Cancer Specialists Experience Living at North Port City of North Port Fire Station 86 and Police Station	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs. allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140	Chase Bank at West Villages Marketplace Oasis Amenity Center Tire Kingdom / Coastal Car Wash The Preserve Phase 3 Hampton Inn & Suites @5664 Tuscola Blvd FIRESTONE STORE #912085 - NORTH PORT West Villages Welcome Center Florida Cancer Specialists Experience Living at North Port City of North Port Fire Station 86 and Police Station	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130  INF-20-051	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of pervious pavers)
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130  INF-20-051  INF-19-017	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park  Tortuga	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2. Use of pervious pavers)  Stormwater harvesting for irrigation and paver driveways
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130  INF-20-051  INF-19-017  INF-20-19	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park  Tortuga  Gran Park	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of pervious pavers).  Outilize paver driveways. Irrigation and paver driveways  Utilize paver driveways. Irrigation and paver driveways
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130  INF-20-051  INF-19-017	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park  Tortuga	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2. Use of pervious pavers)  Stormwater harvesting for irrigation and paver driveways
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-20-130  INF-20-051  INF-19-017  INF-20-19  MAS-19-318  MAS-19-318	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park  Tortuga  Gran Park  Palm Port Apartments	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of pervious pavers)  Stormwater harvesting for irrigation and paver driveways  Utilize paver driveways. Irrigation from 2 wet ponds with recharge well. 19 turf block parking stalls.  Multiple grass swale pre-treatment and 10 grass parking
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130  INF-20-051  INF-19-017  INF-20-19  MAS-19-318	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park  Tortuga  Gran Park  Palm Port Apartments  Kenvil Apartments	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of pervious pavers)  Stormwater harvesting for irrigation and paver driveways  Utilize paver driveways. Irrigation will be supplied through reuse provided by the WVID  Stormwater harvesting for irrigation from 2 wet ponds with recharge well. 19 turf block parking stalls.  Multiple grass swale pre-treatment and 10 grass parking
MAS-19-282  MAS-18-015  MAS-18-127  INF-17-111  MAS-18-064  MAS-20-094  MAS-19-035  MAS-20-091  MAS-19-140  MAS-20-130  INF-20-051  INF-19-017  INF-20-19  MAS-19-318  MAS-19-318	Chase Bank at West Villages Marketplace  Oasis Amenity Center  Tire Kingdom / Coastal Car Wash  The Preserve Phase 3  Hampton Inn & Suites @5664 Tuscola Blvd  FIRESTONE STORE #912085 - NORTH PORT  West Villages Welcome Center  Florida Cancer Specialists  Experience Living at North Port  City of North Port Fire Station 86 and Police Station  West Villages Downtown Phase 1 Wellen Park  Tortuga  Gran Park  Palm Port Apartments  Kenvil Apartments  Wellen Park (AKA West Villages) F5, Phase 1a, 1b	Use of pavers on driveways to minimize amount of impervious coverage, preservation of native vegetation where possible, the use of aerators to increase dissolved oxygen in lakes, implementation of rear yard swales to promote additional treatment prior to discharge, and the use of Florida Friendly Landscaping throughout the development.  15 parking stalls in pervious pavers Pave Drain. Runoff to grass swales for pretreatment prior to entering master stormwater system  Grass Swales before entering wet detention pond, 2728 sf pervious pavers  Runoff into two grass retention swales prior to discharge into the master stormwater piping/pond system  Stormwater harvesting for irrigation from Pond 5-1P with recharge well, grass bioswale, fountain  Less impervious than allowable, 77.65% vs allowable 90%. Florida Friendly Landscaping used, stormwater harvesting.  Site approved max 85% impervious, only 64.75% impervious proposed. Vegetated treatment swale used prior to master stormwater system  Pavers proposed at the entrance are set on sand as a pervious pavement.  Several large grass retention pretreatment swales prior to master stormwater system. 64% Impervious area proposed instead of permitted 94%.  Major Grass Swale discharges before entering stormwater pond. Only 20.23% percent impervious proposed when 69% is allowed.  Grass Treatment swales with Catch basins in swales. Aeration bubblers in pond.  1. Stormwater harvesting for irrigation.  2 Use of pervious pavers that are set on shell material rather than concrete (In total, project proposes 25,660 SF of pervious pavers)  Stormwater harvesting for irrigation and paver driveways  Utilize paver driveways. Irrigation from 2 wet ponds with recharge well. 19 turf block parking stalls.  Multiple grass swale pre-treatment and 10 grass parking
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Project number	Project Name	Description
		According to OPI (Office Professional Institutional) zone district, Section 53-94-Maximum
		lot coverage; Buildings can cover up to 50% of available lot area. The current site design
		has a total impervious coverage of 55% (including building, parking, and sidewalks) so
MAS-17-003	Villas of Holly Brook	impervious area was kept at a minimum. Two landscaped gardens are provided between the building and the Cocoplum Waterway. The garden's runoff travels through yard drains
IVIA3-17-003	VIIIas OI HOIIY BIOOK	which are all located in grassed depressions. The larger garden drains to the yard drains
		which then flow into a dry grassed swale before ultimately meeting the dry retention
		pond. The northwest parking lot quadrant was also regraded so the area flows into a
		grassed depression before draining to the dry pond.
MAS-17-038	Wawa - Toledo Blade & Price	Modification of previous Bioswale #3 plus 2 more bioswales increase bioswale volume from 0.03 ac-ft to 0.086 ac-ft.
	Checkers only formerly included Fuzzy Taco at	impervious area is 74.2% compared to allowable 85%. 9 pervious pavement parking stalls  Redevelopment of existing shopping center reduce the impervious area from 39,525.29 SF to 35,962.46 SF. Impervious
MAS-18-047	Shoppes of North Port	area under traffic is reduce by 13,530.00 SF.
MAS-17-221	Gateway at Cocoplum Phase 2 part 1 Texas Road	27 Pervious concrete parking spaces, 5" pervious concrete over 4" #57 stone
	House	
MAS-18-289 INF-19-116	Racetrac At Talon Bay MAS-18-289 Oasis Phase 3	Less impervious than allowable, 65% vs allowable 70%. Run off to long grass swales.  Grass swales for 8 lots before pond
1141 13 110	Oddio i fidacio	The development has been designed to be as compact as possible, minimizing impervious
		areas. Large portions of the roofs are directed to green areas, to disconnect impervious
		areas. In addition, treated stormwater from the site is discharged through the proposed
	K	floodplain compensation pond, such that the discharge must travel through the entire length
	Kenvil Park Apartments MAS-19-090	of the pond prior to leaving the site, which provides additional sediment settling capacity and nutrient assimilation beyond the treatment provided by the effluent filtration system. We
		have also included a floating fountain/aerator in the floodplain compensation pond to
		supplement the available dissolved oxygen supply and to provide an aesthetically pleasing
		visual amenity.
	US41 Linear Parking on Zagrobelny Way on north	
PRE-19-203	side of US41 between North Port Blvd and Espanola	76 pervious concrete parking between North Port Blvd and Espanola on the US 41 North access road
MAC 20 OFF	Ave. North Port Village	Crace protreatment suples
MAS-20-055		Grass pretreatment swales.  Stormwater Reuse and 33 pervious concrete parking stalls, 4" pervous concerete over 4" of sand of subgrade 95% Mod
MAS-20-034	BISCAYNE SQUARE	proctor
INF-20-120	West Villages - Village F-1 Phase 1	Stormwater harvesting for irrigation
INF-20-218	Playmore Drive Extension	Master irrigation system which uses a combination of reuse, stormwater, and groundwater sources for its irrigation water
MAS-20-246	Cedar Grove 2A Amenity Center	Project utilizes stormwater re-use for irrigation. Added depressional areas around several inlets to allow for percolation o
REV-21-053		runoff prior to discharging into the stormwater system
REV-21-U53	Domino's Pizza	Parking directed to grass swale then to two dry retention ponds  Stormwater inflow from adjacent sites and flow from the back of onsite lots has been directed through vegetated swales in
INF-20-048	Central Parc	a number of areas prior to discharging to the onsite ponds to incorporate LID. Additional littoral area was also provided in
		the lakes above what was required
		The Bold and Gold BAM filter media within the pond acts as an low-impact treatment removal design. The cascading rain
CIP-21-007	Warm Mineral Springs Improvements	gardens will provide new treatment for the existing buildings on site and will provide a nice aesthetic and are an
		opportunity for the City to use them as public education on LID techniques.
		Storwater harvesting for irrigation. The owner will also look at utilizing pervious pavers in the parking areas of the future
INF-21-006	Wellen Park (AKA West Villages) F5	Amenity Center as well as the model center parking lot. Rear yard swales have been used as throughout the project in leu
		of concrete pipes where practical.
INF-21-124	Wellen Park Gold and Country Club Phase 1A	Use of pavers in home site driveways to minimize impervious coverage, preservation of native vegetation around the
	·	perimeter, the use of Florida Friendly Landscaping, and stormwater harvesting for irrigation.
MAS-21-152 MAS-21-150	Wysteria Sales & Amenity Center  Heron Creek Lot 7	Pavers. 44% impervious when 80% is allowed.  14 Green Geogrid Pervious Pavement parking stalls
MAS-21-130	Tommy's Carwash at Sundown Lane	The proposed impervious surface area for this project is 58% while the outparcel was originally designed for 85%
		Pavers with a sand bedding have been placed for the vehicular entrance and 2 accessible parking spaces at the porte-
MAS-21-044	Grand Living - Wellen Park	cochere
MAS-21-152	Wysteria Sales & Amenity Center	5,435 sf (0.12 ac) of pervious pavers
INF-21-191	Mezzom extension	Wellen Park has a master irrigation plan in place. The proposed irrigation mains will be
		supplying a combination of stormwater runoff and well water to be used in future developments.  The irrigation source will be stormwater from the ponds and grass swales will be located at the back of lots before runoff
INF-21-209	Village E Detailed design	reaches the stormwater piping system
MAS-21-123	Ace Hardware - West Villages	14 pervious concrete parking area
MAS-21-228	Wellen Park Golf & CC, Phase 1B	Use of pavers in building site driveways to minimize impervious coverage, preservation of native vegetation around the
	·	perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse.
MAS-21-242	Wendys in North Port Commerce Park	Perimeter grass swale that provides pretreatment and 5 pervious concrete parking stalls
MAS-21-187	Solstice Amenity Center	Impervious area was decreased from the design proposed in the SWFWMD permit. All of the parking area runoff will be directed to a vegetated swale prior to discharge into the grate inlet. The stormwater discharge into the lake will be reuse
IVIMJ-21-10/	Solution Amenity Center	for irrigation
MAS-21-193	Stillwell at Wellen Park	Approximately 8150 SF of pavers set on sand around the pool.
MAS-21-267	Heron Creek Lot 3	Grass pretreatment swale prior to master stormwater pond
INF-21-340	Wellen Park Village G Phases 1A 1B 1C 2A & 3	Stormwater harvesting
MAS-21-352	Wellen Park G & CC Phase 1D	Use of pavers in building site driveways to minimize impervious coverage, preservation of native vegetation around the
		perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse  53.85% impervious proposed is much less than the allowable 80% served by the master syste, Grass swale pretreatment
REV-21-359	Southern Self Storage Expansion and RV Parking	provided prior to master system.
MAC 21 272	WD C & CC Colf Course & Mariatanana V	Use of pavers in building site driveways to minimize impervious coverage, preservation of native vegetation around the
MAS-21-373	WP G & CC Golf Course & Maintenance Yard	perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse.
MAS-21-353	WP F5 Substone Amenity Center	4 pervious pavers parking stalls, grass pretreatment swales.
	Aldi - Toledo Blade Resubmittal	11 pervious concrete parking stalls = 5" pervious concrete over 4" of #89 stone, and Florida Friendly native landscaping
MAS-21-309		
MAS-21-309 INF-22-001	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL	Stormwater reuse Stormwater reuse
MAS-21-309	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community	Stormwater reuse Stormwater reuse
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MAS-21-309 INF-22-001 MAS-22-015	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL	Stormwater reuse
MAS-21-309 INF-22-001 MAS-22-015 INF-22-011 MAS-22-030	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL Cedar Grove Phase 3 (FKA Woodlands Parcel E) Dollar General Executive Drive	Stormwater reuse  Stormwater reuse with groundwater recharge Grass pretreatment swale prior to master stormwater pond. 20 Belgard Eco-Holland pervious paver parking Use of pavers in building site driveways to minimize impervious coverage, preservation
MAS-21-309 INF-22-001 MAS-22-015 INF-22-011	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL Cedar Grove Phase 3 (FKA Woodlands Parcel E)	Stormwater reuse  Stormwater reuse with groundwater recharge Grass pretreatment swale prior to master stormwater pond. 20 Belgard Eco-Holland pervious paver parking Use of pavers in building site driveways to minimize impervious coverage, preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and
MAS-21-309 INF-22-001 MAS-22-015 INF-22-011 MAS-22-030 MAS-22-071	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL Cedar Grove Phase 3 (FKA Woodlands Parcel E) Dollar General Executive Drive Wellen Park Golf & Counry Club Amenity Center	Stormwater reuse  Stormwater reuse with groundwater recharge  Grass pretreatment swale prior to master stormwater pond. 20 Belgard Eco-Holland pervious paver parking  Use of pavers in building site driveways to minimize impervious coverage, preservation  of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse. Allowable impervious area is 9.67 ac, proposed impervious is 7.7 ac
MAS-21-309 INF-22-001 MAS-22-015 INF-22-011 MAS-22-030 MAS-22-071 MAS-21-286	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL Cedar Grove Phase 3 (FKA Woodlands Parcel E) Dollar General Executive Drive Wellen Park Golf & Counry Club Amenity Center First Slavic Pentecostal Church Final	Stormwater reuse  Stormwater reuse with groundwater recharge  Grass pretreatment swale prior to master stormwater pond. 20 Belgard Eco-Holland pervious paver parking  Use of pavers in building site driveways to minimize impervious coverage, preservation  of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse. Allowable impervious area is 9.67 ac, proposed impervious is 7.7 ac  The Grass Parking is 0.854-acres and 194 Grass Parking spaces are proposed
MAS-21-309 INF-22-001 MAS-22-015 INF-22-011 MAS-22-030 MAS-22-071 MAS-21-286 MAS-22-052	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL Cedar Grove Phase 3 (FKA Woodlands Parcel E) Dollar General Executive Drive Wellen Park Golf & Counry Club Amenity Center First Slavic Pentecostal Church Final Woodlands Office Park, Resubmittal	Stormwater reuse  Stormwater reuse with groundwater recharge  Grass pretreatment swale prior to master stormwater pond. 20 Belgard Eco-Holland pervious paver parking  Use of pavers in building site driveways to minimize impervious coverage, preservation  of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse. Allowable impervious area is 9.67 ac, proposed impervious is 7.7 ac  The Grass Parking is 0.854-acres and 194 Grass Parking spaces are proposed  10 pervious asphalt parking spaces.
MAS-21-309 INF-22-001 MAS-22-015 INF-22-011 MAS-22-030 MAS-22-071 MAS-21-286	Arbor Oaks FKA Woodlands parcel D RESUBMITTAL Village D Sparrow Active Adult Community RESUBMITTAL Cedar Grove Phase 3 (FKA Woodlands Parcel E) Dollar General Executive Drive Wellen Park Golf & Counry Club Amenity Center First Slavic Pentecostal Church Final	Stormwater reuse  Stormwater reuse with groundwater recharge  Grass pretreatment swale prior to master stormwater pond. 20 Belgard Eco-Holland pervious paver parking  Use of pavers in building site driveways to minimize impervious coverage, preservation  of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse. Allowable impervious area is 9.67 ac, proposed impervious is 7.7 ac  The Grass Parking is 0.854-acres and 194 Grass Parking spaces are proposed

Project number	Project Name	Description
MAS-22-038	MAS Wellen Park Golf & CC Phase 1 E	Use of pavers in building site driveways to minimize impervious coverage, preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse
MAS-22-201	Village K Lakesnur Amenity Center	Much less impervious that in master system design (allowable is 2.08 acres, proposed in 0.98 acres. Pavers in building sit driveways, preservation of native vegetation around the perimeter, and irrigation through stormwater reuse.
MAS-22-202	Village K Everly Amenity Center	Much less impervious that in master system design (allowable is 3.22 acres, proposed in 0.98 acres. Pavers in building sit driveways, preservation of native vegetation around the perimeter, and irrigation through stormwater reuse.
MAS-22-147		Wellen Park master reuse water for irrigation
MAS-22-147	· · · · · · · · · · · · · · · · · · ·	Stormwater reuse.
MAS-22-138		2 pervious concrete parking stalls and perimieter grass pretreatment ponds
MAS-22-218		55 Pervious Concrete parking spaces
MAS-22-238, REV-23- 085,	, and the second	Rain Garden pretreatment area
MAS-23-024	Brightmore Amenity Center	8.8 Acres Impervious allowed, proposed is 5.26 acres
MAS-22-230	• ,	Grass pretreatment swale
INF-23-025	-	Preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse.
IN-23-006	· ·	Irrigation through stormwater reuse in Wellen Park pond 6
MAS-23-071		Preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse
MAS-23-051	Acadia BH Hospital	Irrigation through stormwater reuse with recharge wells
MAS-23-133		Irrigation through stormwater reuse with recharge wells, pervious paver for crosswalks
MAS-23-07		LIDs are used where possible across the site including pavers, grassed areas between units, wider, more frequent parkin lot landscape islands. In addition, the site has over 50% pervious areas, exceeding the 30% minimum requirement
NF-23-194	Toledo Village Spine Road	Irrigation through stormwater reuse with recharge wells
MAS-23-191	9 .	Under the max 75.5% impervious coverage. Twice the amount of required open space is provided in the proposed development. 0.26 AC (20.0%) is required and 0.54 AC (40.9%) is provided.
MAS-23-192	Wellen Park Village E Tract 3 Lot 2	Under the max 75.5% impervious coverage. Almost three times the amount of required open space is provided in the proposed development. 0.30 AC (20.0%) is required and 0.83 AC (56.1%) is provided.
MAS-23-257	Wellen Park FSER	Pervious paver crosswalk, which minimizes initial off-site discharge into Preto Blvd. Vegetated bypass swale
MAS-24-011		Preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse.
MAS-24-024	Wellen Park G & CC Phase 5	Preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse.
MAS-24-043		Irrigation through stormwater reuse with recharge well.
MAS-23-086		Irrigation through stormwater reuse with recharge well.
MAS-24-100		56 perious pavers and grass pretreatment swale
MAS-24-058		13 Pervious Concrete parking stalls
MAS-24-009		Hydrokleen Catch Basin Insert used in all inlets
MAS-24-110	ů .	6acres of the 18.63 acres are preserved in native vegetation
MAS-24-126		9 Pervious Concrete parking spaces
MAS-24-183		Bioswale and stormwater stormwater reuse.
MAS-24-066	Holiday Inn Express	Shallow Pretretment retention pond
REV-24-179		Preservation of native vegetation around the perimeter, the use of Florida Friendly Landscaping, and irrigation through stormwater reuse.
PSDP-24-00000183		Pretreatment with vegetated Swale, reclaimed water for irrigation
PSDP-25-00253		Use of pavers in home site driveways, preservation of native vegetation around the perimeter of the project where possible, use of Florida Friendly Landscaping throughout the development, and the use of stormwater reuse for irrigation
SDP-25-00376	Imagine School at North Port	169 Gravel Parking Spaces, 48 Truegrid permeable parking spaces
SDP-24-00000107	_	4 Pervous Pavers parking spaces
PSDP-25-00232	Wellen Park Fire Station 87	Use of Florida Friendly native landscaping and minimizing impervious area to the extent possible (proposed impervious area less than permitted for this parcel).

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24-04-6174A	8/27/2024	X (unshaded)	LOMA	Structure	19699 Tortuga Cay Drive LOT 12, TORTUGA	3164.8708	0.0727	1		0785090012
24-04-6177A	8/29/2024	X (unshaded)	LOMA	Structure	19744 Tortuga Cay Drive LOT 33, TORTUGA	2951.0000	0.0677	1	information from property appraiser	0785090033
24-04-6178A	9/3/2024	X (shaded)	LOMR-F	Structure	19820 Bridgetown Loop LOT 134, OASIS AT WEST VILLAGES PHASE 1	4493.8959	0.1032	1		0785020134
24-04-6188A	8/30/2024	X (unshaded)	LOMA	Structure	19723 Tortuga Cay Drive LOT 15, TORTUGA	2356.0000	0.0541	1	information from property appraiser	0785090015
24-04-6194A	7/29/2024	X (unshaded)	LOMA	Structure	11075 Balfour Street LOT 78, TORTUGA	3175.9754	0.0729	1		0785160078
24-04-6195A	9/5/2024	X (unshaded)	LOMA	Structure	19731 Tortuga Cay Drive LOT 16, TORTUGA	2014.0000	0.0462	1	information from property appraiser	0785090016
24-046196A	11/25/2024	X (shaded)	LOMA	Structure (Building 65)	12355 Ghiberti Circle BLDG 65, PH 17, COACH HOMES IV AT GRAN PARADISO	7153.7312	0.1642	1		multiple locations
24-04-6197A	11/25/2024	X (shaded)	LOMA	Structure (Building 64)	12365 Ghiberti Circle BLGD 64, PH 16, COACH HOMES IV AT GRAN PARADISO	7153.7434	0.1642	1		multiple locations
24-04-6203A	11/26/2024	X (shaded)	LOMA	Structure (Building 63)	12375 Ghiberti Circle BLGD 63, PH 15, COACH HOMES IV AT GRAN PARADISO	7153.7429	0.1642	1		multiple locations
24-04-6206A	9/6/2024	X (unshaded)	LOMA	Structure	11190 Balfour Street LOT 52, TORTUGA	2787.0852	0.0640	1		0785160052
24-04-6209A	9/6/2024	X (shaded)	LOMA	Structure	20355 Lagente Circle LOT 138, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9310	0.0274		attached units (20353, 20355, 20357, 20359, 20361, 20363, 20365, 20367)	0778111380
24-04-6210A	9/11/2024	X (unshaded)	LOMA	Structure	11155 Balfour Street LOT 71, TORTUGA	2296.9741	0.0527	1		0785160071
24-04-6211A	11/26/2024	X (shaded)	LOMA	Structure (Building 62)	12385 Ghiberti Circle BLDG 62, PH 14, COACH HOMES IV AT GRAN PARADISO	7153.7150	0.1642	1		multiple locations
24-04-6213A	9/6/2024	X (shaded)	LOMA	Structure	20367 Lagente Circle LOT 144, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9310	0.0274	1	attached units (20353, 20355, 20357, 20359, 20361, 20363, 20365, 20367)	0778111440
24-04-6214A	11/26/2024	X (shaded)	LOMA	Structure (Building 61)	12395 Ghiberti Circle BLDG 61, PH 13, COACH HOMES IV AT GRAN PARADISO	7153.7046	0.1642	1		multiple locations
24-04-6215A	9/6/2024	X (shaded)	LOMA	Structure	12851 Cinqueterre Drive LOT 934, GRAN PARADISO, PHASE 6	2902.2704	0.0666	1		0777029340
24-04-6223A	9/3/2024	X (shaded)	LOMA	Structure	20605 Granlago Drive LOT 902, GRAN PARADISO, PHASE 4-C	3353.5198	0.0770	1		0779029020
24-04-6246A	9/3/2024	X (shaded)	LOMA	Structure	20635 Granlago Drive LOT 904, GRAN PARADISO, PHASE 4-C	3267.5571	0.0750	1		0779029040
24-04-6252A	9/3/2024	X (shaded)	LOMA	Structure	12204 Amica Loop LOT 1273, GRAN PARADISO PH 5-B	2376.3186	0.0546	1	attached units (12204, 12216)	0777021273
24-04-6254A	9/3/2024	X (shaded)	LOMA	Structure	20242 Benissimo Drive LOT 685, GRAN PARADISO, PHASE 3	2121.0504	0.0487	1	attached units (20234, 20242)	0780026850

LOWIC Tracking											_
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24-04-6261A	9/10/2024	X (shaded)	LOMA	Structure	20339 Lagente Circle	LOT 136, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9332	0.0274	1	attached units (20325, 20327, 20329, 20331, 20333, 20335, 20337, 20339)	0778111360
24-04-6264A	9/9/2024	X (shaded)	LOMA	Structure	20699 Granlago Drive	LOT 911, GRAN PARADISO, PHASE 4-C	3540.6397	0.0813	1	20337, 20339)	0779029110
24-04-6265A	11/25/2024	X (shaded)	LOMA	Structure (Building 60)	12405 Ghiberti Circle	BLDG 60, PH 12, COACH HOMES IV AT GRAN PARADISO	7153.7159	0.1642	1		multiple locations
24-04-6266A	11/25/2024	X (shaded)	LOMA	Structure (Building 59)	12415 Ghiberti Circle	BLDG 59, PH 11, COACH HOMES IV AT GRAN PARADISO	7153.7149	0.1642	1		multiple locations
24-04-6272A	11/25/2024	X (shaded)	LOMA	Structure (Building 58)	12425 Ghiberti Circle	BLDG 58, PH 10, COACH HOMES IV AT GRAN PARADISO	7153.7114	0.1642	1		multiple locations
24-04-6274A	11/25/2024	X (shaded)	LOMA	Structure (Building 57)	12435 Ghiberti Circle	BLDG 57, PH 8, COACH HOMES IV AT GRAN PARADISO	7153.7106	0.1642	1		multiple locations
24-04-6278A	11/27/2024	X (shaded)	LOMA	Structure (Building 45)	12440 Ghiberti Circle	BLDG 45, PH 9, COACH HOMES AT GRAN PARADISO	7328.9701	0.1683	1		multiple locations
24-04-6279A	11/27/2024	X (shaded)	LOMA	Structure (Building 44)	12450 Ghiberti Circle	BLDG 44, PH 7, COACH HOMES IV AT GRAN PARADISO	7328.9646	0.1682	1		multiple locations
24-04-6280A	9/9/2024	X (shaded)	LOMA	Structure	19649 Fishhawk Trail	LOT 48, TORTUGA	2137.7190	0.0491	1		0785160048
24-04-6281A	11/27/2024	X (shaded)	LOMA	Structure (Building 56)	12455 Ghiberti Circle	BLDG 56, PH 5, COACH HOMES IV AT GRAN PARADISO	7328.9602	0.1682	1		multiple locations
24-04-6282A	11/27/2024	X (shaded)	LOMA	Structure (Building 43)	12460 Ghiberti Circle	BLDG 43, PH 6, COACH HOMES IV AT GRAN PARADISO	7328.9715	0.1683	1		multiple locations
24-04-6284A	11/25/2024	X (shaded)	LOMA	Structure (Building 42)	12470 Ghiberti Circle	BLDG 42, PH 4, COACH HOMES IV AT GRAN PARADISO	7328.9649	0.1682	1		multiple locations
24-04-6287A	11/25/2024	X (shaded)	LOMA	Structure (Building 55)	12475 Ghiberti Circle	BLDG 55, PH 3, COACH HOMES IV AT GRAN PARADISO	7328.9648	0.1682	1		multiple locations
24-04-6292A	11/25/2024	X (shaded)	LOMA	Structure (Building 41)	12480 Ghiberti Circle	BLDG 41, PH 2, COACH HOMES IV AT GRAN PARADISO	7328.9649	0.1682	1		multiple locations
24-04-6295A	9/9/2024	X (shaded)	LOMA	Structure	20561 Saint Kitts Way	LOT 205, PRESERVE AT WEST VILLAGES PHASE 3	2332.0224	0.0535	1	attached units (20561, 20567 non removal)	0777010205
24-04-6303A	11/27/2024	X (shaded)	LOMA	Structure (Building 54)	12485 Ghiberti Circle	BLDG 54, PH 1, COACH HOMES IV AT GRAN PARADISO	7328.9632	0.1682	1		multiple locations
24-04-6307A	9/9/2024	X (shaded)	LOMA	Structure	12216 Amica Loop	LOT 1274, GRAN PARADISO PH 5-B	2376.3186	0.0546	1	attached units (12204, 12216)	0777021274
24-04-6310A	11/26/2024	X (shaded)	LOMA	Structure (Building 30)	12600 Ghiberti Circle	BLDG 30, PH 18, COACH HOMES IV AT GRAN PARADISO	7281.3076	0.1672	1		multiple locations
24-04-6317A	9/3/2024	X (shaded)	LOMA	Structure	20725 Benissimo Drive	LOT 1326, GRAN PARADISO, PHASE 8	3168.9249	0.0727	1		0778021326
24-04-6318A	9/3/2024	X (shaded)	LOMA	Structure	20350 Lagente Circle	LOT 225, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9314	0.0274	1	attached units (20344, 20346, 20348, 20350, 20352, 20354, 20356, 20358)	0778112250

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24-04-6331A	9/4/2024	X (shaded)	LOMA	Structure	12355 Amica Loop	LOT 1173, GRAN PARADISO PH 5-B	2130.7857	0.0489	1	attached units (12355, 12349)	0777021173
24-04-6333A	9/19/2024	X (unshaded)	LOMA	Structure	19664 Tortuga Cay Drive	LOT 25, TORTUGA	2906.6103	0.0667	1		0785090025
24-04-6335A	9/4/2024	X (shaded)	LOMA	Structure	20428 Lagente Circle	LOT 195, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9336	0.0274	1	attachedunits (20426, 20428, 20430, 20432, 20434, 20436, 20438, 20440)	0778111950
24-04-6385A	9/5/2024	X (shaded)	LOMA	Structure	12881 Cinqueterre Drive	LOT 937, GRAN PARADISO, PHASE 6	3274.3619	0.0752	1		0777029370
24-04-6389A	9/5/2024	X (shaded)	LOMA	Property	12880 Basilica Drive	LOT 1302, GRAN PARADISO PHASE 8	9800.0000	0.2250	1		0778021302
24-04-6419A	9/9/2024	X (shaded)	LOMA	Structure	20750 Granlago Drive	LOT 921, GRAN PARADISO, PHASE 4-C	3561.0616	0.0818	1		0779029210
24-04-6436A	9/6/2024	X (shaded)	LOMA	Structure	20325 Lagente Circle	LOT 129, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9332	0.0274	1	attached units (20325, 20327, 20329, 20331, 20333, 20335, 20337, 20339)	0778111290
24-04-6438A	9/6/2024	X (shaded)	LOMA	Structure	20370 Lagente Circle	LOT 216, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9324	0.0274	1	attached units (20362, 20364, 20366, 20368, 20370, 20372, 20374, 20376)	0778112160
24-04-6449A	9/23/2024	X (unshaded)	LOMA	Structure	19712 Tortuga Cay Drive	LOT 30, TORTUGA	2951.0000	0.0677	1	information from property appraiser	0785090030
24-04-6476A	9/9/2024	X (shaded)	LOMA	Structure	20693 Granlago Drive	LOT 910, GRAN PARADISO	3572.2606	0.0820	1		0779029100
24-04-6496A	9/19/2024	X (unshaded)	LOMA	Structure	19512 Fishhawk Trail	LOT 85, TORTUGA	2035.8890	0.0467	1		0785160085
24-04-6500A	9/10/2024	X (shaded)	LOMA	Structure	12300 Canavese Lane	LOT 1019, GRAN PARADISO, PHASE 6	2966.2152	0.0681	1		0777021019
24-04-6501A	9/10/2024	X (shaded)	LOMA	Structure	12655 Canavese Lane	LOT 591, GRAN PARADISO, PHASE 2-F	2582.7976	0.0593	1		0777025910
24-04-6513A	9/30/2024	X (unshaded)	LOMA	Structur	19765 Fishhawk trail	LOT 40, TORTUGA	2951.0000	0.0677	1	information from property appraiser	0785090040
24-04-6514A	11/22/2024	X (shaded)	LOMA	Structure	12247 Amica Loop	LOT 1191, GRAN PARADISO PH 5-B	2477.5570	0.0569	1	attached units (12241, 12247)	0777021191
24-04-6518A	10/3/2024	X (unshaded)	LOMA	Structur	11055 Balfour Street	LOT 80, TORTUGA	2653.0045	0.0609	1		0785160080
24-04-6520A	9/13/2024	X (shaded)	LOMA	Structure	20377 Lagente Circle	LOT 145, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9320	0.0274	1	attached units (20377, 20379, 20381, 20383, 20385, 20387, 20389, 20391)	0778111450
24-04-6523A	10/7/2024	X (unshaded)	LOMA	Structure	19667 Tortuga Cay Drive	LOT 8, TORTUGA	3210.4615	0.0737	1		0785090008
24-04-6525A	10/9/2024	X (unshaded)	LOMA	Structure	19705 Fishhawk Trail	LOT 45, TORTUGA	251.0000	0.0058	1		0785090045
24-04-6526A	10/30/2024	X (unshaded)	LOMA	Structure	11060 Balfour Street	LOT 65, TORTUGA	2517.6003	0.0578	1		0785160065

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24-04-6544A	9/11/2024	X (shaded)	LOMR-F	Structure	11436 Montserrat Drive	LOT 80, OASIS AT WEST VILLAGES PHASE 1	3784.9512	0.0869	1		0785020080
24-04-6557A	9/18/2024	X (unshaded)	LOMR-F	Structure	3309 Froude Street	LOTS 23 & 24 BLK 525 11TH ADD TO PORT CHARLOTTE	4822.0000	0.1107	2	information from property appraiser	0965052523
24-04-6658A	9/16/2024	X (shaded)	LOMA	Structure	12255 Canavese Lane	LOT 1038, GRAN PARADISO, PHASE 6	2778.9217	0.0638	1		0777021038
24-04-6774A	2/3/2025	X (shaded)	LOMA	Structure	12283 Amica Loop	LOT 1185, GRAN PARADISO PHASE 5-B	2160.3000	0.0496	1	attached unit 12283-12277	0777021185
24-04-6870A	9/9/2024	X (shaded)	LOMA	Structure	20765 Swallowtail Court	LOT 71, PRESERVE AT WEST VILLAGES PHASE 1	3101.7813	0.0712	1		0777010071
24-04-6821A	9/20/2024	X (shaded)	LOMA	Structure	12409 Amica Loop	LOT 1164, GRAN PARADISO PH 5-B	2366.2701	0.0543	1	attached units (12409, 12415)	0777021164
24-04-6828A	9/23/2024	X (shaded)	LOMR-F	Structure	11400 Montserrat Drive	LOT 78, OASIS AT WEST VILLAGES PHASE 1	3226.3334	0.0741	1		0785020078
24-04-6878A	9/23/2024	X (shaded)	LOMA	Structure	20383 Lagente Circle	LOT 148, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9320	0.0274	1	attached units (20377, 20379, 20381, 20383, 20385, 20387, 20389, 20391)	0778111480
24-04-6888A	9/23/2024	X (shaded)	LOMA	Structure	20335 Lagente Circle	LOT 134, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9332	0.0274	1	attached units (20325, 20327, 20329, 20331, 20333, 20335, 20337, 20339)	0778111340
24-04-6987A	9/23/2024	X (shaded)	LOMA	Structure	20359 Lagente Circle	LOT 140, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9310	0.0274	1	attached units (20353, 20355, 20357, 20359, 20361, 20363, 20365, 20367)	0778111400
24-04-6991A	9/25/2024	X (shaded)	LOMA	Structure	12398 Amica Loop	LOT 1291, GRAN PARADISO PH 5-B	2414.0849	0.0554	1	attached units (12398, 12404)	0777021291
24-04-7014A	9/5/2024	X (unshaded)	LOMA	Structure	19560 Fishhawk Trail	LOT 89, TORTUGA	2073.7151	0.0476	1		0785160089
24-04-7023A	9/25/2024	X (shaded)	LOMA	Structure	12895 Basilica Drive	LOT 1306, GRAN PARADISO, PHASE 8	2947.9211	0.0677	1		0778021306
24-04-7037A	10/28/2024	X (shaded)	LOMA	Structure	20564 Benissimo Drive	LOT 65, TORTUGA	3699.8071	0.0849	1		0778021358
24-04-7082A	11/6/2024	X (shaded)	LOMR-F	Structure	11413 Montserrat Drive	LOT 8, OASIS AT WEST VILLAGES PHASE 1	3882.5778	0.0891	1		0785020008
24-04-7083A	11/4/2024	X (shaded)	LOMA	Structure	12207 Canavese Lane	LOT 1030, GRAN PARADISO, PHASE 6	2662.6621	0.0611	1		0777021030
24-04-7107A	10/28/2024	X (shaded)	LOMA	Structure	12780 Cinqueterre Drive	LOT 940, GRAN PARADISO, PHASE 6	3010.8757	0.0691	1		0777029400
24-04-7136A	11/22/2024	X (shaded)	LOMR-F	Structure	11353 Montserrat Drive	LOT 13, OASIS AT WEST VILLAGES PHASE 1	3919.0155	0.0900	1		0785020013
24-04-7146A	10/30/2024	X (shaded)	LOMA	Structure (Building 29)	20211 Ragazza Circle	COACH HOMES I AT GRAN PARADISO PH 15 BLDG 29	6686.6547	0.1535	1		multiple locations
24-04-7203A	10/31/2024	X (shaded)	LOMA	Structure	12421 Cinqueterre Drive	LOT 990, GRAN PARADISO, PHASE 6	2551.3662	0.0586	1		0777029900

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24-04-7228A	11/5/2024	X (shaded)	LOMA	Structure	20515 Granlango Drive	LOT 892, GRAN PARADISO, PHASE 4-C	3553.8693	0.0816	1		0780028920
24-04-7238A	11/27/2024	X (shaded)	LOMA	Structure	20589 Benissimo Drove	LOT 1317, GRAN PARADISO, PHASE 8	3842.2905	0.0882	1		0778021317
24-04-7329A	9/17/2024	X (unshaded)	LOMA	Structure	19625 Fishhawk Trail	LOT 50, TORTUGA	2076.3475	0.0477	1		0785160050
24-04-7331A	12/26/2024	X (unshaded)	LOMA	Structure	19768 Tortuga Cay Drive	LOT 36, TORTUGA	2951.0000	0.0677	1	information from property appraiser	0785090036
24-04-7337A	12/26/2024	X (unshaded)	LOMA	Structure	11115 Balfour Street	LOT 74, TORTUGA	2213.3627	0.0508	1		0785160074
24-04-7352A	12/5/2024	X (shaded)	LOMA	Structure	20585 Granlago Drive	LOT 901, GRAN PARADISO, PHASE 4-C	3555.5550	0.0816	1		0779029010
24-04-7371A	10/31/2024	X (shaded)	LOMA	Structure	12115 Firewheel Place	LOT 40, PRESERVE AT WEST VILLAGES PHASE 1	2337.5893	0.0537	1	attached units (12111, 12115)	0777010040
24-04-7398A	11/12/2024	X (unshaded)	LOMA	Structure	19668 Fishhawk Trail	LOT 98, TORTUGA	2878.1154	0.0661	1		0785160098
24-04-7399A	11/26/2024	X (unshaded)	LOMA	Structure	19764 Fishhawk Trail	LOT 106, TORTUGA	2633.0000	0.0604	1	information from property appraiser	0785090106
24-04-7403A	12/20/2024	X (unshaded)	LOMA	Structure	11090 Balfour Street	LOT 62, TORTUGA	3140.7834	0.0721	1		0785160062
24-04-7405A	9/24/2024	X (shaded)	LOMA	Structure	12079 Amica Loop	LOT 1219, GRAN PARADISO PH 5-B	2171.7844	0.0499	1	attached units (12073, 12079)	0777021219
24-04-7430A	11/12/2024	X (unshaded)	LOMA	Structure	11180 Balfour Street	LOT 53, TORTUGA	2528.5897	0.0580	1		0785160053
24-04-7431A	10/31/2024	X (shaded)	LOMA	Structure	12420 Cinqueterre Drive	LOT 985, GRAN PARADISO, PHASE 6	2157.9718	0.0495	1		0777029850
24-04-7432A	11/12/2024	X (unshaded)	LOMA	Structure	11125 Balfour Street	LOT 73, TORTUGA	3156.9738	0.0725	1		0785160073
24-04-7440A	11/12/2024	X (unshaded)	LOMA	Structure	19787 Tortuga Cay Drive	LOT 23, TORTUGA	2014.0000	0.0462	1	information from property appraiser	0785090023
24-04-7487A	11/1/2024	X (shaded)	LOMA	Structure	12410 Cinqueterre Drive	LOT 986, GRAN PARADISO, PHASE 6	2882.7153	0.0662	1		0777029860
24-04-7501A	11/15/2024	X (shaded)	LOMA	Structure	12611 Cinqueterre Drive	LOT 1009, GRAN PARADISO, PHASE 6	2761.3451	0.0634	1		0777021009
24-04-7503A	11/12/2024	X (shaded)	LOMA	Structure	21032 Fetterbush Place	LOT 130, PRESERVE AT WEST VILLAGES PHASE 2	2322.7114	0.0533	1	attached units (21032, 21038)	0777010130
24-04-7533A	12/13/2024	X (shaded)	LOMA	Structure	6270 Falcon Lair Drive	LOT 10, BLK A, TALON BAY UNIT 2	2827.4600	0.0649	1		0792010061
24-04-7563A	11/4/2024	X (unshaded)	LOMA	Structure	5848 Kumquat Avenue	LOT 6 BLK 607 18TH ADD TO PORT CHARLOTTE	2507.0000	0.0576	1	information from property appraiser	0967060706

Case No.	Status As of 11/4/16 FIRMs	Flood Zone Effective 11/4/16	Туре	Status Prior to 11/4/16	Development	Unit, Phase, Address				Comment	
24-04-7575A	11/13/2024	X (shaded)	LOMA	Structure	12580 Garibaldi Lane	LOT 1252, GRAN PARADISO PH 5-B	2454.1007	0.0563	1	attached units (12580, 12588)	0777021252
24-04-7623A	10/30/2024	X (shaded)	LOMA	Structure	20705 Granlago Drive	LOT 912, GRAN PARADISO, PHASE 4-C	3750.7749	0.0861	1		0779029120
24-04-7714A	11/4/2024	X (shaded)	LOMA	Structure	12240 Canavese Lane	LOT 1025, GRAN PARADISO, PHASE 6	3031.5270	0.0696	1		0777021025
24-04-7771A	10/31/2024	X (shaded)	LOMA	Structure	5389 Ocarina Road	LOT 29 BLK 1426 29TH ADD TO PORT CHARLOTTE	1823.9165	0.0419	1		0954142629
24-04-7809A	11/1/2024	X (shaded)	LOMA	Structure	20804 Swallowtail Court	LOT 87, PRESERVE AT WEST VILLAGES PHASE 1	2692.3061	0.0618	1		0777010087
24-04-7863A	11/18/2024	X (shaded)	LOMA	Structure	20414 Lagente Circle	LOT 199, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9335	0.0274	1	attached units (20404, 20406, 20408, 20410, 20412, 20414, 20416, 20418)	0778111990
24-04-7962A	11/12/2024	X (shaded)	LOMA	Structure	12940 Basilica Drive	LOT 1300, GRAN PARADISO, PHASE 8	3576.4926	0.0821	1		0777021300
24-04-8006A	11/18/2024	X (shaded)	LOMA	Structure	20549 Trattoria Loop	LOT 1363, GRAN PARADISO, PHASE 8	2233.3557	0.0513	1		0777021363
24-04-8043A	11/12/2024	X (shaded)	LOMA	Structure	12292 Canavese Lane	LOT 1020, GRAN PARADISO, PHASE 6	2600.3820	0.0597	1		0777021020
24-04-8045A	11/4/2024	X (shaded)	LOMA	Structure	20720 Granlago Drive	LOT 924, GRAN PARADISO, PHASE 4-C	3583.1921	0.0823	1		0779029240
25-04-0093A	11/8/2024	X (shaded)	LOMA	Structure	12880 Cinqueterre Drive	LOT 928, GRAN PARADISO, PHASE 6	2862.8567	0.0657	1		0777029280
25-04-0150A	11/12/2024	X (shaded)	LOMA	Structure	12260 Canavese Lane	LOT 1024, GRAN PARADISO, PHASE 6	2998.3671	0.0688	1		0777021024
25-04-0323A	11/21/2024	X (shaded)	LOMA	Structure	12850 Cinqueterre Drive	LOT 931, GRAN PARADISO, PHASE 6	2614.7514	0.0600	1		0777029310
25-04-0411A	11/19/2024	X (shaded)	LOMA	Structure	12267 Canavese Lane	LOT 1040, GRAN PARADISO, PHASE 6	3009.0114	0.0691	1		0777021040
25-04-0497A	11/22/2024	X (shaded)	LOMA	Structure	20510 Granlago Drive	LOT 868, GRAN PARADISO, PHASE 4-C	3578.2103	0.0821	1		0780028680
25-04-0513A	12/6/2024	X (shaded)	LOMA	Structure	12890 Cinqueterre Drive	LOT 927, GRAN PARADISO, PHASE 6	2958.5650	0.0679	1		0777029270
25-04-0537A	12/6/2024	X (shaded)	LOMA	Structure	21050 Fetterbush Place	LOT 127, PRESERVE AT WEST VILLAGES PHASE 2	2322.7114	0.0533	1	attached units (21044, 21050)	0777010127
25-04-0661A	12/12/2024	X (shaded)	LOMR-F	Structure	19305 S West Villages Parkway	TRACT 101, MAIN STREET RANCHLANDS PLAT NO 3	11356.0000	0.2607	1	multiple buildings	0784081000
25-04-0685A	12/13/2024	X (shaded)	LOMA	Structure	20401 Lagente Circle	LOT 155, GRAN PARADISO TOWNHOMES PHASE 1B	1194.9320	0.0274	1	attached units (20397, 20399, 20401, 20403, 20405, 20407, 20409, 20411)	0778111550
25-04-0698A	12/13/2024	X (shaded)	LOMA	Structure	12225 Canavese Lane	LOT 1033, GRAN PARADISO, PHASE 6	2885.0899	0.0662	1		0777021033

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25-04-0711A	1/17/2025	X (Shaded)	LOMA	Structure	20237 LaGente Circle	Lot 53, GRAN PARADISO, TOWNHOMES 1A	1191.2500	0.0273	1		0778020530
25-04-0722A	12/16/2024	X (shaded)	LOMA	Structure (Residence)	12201 Canavese Lane	LOT 1029, GRAN PARADISO, PHASE 6	3002.1847	0.0689	1		0777021029
25-04-0724A	12/16/2024	X (shaded)	LOMA	Structure	12403 Amica Loop	LOT 1165, GRAN PARADISO PH 5-B	2366.2701	0.0543	1	attached units (12397, 12403)	0777021165
25-04-0739A	12/31/2024	X (shaded)	LOMA	Structure	20451 Lagente Circle	LOT 177, GRAN PARADISO TOWNHOMES PHASE 1B	1282.8276	0.0294	1	attached units (20447, 20449, 20451, 20453, 20455, 20457)	0778111770
25-04-0824A	12/17/2024	X (shaded)	LOMR-F	Structure (Residence)	19627 Tortuga Cay Drive	LOT 3, TORTUGA	2899.7357	0.0666	1		0785160003
25-04-0848A	12/16/2024	X (shaded)	LOMA	Structure	12370 Canavese Lane	LOT 1011, GRAN PARADISO, PHASE 6	2713.7856	0.0623	1		0777021011
25-04-0892A	12/16/2024	X (shaded)	LOMA	Structure	20460 Granlago Drive	LOT 873, GRAN PARADISO, PHASE 4-C	3558.5900	0.0817	1		0780028730
25-04-0896A	12/16/2024	X (shaded)	LOMA	Property	20680 Granlago Drive	LOT 851, GRAN PARADISO, PHASE 4-C	8500.0000	0.1951	1		0779028510
25-04-0908A	11/13/2024	X (shaded)	LOMA	Structure	20598 Saint Kitts Way	LOT 210, PRESERVE AT WEST VILLAGES PHASE 3	2370.6952	0.0544	1	attached units (20598, 20604)	0777010210
25-04-0942A	11/22/2024	X (unshaded)	LOMA	Structure	19632 Fishhawk Trail	LOT 95, TORTUGA	2699.0039	0.0620	1		0785160095
25-04-0971A	2/27/2025	X (shaded)	LOMA	Structure	21038 Fetterbush Place	LOT 129, PRESERVE AT WEST VILLAGES PHASE 2	2108.0000	0.0484	1	attached to 21032	0777010129
25-04-0984A	11/20/2024	X (unshaded)	LOMA	Structure	19716 Fishhawk Trail	LOT 102, TORTUGA	2281.0000	0.0524	1	information from property appraiser	0785090102
25-04-1042A	12/23/2024	X (Shaded)	LOMA	Structure	20710 Saluti Place	LOT 848, GRAN PARADISO, PHASE 4-C	3580.1024	0.0822	1		0779028480
25-04-1057A	12/23/2024	X (Shaded)	LOMA	Structure	12950 Basilica Drive	LOT 1299, GRAN PARADISO PHASE 8	3576.4825	0.0821	1		0777021299
25-04-1079A	12/20/2024	X (Shaded)	LOMA	Structure	20500 Granlago Drive	LOT 869, GRAN PARADISO, PHASE 4-C	3629.6209	0.0833	1		0780028690
25-04-1083A	12/23/2024	X (Shaded)	LOMA	Structure	20730 Granlago Drive	LOT 923, GRAN PARADISO, PHASE 4-C	3529.2942	0.0810	1		0779029230
25-04-1092A	12/23/2024	X (Shaded)	LOMA	Property	12520 Cinqueterre Drive	LOT 965, GRAN PARADISO, PHASE 6	8272.0000	0.1899	1		0777029650
25-04-1104A	12/23/2024	X (Shaded)	LOMA	Property	20675 Granlago Drive	LOT 907, GRAN PARADISO, PHASE 4-C	9011.0000	0.2069	1		0779029070
25-04-1153A	12/23/2024	X (Shaded)	LOMA	Structure	12241 Amica Loop	LOT 1192, GRAN PARADISO PH 5-B	2477.5570	0.0569	1	attached units (12241, 12247)	0777021192
25-04-1232A	11/26/2024	X (shaded)	LOMA	Structure	12625 Canavese Lane	LOT 588, GRAN PARADISO, PHASE 2-F	2556.6706	0.0587	1		0777025880

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25-04-1254A	1/27/2025	X (shaded)	LOMA	Structure	20757 Benissimo Drive	LOT 1330, GRAN PARADISO PHASE 8	3294.0000	0.0756	1		0778021330
25-04-1278A	1/10/2025	X (shaded)	LOMA	Structure	12309 Canavese Lane	LOT 1047, GRAN PARADISO, PHASE 6	2998.0741	0.0688	1		0777021047
25-04-1280A	1/10/2025	X (shaded)	LOMA	Property	20760 Granlago Drive	LOT 920, GRAN PARADISO, PHASE 4-C	8116.0000	0.1863	1		0779029200
25-04-1364A	2/13/2025	X (Unshaded)	LOMR-F	Structure	3751 Johannesberg Road	LOT 26, BLOCK 1778 PORT CHARLOTTE, THIRTY FOURTH ADDITION	3334.0000	0.0765	1		1140177826
25-04-1460A	1/13/2025	X (shaded)	LOMA	Property	12700 Cinqueterre Drive	LOT 948, GRAN PARADISO, PHASE 6	8441.0000	0.1938	1		0777029480
25-04-1547A	1/13/2025	X (shaded)	LOMA	Structure	20720 Saluti Place	LOT 847, GRAN PARADISO, PHASE 4-C	3518.8315	0.0808	1		0779028470
25-04-1561A	1/21/2024	X (shaded)	LOMA	Property	20290 Benissimo Drive	LOT 679, GRAN PARADISO, PHASE 3	5775.0000	0.1326	1	attached units 20290-20282	07800026790
25-04-1562A	1/21/2024	X (shaded)	LOMA	Property	20298 Benissimo Drive	LOT 678, GRAN PARADISO, PHASE 3	5736.0000	0.1317	1		0780026780
25-04-1563A	1/27/2024	X (shaded)	LOMA	Structure	20290 Lagente Circle	LOT 252, GRAN PARADISO, TOWNHOMES 1B	1160.7500	0.0266	1		077811250
25-04-1592A	1/27/2025	X (shaded)	LOMA	Structure	12605 Canavese Lane	LOT 586, GRAN PARADISO, PHASE 2-F	2104.0000	0.0483	1		0777025860
25-04-1663A	1/22/2025	X (shaded)	LOMA	Structure	20296 Lagente Circle	LOT 249, GRAN PARADISO, TOWNHOMES 1B	1191.2500	0.0273	1	20296 attached units 20290 thru 20304	0778112490
25-04-1687A	1/30/2025	X (shaded)	LOMR-F	Property	20417 Benissimo Drive	LOT 173, GRAN PARADISO, PHASE 1	5348.0000	0.1228	1	attached units 20417-20409	0780021730
25-04-1763A	1/31/2025	X (shaded)	LOMA	Structure (Residence)	20240 Lagente Circle	LOT 75, GRAN PARADISO, TOWNHOMES 1A	1185.7500	0.0272	1	20240 attached to 20238, 20236, 20234, 20232, 20230, 20228, and 20226	0778020750
25-04-1778A	2/3/2025	X (shaded)	LOMA	Structure	20730 Saluti Place	LOT 846, GRAN PARADISO PHASE 4-C	3156.8000	0.0725	1		0779028460
25-04-1780A	12/30/2024	X (Unshaded)	LOMA	Structure	12213 Canavese Lane	LOT 1031, GRAN PARADISO, PHASE 6	2906.2638	0.0667	1		0777021031
25-04-1788A	1/31/2025	X (shaded)	LOMA	Structure	20050 Benissimo Drive	LOT 709, GRAN PARADISO, PHASE 3	2140.1000	0.0491	1	attached units 20050-20042	0780027090
25-04-1809A	2/3/2025	X (shaded)	LOMA	Structure	20657 Trattoria Loop	LOT, 1380, GRAN PARADISO, Phase 8	3350.3700	0.0769	1		0777021380
25-04-1841A	2/3/2025	X (shaded)	LOMA	Property	12571 Cinqueterre Drive	LOT 1005, GRAN PARADISO, PHASE 6	6640.0000	0.1524	1		0777021005
25-04-1866A	3/7/2025	X (shaded)	LOMA	Structure	20740 Saluti Place	LOT 845, GRAN PARADISO, PHASE 4-C	3294.0000	0.0756	1		0779028450
25-04-1885A	1/6/2025	X (Unshaded)	LOMA	Structure	19728 Tortuga Cay Drive	LOT 32, TORTUGA	2633.0000	0.0604	1	information from property appraiser	0785090032

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25-04-1906A	2/18/2025	X (shaded)	LOMR-F	Property	20450 Benissimo Drive	LOT 186, GRAN PARADISO PHASE 1	5746.0000	0.1319	1	Townhome attached to 20442 Benissimo	0778021860
25-04-1985A	2/28/2025	X (shaded)	LOMA	Structure	20567 Saint Kitts Way	LOT 206, PRESERVE AT WEST VILLAGES, PHASE 3	2108.0000	0.0484	1	Townhome attached to 20561	0777010206
25-04-2039A	2/18/2025	X (shaded)	LOMA	Structure	20234 Benissimo Drive	LOT 686, GRAN PARADISO PHASE 3	2170.0000	0.0498	1	Townhome attached to 20242 Benissimo	0780026860
25-04-2079A	3/6/2025	X (shaded)	LOMR-F	Portion of Property	11511 & 11611 Mezzo Dr.	LOT 5A & 5B WELLEN PARK VILLAGE E TRACT 5 REPLAT	416884.0000	9.5703	2		0786060111 0786060110
25-04-2160A	3/18/2025	X (unshaded)	LOMR-F	Property	1345 Sorrell Way	LOT 47 CYPRESS FALLS PHASE 2E	2938.0000	0.0674	1		1116120047
25-04-2193A	2/25/2025	X (shaded)	LOMA	Property	20711 Granlago Drive	LOT 913, GRAN PARADISO PHASE 4-C	8084.0000	0.1856	1		0779029130
25-04-2231A	2/26/2025	X (shaded)	LOMA	Property	20445 Granlago Drive	LOT 886, GRAN PARADISO PHASE 4-C	8573.0000	0.1968	1		0780028860
25-04-2232A	2/26/2025	X (shaded)	LOMA	Property	20197 Lagente Circle	LOT 33, GRAN PARADISO TOWNHOMES 1A	4190.0000	0.0962	1	Townhome attached to 20199, 20201, 20203, 20205, 20207	0778020330
25-04-2273A	2/27/2025	X (shaded)	LOMA	Property	20245 Lagente Circle	LOT 56, GRAN PARADISO TOWNHOMES 1A	2401.0000	0.0551	1	TH attached 20243, 20247, 20249, 20251, 20253	0778020560
25-04-2274A	2/27/2025	X (shaded)	LOMA	Property	20223 Lagente Circle	LOT 46, GRAN PARADISO TOWNHOMES 1A	4176.0000	0.0959	1	TH attached 20221, 20219, 20217, 20215, 20213, 20211, 20209.	0788020460
25-04-2338A	3/3/2025	X (shaded)	LOMA	Property	12451 Cinqueterre Drive	LOT 993, GRAN PARADISO PHASE 6	6960.0000	0.1598	1		0777029930
25-04-2538A	3/10/2025	X (shaded)	LOMA	Property	12313 Amica Loop	LOT 1180, GRAN PARADISO PHASE 5-B	5863.0000	0.1346		attached townhome to 12319 Amica Loop	0777021180
25-04-2540A	3/12/2025	X (shaded)	LOMA	Property	12397 Amica Loop	LOT 1166 GRAND PARADISO PHASE 5-B	5299.0000	0.1216	1	attached townhome to 12403 Amica Loop	0777021166
25-04-2604A	3/11/2025	X (shaded)	LOMA	Property	20231 Lagente Circle	LOT 50 GRAN PARADISO TOWNHOMES 1A	2400.0000	0.0551	1	attached TH add. 20225, 20227, 20229, 20233, 20235, 20237, and 20239	0778020500
25-042620A	3/11/2025	X (shaded)	LOMA	Property	20227 Lagente Circle	LOT 48, GRAN PARADISO TOWNHOMES 1A	2403.0000	0.0552	1	attached TH add. 20225, 20231, 20229, 20233, 20235, 20237, and 20239	0778020480
25-04-2638A	3/11/2025	X (shaded)	LOMA	Structure	12049 Amica Loop	LOT 1224 GRAN PARADISO PHASE 5-B	2181.0000	0.0501	1	TownHome attached to 12055 Amica Loop	0777021224
25-04-2646A	3/11/2025	X (shaded)	LOMA	Property	12219 Canavese Lane	LOT 1032, GRAN PARADISO PHASE 6	7295.0000	0.1675	1		0777021032
25-04-2709A	3/13/2025	X (shaded)	LOMA	Structure	12243 Canavese Lane	LOT 1036, GRAN PARADISO PHASE 6	2633.0000	0.0604	1		0777021036
25-04-2754A	3/14/2025	X (shaded)	LOMA	Structure	20274 Lagente Circle	LOT 61 GRAN PARADISO TOWNHOMES 1A	2351.0000	0.0540	1	Attached TH to 20272, 20270, 20268, 20266,20264	0778020610
25-04-2763A	3/17/2025	X (shaded)	LOMA	Structure	12249 Canavese Lane	LOT 1037 GRAN PARADISO PHASE 6	2633.0000	0.0604	1		0777021037

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25-04-2796A	3/17/2025	X (shaded)	LOMA	Structure	12367 Amica Loop	LOT 1171 GRAN PARADISO PHASE 5-B	2161.0000	0.0496	1	TH attached to 12361	0777021171
25-04-2812A	3/19/2025	X (shaded)	LOMA	Structure	20387 Lagente Circle	LOT 150 GRAN PARADISO TOWNHOMES 1B	2357.0000	0.0541	1	TH attached 20391, 20389, 20385, 20383, 20381, 20379, and 20377	0778111500
25-04-2878A	3/19/2025	X (shaded)	LOMA	Structure	20438 Lagente Circle	LOT 190 GRAN PARADISO TOWNHOMES 1B	2357.0000	0.0541	1	TH attached to 20440, 20436, 20434, 20432, 20430, 20428, and 20426	0778111900
25-04-3355A	3/11/2025	X (unshaded	LOMA	Structure	11110 Balfour Street	LOT 60, TORTUGA	2633.0000	0.0604	1		0785160060
25-04-3407A	3/13/2025	X (unshaded	LOMA	Structure	19692 Fishhawk Trail	LOT 100, TORTUGA	2581.0000	0.0593	1		0785160100
							1191.2500	0.0273			
Yellow lines are LOMCs	to add to GIS										
	LOMRs in Anth	ony Hopkins perio	d 4/24/2019 to 3	/24/2020 property ai	nd structures removed			3.66	58		

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### **City of North Port**

### **Grant Assessment Form**



### **Project Overview**

Project Title: CONP Watershed Master Plan Date: 02/11/2025

Address or Location of Project: City of North Port

**Department:** DS

**Department Point of Contact for Application:** Stefan Kalev

**Department Point of Contact Title:** Natural Resources Manager **Point of Contact Phone:** 941-429-7033

Type of Grant: Other

Total Cost of Project: \$375,000 Grant Request Amount: \$300,000

City Cost Share Amount: \$75,000

If Multi-year, Cost Per Year: Year 1: N/A Year 2: N/A Year 3: N/A

**Description of Project:** This funding would be used to create a Watershed Management Plan for the City of North Port which in turn will provide the city with a watershed tool that can be used to make decisions based on the plan to reduce flooding of roadways and existing properties, minimize cost to the city and property owners, protect lives and public health, and preserve natural floodplain function within the city.

### **Staff to be Assigned to Work on the Project**

**Department Project Coordinator:** Stefan Kalev

**Project Coordinator Title:** Natural Resources Manager

**Department:** DS

**Department Financial Contact:** 

**Financial Contact Title:** 

**Department: DS** 

Assigned Grant Coordinator from City Manager's Office: Jennifer Sadonis

### **Grant Information (to be Completed by Grant Division)**

**Grant Program Name:** FDEM Hazard Mitigation Grant Program - Watershed Planning Program

**Grant Application Deadline:** 02/28/2025

**General Purpose of Grant Program:** The Watershed Planning Program, funded through the Hazard Mitigation Grant Program (HMGP), as approved by FDEM and the Federal Emergency Management Agency (FEMA), has the purpose of funding Watershed Master Plans (WMP) or Stormwater Master Plans (SWMP) throughout the State of Florida. According to the Community Rating System (CRS) Coordinator's Manual "the objective of watershed master planning is to provide the communities within a watershed with a tool they can use to make decisions that will reduce the increased flooding from development on a watershed-wide basis."



## City of North Port Grant Assessment Form



**Grant Type:** Federal **Are Matching Funds Required?** Yes

If yes, amount or percentage required by the Grant: \$75,000 (25%)

**Special Requirements:** Must follow all Federal, State, and local procurement & reimbursement guidelines. After a subgrant is awarded and completed, FDEM will require participating communities to submit their completed WMP and/or SWMP to the LMS Working Group to adopt and include as an annex to the LMS Plan. Additionally, all WMP shall be submitted to potentially receive CRS credit.

Has the City Applied for This Grant Previously: No

### **Budget Information**

Will this Grant Project be part of an Existing or New Capital Improvement Project? No If yes, CIP Project Name and Year: N/A

List type and source of available funds, cost share/match (i.e., account number, amount, in-kind donation, land value, other). Must list where matching funds are coming from here, including account number.

Identify the year these funds will be available: Need this

PLEASE NOTE - IF THE PROJECT IS ALREADY FUNDED, DUPLICATION OF BENEFITS IS NOT ALLOWED

Does the grant application involve purchasing land, facilities, or equipment individually valued over \$5,000? No

If yes, Please List: N/A

List any Future Costs Related to Grant Project including Maintenance, on-going Contractual Costs, Replacement Costs, or any other Operating Costs. Also, Please Describe how this Project will be Sustainable. N/A

**Does this Grant Fund any Staff Positions?** No **If Yes, List the position and the Number of Each:** N/A

### Sustainability

Does the Grant Involve the City being a Pass-Through Entity to a Subrecipient(s): No

Does the Grant Require Partner Agency Participation (MOU): No

**Describe how the Project Aligns with the Strategic Priorities of the City:** This grant aligns with formal guidelines set by the Sarasota County Unified Local Mitigation Strategy and the City of North Port Floodplain Management Plan.

Please Describe how the Project Aligns with the Department/Division Mission and Goals:



### **City of North Port**

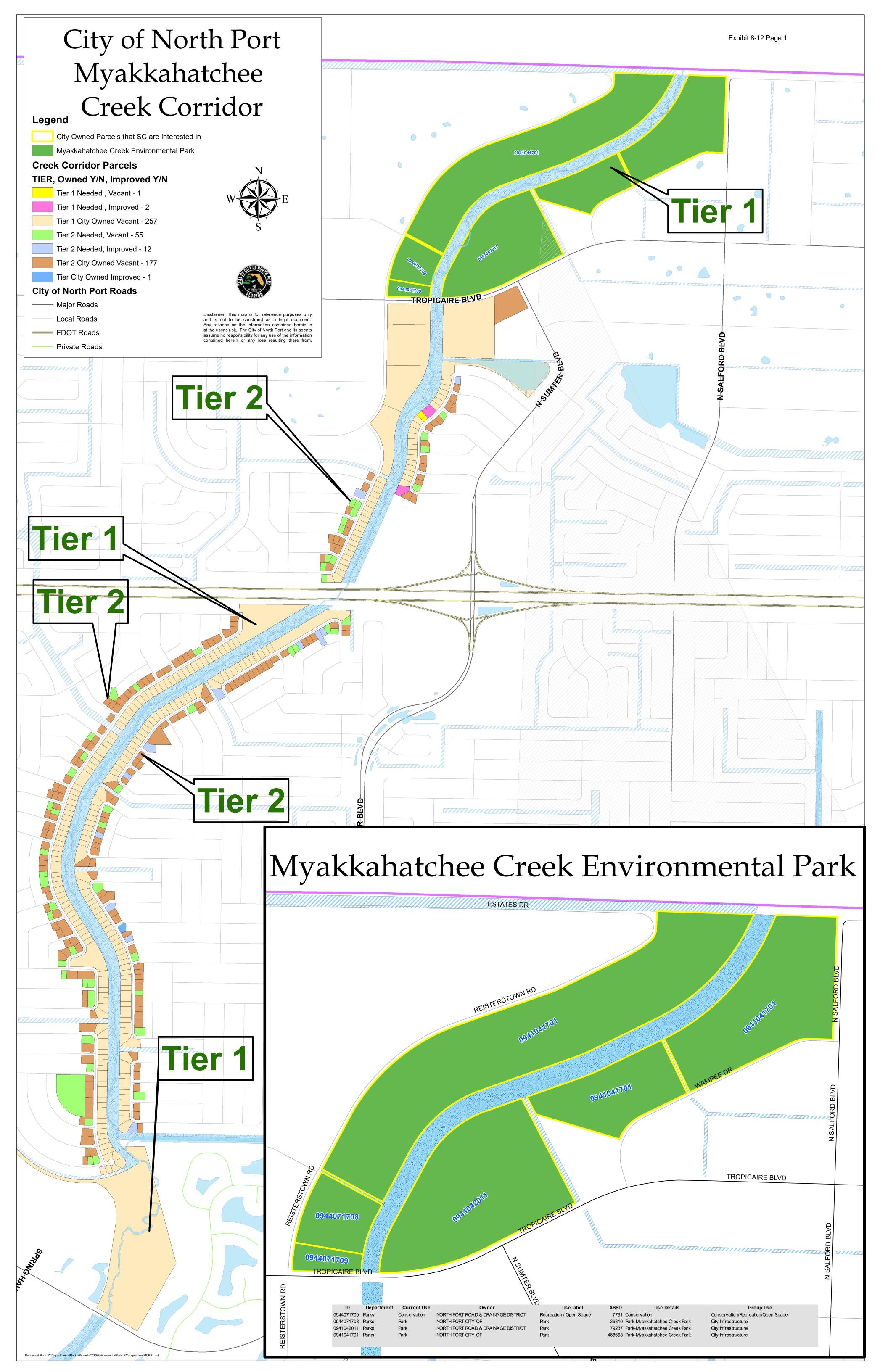
### **Grant Assessment Form**

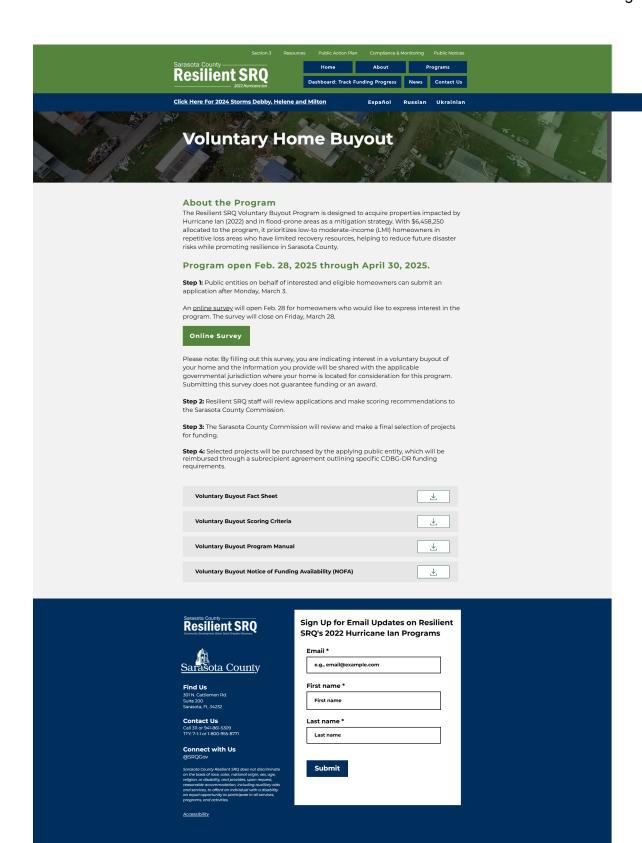
The mission of Development Services pertaining to floodplain management is to safeguard the public health, safety, and general welfare and to minimize public and private losses due to flooding.

### Signatures for Review

Title	Signature	Date
Department Director		
Grant Division Coordinator		
Grant Division Manager		
Finance		
Assistant City Manager		
City Manager		

To be Completed by Grant Division:			
Grant Success Prescore Ranking: High	Medium	_Low	







Elevate Florida is a first-of-its-kind, groundbreaking statewide residential mitigation program. Led by the Florida Division of Emergency Management (FDEM), this program is designed to protect homes and communities by reducing damage caused by natural disasters like hurricanes and floods.

### **Benefits For Property Owners**

Elevate Florida expedites the process and completes a resident's mitigation project the following ways:



May reduce insurance premiums



Can increase property value



With only a cost-share up to 25 percent, much of the project cost is covered



Enjoy end-to-end assistance, from application to construction, including contractor services, temporary housing support, and Americans with Disabilities Act (ADA) accommodations

### **Property Owner Eligibility**

To become a potential customer of the Elevate Florida program, applicants must:



Be over 18



Be a U.S. citizen



Contribute a portion of the project's total cost



Be the legal property owner of a residential property in the State of Florida

Multi-family real estate such as duplexes, triplexes, condos, townhomes, semi-detached homes, apartments and manufactured homes may be eligible.

### **Eligible Projects**



### **Structure Elevation**

Physically raising an existing structure.



### **Mitigation Reconstruction**

The construction of an improved, elevated building on the same site where an existing building and/or foundation has been partially or completely demolished or destroyed. These activities result in the construction of code-compliant and hazard-resistant structures. Mitigation Reconstruction is the alternative to Structure Elevation when the structure is not sound enough to elevate, as determined during application review.



### **Acquisition/Demolition**

A structure is purchased from voluntary sellers and demolished, to be maintained by the local community as open space. The local community must agree to participate in this project type.



### **Wind Mitigation**

Measures that reduce the risk of future wind damage to structures. This may include alterations to roofs, windows, doors, and other vulnerable components of structures.

### **Application**

Create an account and complete the application on the Elevate Florida Portal at fdem-resmit.my.site.com/Elevate/.

For questions, technical support, or application assistance, submit a "Contact Us" form at the Elevate Florida Portal or email **info@elevatefl.org**. You can also call the contact center Mon-Fri, 7 a.m.-7 p.m. EST at **877-ELEV8FL** (**877-353-8835**).

### **Project Timeline**

Timelines vary based on project type, with some projects taking up to two years. There are five stages with estimated time periods of:



The property does not need to have experienced flooding or damage in the past to be considered. However, applications may be prioritized based on history of loss.

### **Funding and Cost-share**

Federal grant funding will cover at least 75 percent of the project cost, meaning property owners only need to invest up to 25 percent—a significant savings.

- Property owners will be required to provide up to 25 percent of initial inspection costs prior to inspections being completed.
- The total construction cost for each property will be determined during the initial review period based on factors such as project type, square footage of living space, foundation and construction type, and any necessary project activities.
- Approved property owners will receive a detailed breakdown of their construction cost-share and will have time to decide if they would like to move forward with the project's next phase.
- The cost-share will also include relocation expenses during construction, meaning the program will pay at least 75 percent of these expenses.

For more information, visit the **Elevate Florida Portal** and view our frequently asked questions.

#### **Public Outreach Activities**

Event	CRS 10 Topics Covered	Brochure Type	Date of Event	Amount Available	Date Remaining Brochures Counted	Amount Remaining	Amount of Flyers Given	Water Quality Protection Flyers	Flood Info. Flyers	No. of Participants (flood Related)	No. of Participants (Water Quality	Neighbor hood Presentat ion	Public Displays on Water Quality	School Presenta tion on Water	Seminar/ Workshop on Water Quality	Special Event on Water Quality	City Staff
Atwater and Cranberry Earth Day celebrations			4/20/24			<del>                                     </del>	-	,		600	Related) 600	4	4	Quality 1			Chelea Buell attended
North Port Newcomer's Day at North Port Library,		Fertilizer Fact Sheet	5/4/24	14	5/5/24	10	4	4		000	000	7	7			1	Shelea Duell alleriueu
discuss water quality issues with newcommers		Flood Information 10 Topics Flyer		12 6		6	6		6								
Leadership North Port Government and Economic Development		1 1000 1110 1710	5/10/24	Ü						10	10	1					E. Wong disussed water quality and flood protection
Hurricane Seminar for the neighborhood of Talon Bay			5/9/24							26		1					Stacy Aloisio, Emergency Manager, Mike Nevarez, Deputy Emergency Manger, Jane Akins, Community Outreach. Hurricane Preparedness, including the differences between the FEMA Flood map and evacuation maps. We also went to the City website and walked through how residents could access the FEMA flood maps and locate their flood zone
Presentation at GMAC Summer Camp			7/24/24							203	203		3	1			RRuscitti did school presentation on water quality and flood protection
Presentation at MFC Summer Camp										30	30		3	1			RRuscitti did school presentation on water quality and flood protection
Presentation at MFC Summer Camp (Natural Resources at Teen Xtreme)			6/24/24								40						Natural Resources Division staff educated the children on topics such as Florida flora and fauna, natural ecosystems, habitat impacts, microscope use, and tree pruning and removal demosntration. Water quality was also briefly mentioned. There were environmental trivia games and a Q&A part.
Presentation at GMAC Summer Camp			6/26/24								140						Natural Resources Division staff educated the children on topics such as Florida flora and fauna, natural ecosystems, habitat impacts, microscope use. There were environmental trivia games and a Q&A part.
Shop Local North Port Market		Fertilizer	8/31/2024	5			5				5					1	Stefan Kalev talked to 5 residents and gave out brochure
International Coastal Cleanup	l .	Flood Information 10 Topics Flyer	9/21/24	50		t	40	40	40	45	45	1				<u> </u>	RRuscitti did a presentation on
·		Flood Info FAQ	9/21/24	50			40	40	40		40	'					water quality and flood protection
Halloween, Trick or Treat	All 10	Flood Information 10 Topics Flyer Flood Info FAQ	10/25/24	500		0	500			5000			1				RR hosted booth and gave a presentation on Flood
	Points	I lood illio I AQ	.0,20,24	500		0	500			5000			1				Information. Also talked about
																	fertilizers usage.
Lamarque Elementary Fall Festival			11/4/24	150			150	50		1000	1000		1	1			Ryan setup a tic-tac-toe game for educational purposes
City of North Port Newcomer Day		Flood Info FAQ &Top 10 Topics Brochures	2/1/25	30			30	30	30	75	75						Ryan P and Shanell B met with new residents to city resources and avail. flood information
North Port Friends of Wildlife at NP High		Flood Brochures top 10 and FAQ along with NPU Brochure	2/28/25	10			10	10	10	10	10						and avail. flood information Stefan K, Shanell B, and Joe M met with residents and distrubuted Flood, water quality and environmental brichures.
Shop Local North Port Farmers Market		Flood Brochures top 10 and FAQ along with NPU Brochure	3/8/25	25			25	25	25	25	25						Jeremy R distributed environmental, water quality and flood brichures and fieled questions.
Total of All Activities				1352		18	1309	199	155	11998	2183	7	13	4		-	
TOTAL OF ALL ACTIVITIES		<u>l</u>		1352	l	10	1309	199	155	11998	2183		13	4	1		

Water Quality Related Activity
Flood Related Activity
Both Related Activities



Homes outside of North Port Utilities' service area utilize well and septic systems rather than municipal water and sewer. Though the process to handle wastewater through a septic system is different, the rules are very similar for keeping both systems working efficiently and without blockages.

#### **Think Before You Flush**

Materials such as flushable and non-flushable wipes, fats, oils, grease, diapers, feminine hygiene products, diapers, plastics, cigarette butts, and kitty litter should be placed in the TRASH, not the toilet. These items can clog pipes and cause costly repairs.

#### Don't Compound the Problem

Using septic tank cleaning compounds or harsh chemical cleaners can impair the tank's efficiency and may inhibit the septic system from functioning properly.

#### Garbage In, Garbage Out

Kitchen scraps and coffee grounds placed in your garbage disposal add extra waste loading to the system. Put them in the trash or compost.

#### Have your septic tank inspected every 2 or 3 years and

pump out sludge as recommended.





## Waste Less Water, Enjoy North Port More!

### **PROTECT & CONSERVE**

Everyone wants clean, fresh, quality water, The choices you make today can

help conserve our natural resources and prevent pollutants from entering North Port's waterways and drinking water supply in the future.

By being aware of and abiding by the restrictions on watering, fertilizing, and disposing of waste, you can help protect our environment. Let's all do our part to be "Water Smarter!"

### **Watering Restrictions**

The City of North Port encourages all City residents to conserve water by making the best use of this valuable resource. As part of our effort to make every drop count, the City has watering restrictions in place to minimize wasteful use.

### **Lawn Watering**

Addresses ending in even numbers water Thursday and/or Sunday before 10:00 a.m. or after 4:00 p.m. Addresses ending in odd numbers water Wednesday and/or Saturday before 10:00 a.m. or after 4:00 p.m.

#### **Important Notes:**

- No watering between 10 a.m. and 4 p.m.
- New lawns and plants: 60 day establishment period remains in effect. For the first 30 days, new plantings may be watered any day of the week. During days 31-60, watering is restricted to every other day. Even numbered addresses water on Tuesday, Thursday, and Sunday. Odd numbered addresses water on Monday, Wednesday, and Saturday.
- Landscape Watering: Hand-watering and micro-irrigation of plants (other than lawns) can be done on any day at any time, as needed.
- Reclaimed Water: Watering remains subject to voluntary watering hours, unless blended with another source. The City encourages reclaimed users to take appropriate measures to eliminate wasteful use, and to follow the guidelines as listed above.

### **Fertilizer Ordinance**

The City of North Port discourages the use of fertilizer year-around.

The City of North Port's Fertilizer Ordinance has a restricted period of April 1 through September 30 each year which **prohibits use of nitrogen and phosphorus fertilizer on turf**, but landscape plants can still be fertilized with fertilizer containing 50% or more slow release nitrogen. In the period after September 30 and before April 1, fertilizing of both turf and landscape plants are allowed.

The City recognizes that fertilizers from many sources can enter into our waterways and may contribute to algal blooms including the Florida red tide organism, Karenia brevis, which has caused widespread detrimental effect along the coastal communities. These nutrient pollutants can affect the regional watershed, and the City of North Port desires to be part of a regional effort to improve water quality. Water quality is critical to the Charlotte Harbor estuarine system and watershed. It is also critical to the City of North Port's environmental, economic, and recreational prosperity and to the health, safety and welfare of the citizens of the City.

### **Keep Fertilizer Away from Waterways!**

If you must utilize fertilizer, maintain at least a 10-food unfertilized buffer around creeks, waterways, ponds, and ditches. Don't apply fertilizer past the top of bank. This will prevent the fertilizer from directly entering the waterway.

### Know Where It Flows Exhibit 8-13 Page 3

Did you know rainwater flows over your yard and into roadside swales that lead to 79 miles of waterways in North Port? The Cocoplum Waterway and Myakkahatchee Creek are our primary drinking water sources. Rain can wash garbage, oil and grease spills, fertilizers, pesticides, and animal waste into our waterways.

#### **Pet Waste - Poo-lution!**

The average waste matter from a dog contains over 5 million particles of fecal bacteria. When it rains, that bacteria can be washed into our waterways - our drinking water source! Eww! When you consider that a typical dog excretes about 1/2 lb of solid waste a day, and there are around 49,000 dogs in Sarasota County, that's about 12 tons!

Also, consider that dog poop can transmit parasites such as hookworms, roundworms, tapeworms, and ringworm! These parasite eggs can survive for years in your yard!

One more thing. Pet waste releases nitrogen which feeds algae blooms, which deplete light and oxygen from our waters - killing both beneficial aquatic grass and fish.



### Poop Happens, Pick It Up!

Utilize pet waste bags to pick up after your pet. North Port Utilities offers these fun bag dispensers to the public at special events in the City as well as at their City Hall Cashiering office and Field Operations office. (While supplies last.)







### Flood Insurance



Requirement: Federal law requires flood insurance for properties in SFHA with federally backed mortgages.

·Coverage: Ensure your policy covers building contents and has adequate coverage limits. ·Discounts: North Port is a CRS Class 5 community, providing 25% discount for properties within SFHA and 10% discount for properties outside SFHA.

Contact: NFIP at (800) 427-4661. Note the 30-day waiting period for new policy coverage.

### Special Flood Hazard Area (SFHA)

·Causes of Flooding: Heavy rains, tropical systems, and coastal storm surges.
·Flood Zones: FEMA Flood Insurance Rate Maps (FIRMs) show SFHA areas as flood zone AE with a 1% risk of flooding during a 100-year storm event.

·Affected Areas: Myakkahatchee Creek, Myakka River, retention ditches, and canals. Past flooding has affected roadways in North Port Estates and areas near 175.

### **Stay Notified**



·Alerts: Enroll in "Alert Sarasota County" notification system.

·Weather Updates: Tune into local TV and radio channels or purchase a NOAA weather alert radio.

·Flood Warnings: Check the City's website for creek water levels and anticipated flooding.



### Flood Information



Site Visits: Schedule a visit to assess drainage concerns at (941) 240-8050 or <a href="mailto:pwcustservice@northportfl.gov">pwcustservice@northportfl.gov</a>.

Flood Map Revisions: Call FEMA at (877) 336-2627

Other Assistance: Contact Matt Clemens (Floodplain Administrator) at (941) 429-7059 or mclemens@northportfl.gov.

Stay safe and prepared!

### FLOOD PROTECTION INFORMATION



**Natural Resources Division** 

## Natural Functions of Floodplains

Floodplains provide habitat for wildlife, store and move floodwaters, recharge groundwater, and maintain surface water quality. The City preserves floodplain property to protect the watershed.

### Flood Safety Tips

- -Emergency: Call 911 if lives are in danger. -Power Outage: Call FPL at (800) 468-8243.
- ·Avoid Flooded Areas: Do not drive or walk through flooded areas.
- ·Watch for Hazards: Be alert for animals, harmful insects, broken glass, nails, and gas leaks.
- ·Evacuation: Know your route and fill your gas tank.

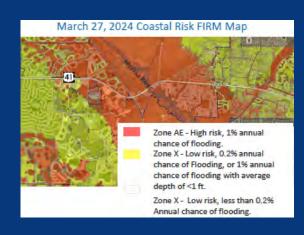
### Flood Protection Measures

- ·Insurance: Keep your flood insurance policy up-to-date.
- ·Retrofit: Install storm shutters, reinforced garage doors, and elevate air handlers, electrical boxes, and water heaters. Drainage: Report problems to Public Works Customer Service at (941) 240-8050



## Finding Your Flood Zone

·FIRMs: Access flood maps on the City's webpage or FEMA's website.
·Contact: City Staff for construction techniques and flood insurance requirements at (941) 429-7059 or FEMA at (877) 336-2627.



# Drainage System Maintenance

No Dumping: Do not dump anything into canals, ditches, inlets, or streams.
Report Blockages: Contact Public Works
Customer Service at (941) 240-8050.

### Floodplain Development Permitting

- ·Permits: Required for any development to verify no impact on other properties or floodplains.
- ·Report Illegal Development: Contact the City's Compliance Division.

#### News, Newsletters, Social Media Public Outreach

Date	Description	No. of Distribution	Water Quality	Flood Related	Comments
2024 Newslette	ers, News Releases, Mailers, Social Media				
4/15/2024	CNP Community Newsletter on Fertilizer restriction begins April 1	4155	4155		
4/15/2024	CNP Community Newsletter on Flood map changes	4155		4155	
8/14/2024	CNP Community Newsletter on Fertilizer restriction begins April 1	3477	3477		
8/14/2024	CNP Community Newsletter on Flood Protection	3477		3477	
10/22/2024	CommUNITY Newsletter Stormwater FAQs	9852		9852	
12/16/2024	CommUNITY Newsletter: Water Control Structure ribbon-cutting	9852	9852		
2/28/2025	CommUNITY Newsletter: Elevate Florida Program	10452		3327	
3/12/2025	CommUNITY Newsletter: Elevate Florida Program	10608		3912	
2024 Social Me	dia				
5/6/2024	Hurricane prep - flood insurance	1617		1617	
8/4/2024	Floodwater danger	2753		2753	
8/6/2024	Stormwater update after Debby	8894		8894	
12/16/2024	Stormwater education	2328		2328	
1/9/2024	Only flush the 3 Ps	98704	98704		
2/10/2025	Nextdoor Elevate Florida Post	879		879	
2/10/2025	Facebook Flood Awareness Week Know ur FlodZone	3032		3032	
2/11/2025	Facebook Flood Awareness Week Flood Insurance	5906		5906	
2/12/2025	Facebook Flood Awareness Week Flood Safety	2437		2437	
2/13/2025	Facebook Flood Awareness Week Protecting Your Property	1112		1112	
2/14/2025	Facebook Flood Awareness Week Flood Building Regulations	2761		2761	
2/15/2025	Facebook Flood Awareness Week Natural Floodplain Functions	7618	7618	7618	
2/16/2025	Facebook Flood Awareness Week Elevate Florida Program	1048		1048	
2/28/2025	Nextdoor Elevate Florida Application Assistance	1928		1928	
3/4/2025	Nextdoor Elevate Florida Application Assistance	1902		1902	
2024 YouTube					
	North Port Now HHW and Floodplains Podcast You Tube	32		32	
	Flood Maps Flood Information Podcast You Tube	99		99	
24-25 totals		199,078	123,806	69,069	

### Exhibit 8-16 Page 2

Webpage Name	No of Hits 9 No	of Hits 1 N	o of Hits 1 N	lo. of Hits (V	later Quality	Flood Related
Flood Information	423	993	1782	95		95
FEMA Flood Map Updates	1222	3696	4605	37,897		37,897
Is My Property in a Flood Zone?	543	1308	2716	13,245		13,245
1981/1984 FEMA Flood Maps	251	598	392	404		404
Elevation Certificates	102	384	337	2,667		2,667
Community Rating System (CRS) & Flood Insurance	43	75	171	186		186
Flood Warning	15	197	355	4,727		4,727
Environmental Services	219	400	631	1,367	1,367	1367
Storm Water Management	Unknown *	464	636	3,192	3,192	3192
Scoop The Poop				193	193	
Fertilizer Ordiannce				389	389	
Total Hits 2024	2818	8115	11625	64,362	4752	63780

Enter data on yellow hightligthed cells

Exhibit 8-13 Page 3

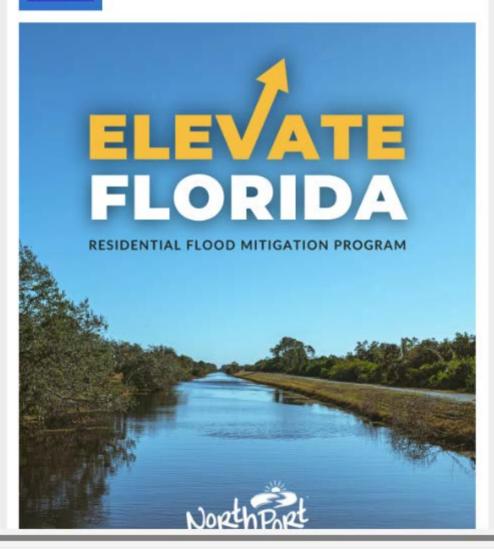
## See if you qualify for residential flood mitigation

The Florida Division of Emergency Management has launched Elevate Florida, the first-ever Statewide Residential Mitigation Program!

This program is designed to protect homes and communities by reducing damage caused by natural disasters like hurricanes and floods.

Eligible projects: Structure elevation, mitigation reconstruction, acquisition/demolition and wind mitigation.

Learn more





### August 4, 2024 – Hurricane Debby After Action Report





### **Incident Description**

Hurricane Debby was a Tropical Storm that paralleled Sarasota County's Coast on August 4, 2024, before making landfall as a Category 1 Hurricane in Florida's Big Bend on August 5th. As a result of this paralleling storm, the City of North Port received 7.26 inches of rain, resulting in ponding in roads throughout the City. Storm surge caused water levels in the Myakka River near North Port to rise to 3.81 feet above mean higher high water, causing water intrusion to residential structures and water rescues by North Port Fire Rescue.

Additional rainfall in the watershed North of the City created a concern for additional riverine flooding. The Myakka River crested at 10.22 feet, bordering major flood stage, on August 10, before slowly returning back to normal levels.

### **Pre-Impact Coordination (August 2-August 4)**

#### **Federal Coordination**

North Porth Emergency Management coordinated with the National Weather Service and National Hurricane Center for the most updated information regarding the storm. This information determined the posture of the City regarding activation of the Emergency Operations Center and execution of emergency plans. Since the storm would be offshore, and not have much impact inland, it was determined that the City would activate to a Level 2 – heightened monitoring, and have response resources on stand-by in the event they needed to be mobilized.

#### **State Coordination**

There was limited coordination needed with the State pre-storm for Hurricane Debby. Coordination with the State was done primarily by Sarasota County and information was disseminated to the City by the County.

### **County Coordination**

The City of North Port coordinated with Sarasota County partners to ensure our messaging was consistent and clear to residents regarding the risks to the City. Postures regarding activation level, closures, and local states of emergency (Attachment A) were also aligned with the County. It was determined the night of impact that there would be no City or County closures, and that trach pick-up would occur as normal. Both Emergency Operations Centers were activated to level two, based on the forecast and current ground saturation levels.



### **Departmental Coordination**

### Communication

 Emergency Management coordinated with the Communications Division and the Department of Public Works regarding messaging to the Public about the City's stormwater conveyance system, "Turn around, don't drown," and family storm preparations.

### **Freshwater Monitoring**

 The Department of Public Works provided information regarding water levels to Emergency Management for planning purposes. Levels in the canals throughout the City had the capacity take in the predicted rainfall (up to 8 inches) without significant impacts to the City. The City planned for ponding in the roads, but did not expect any water intrusion into structures within North Port.

### **Staging of Resources**

 North Port Fire Rescue had resources pre-staged strategically throughout the City in the event water rescues were needed. This was out of an abundance of caution, as there was no significant impacts expected within the City.

### **Impact (August 4)**

Emergency Management continued to coordinate with partners, including the National Weather Service, Sarasota County, and North Port departments. Emergency Management and Fire Rescue continued to monitor windspeeds closely, but winds never reached the sustained Tropical Storm force threshold for pulling responders off the roads., This allowed staff to drive through the City and monitor impacts to vulnerable areas. This onsite monitoring of conditions allowed staff to discover an area off Appamatox Drive that normally does not experience ponding, but was retaining water, which indicated a blockage in the system that Public Works was able to fix before conditions worsened.

While the City did not receive substantial impacts, Sarasota County received over 16 inches of rain, most of which was within a twelve hour period, which resulted in freshwater flooding. North Port Fire Rescue provided mutual aid to heavily impacted areas in Sarasota County near North Port, specifically in neighborhoods along the



Myakka River. These calls were due to Myakka River rise due to rainfall impacting some homes in unincorporated Sarasota.

### Post-Impact (August 5-10)

The morning of Monday, August 5<sup>th</sup>, the City determined it would close operations and declare a local state of emergency to be in alignment with the County, and in consideration to impacted members of the public and employees living in more heavily impacted areas outside the City. Unfortunately, this last-minute decision resulted in a late notification to the Public and City employees. In addition, trash pick-up needed to continue as usual while the landfill was closed. This created a few issues:

- Members of the Public were concerned about Public Works employees on the road picking up trash when the rest of the City was closed, and
- 2. The County closed the landfill, so the trash would need to remain in the trucks until the next day when the landfill re-opened.

Due to the amount of rainfall that occurred north of the City, there was concern that water making its way down the Myakka River would result in greater impacts to the City. Emergency Management coordinated with the North Port Police Department drone team on August 6-10 to get images of the areas of Hidden River and the Big Slough to monitor water movement along Northern portions of the river as the water made its way towards the City. These images were provided to the County and to North Port Public Works for documentation and planning for potential impacts.

The City also coordinated with the National Weather Service's River Forecasting Office to determine what potential impacts the City could experience as the water made its way down the watershed. It was predicted that the Myakka River would crest in North Port on August 10<sup>th</sup> reaching moderate (near major) flood stage at 10.2 feet (Attachment B). A messaging campaign was coordinated within the City to get messaging out to areas along the Myakka that could be impacted by River flooding ahead of the 10<sup>th</sup>. Flyers (Attachment C) were distributed to the Lake Geraldine and Warm Mineral Springs areas to ensure that all impacted had the information necessary to prepare. In addition, messaging was pushed out on social media for City-wide communications. North Port resources were pre-staged near the Myakka River and U.S. 41 in preparation for water rescues.



August 5, 2024 - Hurricane Debby AAR

On August 10<sup>th</sup>, the North Port Emergency Operations Center was activated to a Level 2 to provide resource and communications assistance as the Myakka River begad to crest. Fortunately, there were minimal impacts to the City, and North Port was able to return to normal operations that afternoon.



### Improvement plan

Issue/Area for Improvement	Corrective Action	Primary Responsible Organization	Organization POC	Start Date	Completion Date
1. Staff and the Public were not given timely notification of City closures.	Avoid last-minute decisions to close the City by having a policy group meeting the night before. If it is determined that the City will close, messaging will go out that night. This will be added to the City Time Delineated Schedule.	Emergency Management	Stacy Aloisio	9/1/2024	5/31/2025
2. The County did not communicate the closure of the landfill until it was too late for the city to cancel trash pick-up.	Emergency Management will work with the County during touch base discussions to ensure timely communications about County closures. The City Manager will also gather information on the County Constitutional call.	Emergency Management/ City Manager	Stacy Aloisio	9/1/2024	9/1/2024 (Complete)



### Attachment A – State of Emergency



### City of North Port

### ADMINISTRATIVE DECLARATION OF FIRST EXTENSION OF THE STATE OF LOCAL EMERGENCY PURSUANT TO ORDINANCE NO. 2024-29

WHEREAS, on August 1, 2024, pursuant to Florida Statutes Chapter 252, Governor DeSantis issued Executive Order number 24-156, as amended on August 2, 2024 through Executive Order number 24-157, declaring a state of emergency in fifty-four counties, including Sarasota County; directing the Division of Emergency Management to execute the State's Comprehensive Emergency Management Plan; and authorizing each political subdivision within the State of Florida, pursuant to Florida Statutes Section 252.38(3)(a), to waive certain procedures and formalities otherwise required by law that are in the interest of the public health, safety, and welfare; and

WHEREAS, Florida Statutes Section 252.38(3)(a) gives authority to public subdivisions to declare and enact a state of local emergency for a period of up to seven (7) days and to take certain measures that are in the interest of the public health, safety, and welfare; and

WHEREAS, on August 4, 2024, the City Commission of the City of North Port, Florida declared a state of emergency due to the threat of Tropical Story Debby (now Hurricane Debby); and

WHEREAS, Ordinance No. 2024-29 conferred on the City Manager or designee the power and authority set forth in Florida Statutes Section 252.38(3)(a); and

**WHEREAS**, the impact of Hurricane Debby poses an immediate and present danger to the public health, safety, or welfare to the City of North Port, Florida, and its residents, thereby warranting the extension of this state of local emergency.

THEREFORE, IN HIS EMERGENCY AUTHORITY, THE CITY MANAGER OF THE CITY OF NORTH PORT, FLORIDA DECLARES:

- 1. The state of local emergency related to Hurricane Debby is extended as permitted by law and authorized by Ordinance No. 2024-29.
- 2. By this declaration, the City of North Port invokes the emergency management powers granted to it pursuant to Section 252.38, Florida Statutes, its adopted emergency management plan, and all related Executive Orders of the Governor of the State of Florida.
- 3. By this declaration, the City Manager invokes all powers and authority granted to him or his designee in Ordinance No. 2024-29.

Page 1 of 2



### August 5, 2024 - Hurricane Debby AAR

This declaration is effective at 10:00 a.m. on August 12, 2024 and remains in effect until it expires by operation of law or until the emergency conditions no longer exist as determined by the City Manager.

A. JEROME FLETCHER II, ICMA-CM, MPA

CITY MANAGER



### **Attachment B – Flood Map**



### **NWS Flood Inundation Mapping Services**

Disclaimer: This map shows flood extent based on a 25 year return interval. This is an approximate-based FIM which should be used more conservatively. This map does also not accurately depict impacts to any road/railroad bridges

## Myakka River at Myakka River State Park (MKCF1)

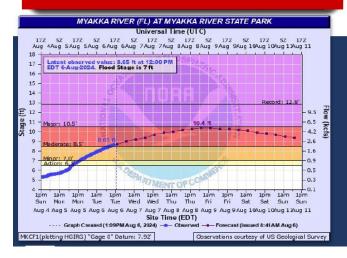
Crest Height: 10.4 ft

Map Height Shown: 25 year exceedance

FIM Source: NRP FIM

FIM Type: Static (Depth not provided)

FIM Creation Time: 130 pm ET 8/5/2024







### **Attachment C – Community Outreach Flyers**

### FLOOD WARNING

### What's happening?

Based on information and guidance from the National Weather Service, parts of the Myakka River will experience elevated river levels on **Saturday**, **Aug**. **10**.

NWS has issued a Flood Warning for the Lake Geraldine and Warm Mineral Springs area along the Myakka River near U.S. 41. Areas immediately surrounding the river, especially low-lying areas, may experience up to two feet of flooding.

### **Evacuation Center**

A temporary evacuation center is available to any citizen who is relocating from at-riskareas along the Myakka River to the following location:

Woodmere Park, 3951 Woodmere Park Blvd., Venice

Those impacted and relocating to an evacuation center are asked to come prepared. A disaster supply checklist and emergency preparedness guide can be found at scgov.net/beprepared.

### Sandbags

The following location has a self-service sandbag distribution point. Bags and sand will be available while supplies last, but individuals are asked to bring their own shovels.

George Mullen Activity Center, 1602 Kramer Way, North Port

### **Emergency Alerts**

Sign up for emergency notifications via <u>AlertSarasotaCounty.com</u>. You will receive email, text, or automated phone call alerts.







U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service Office
2525 14<sup>th</sup> Avenue SE
Ruskin, FL 33570-5468

March 12, 2025

Mike Nevarez Deputy Emergency Manager City of North Port 4970 City Hall Blvd North Port, FL 34286

Dear Mike,

Congratulations on the successful completion of the *StormReady* renewal for North Port. The recognition is valid for 4 years until March 7, 2029 at which time the city will have the opportunity to renew. North Port has been recognized as *StormReady* since 2014. Your efforts, and those of your team, will better prepare North Port to protect life and property from the onslaught of hazardous weather through better planning, education, and awareness. No community is storm proof, but *StormReady* can help save lives.

As a Storm Ready recognized jurisdiction, you are authorized to use the Storm Ready logo in official letterheads, brochures, or other suitable documents. A digital file of the image, information on signage, and additional materials can be found on the *StormReady* website at <a href="https://www.weather.gov/stormready/logos\_signs">https://www.weather.gov/stormready/logos\_signs</a>.

Sincerely,

Jennifer Hubbard

Jennifer Hubbard Warning Coordination Meteorologist National Weather Service – Tampa Bay Area (813) 645-2323 jennifer.hubbard@noaa.gov

cc: StormReady Advisory Board







### The West Central and Southwest Florida StormReady Advisory Board has Recognized

### North Port

as

### STORM READY

until March 7, 2029



Jennifer Hubbard

Warning Coordination Meteorologist National Weather Service, Ruskin, FL













## 2025 SARASOTA COUNTY UNIFIED PROGRAM FOR PUBLIC INFORMATION AND FLOOD INSURANCE PROMOTION PLAN

UNINCORPORATED SARASOTA COUNTY, CITY OF SARASOTA, TOWN OF LONGBOAT KEY, CITY OF NORTH PORT, CITY OF VENICE

# 2025 SARASOTA COUNTY UNIFIED PROGRAM FOR PUBLIC INFORMATION AND FLOOD INSURANCE PROMOTION PLAN

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### I. Background

The Community Rating System (CRS) is a voluntary program within the National Flood Insurance Program (NFIP) that qualifies participating communities for reduced rates on flood insurance policies. The rating system is based on 19 activities that receive credit points by implementing local mitigation, outreach, and educational activities

that go well beyond minimum NFIP requirements. Sarasota County and the jurisdictions of the City of North Port, the City of Sarasota, the City of Venice, and the Town of Longboat Key currently participate in the CRS program. Table 1 shows the CRS Class for each participating community and the applicable discount for all properties.

Table 1 indicates that most communities have been participating in the CRS Program since the early 1990s. The flood policy discounts range according to the community class rating. The CRS discount provides major savings on flood insurance policies and property owners benefit greatly by living in a CRS community. Additionally,

Table 1: Sarasota County Community Rating System Eligible Communities			
Community Name	CRS Entry Date	Current CRS Class	Flood Insurance Premium Discount
City of North Port	1992	5	25%
City of Sarasota	1991	5	25%
City of Venice	1991	6	20%
Sarasota County	1992	5	25%
Town of Longboat Key	1991	6	20%



every community in Sarasota County participates in the Unified Local Mitigation Strategy (LMS). To receive federal mitigation funding, participation in the Sarasota County LMS is required. The 2024 Sarasota County Unified Local Mitigation Strategy is a comprehensive document that not only includes the Hazard Mitigation Plan and the Integrated Floodplain Management Plan but also the Sarasota County Flood Warning Response Program. By participating in the LMS, anytime a presidential disaster declaration is made, all communities may apply for grants to assist in mitigation efforts for recovery and prevention of future damage. Property owners benefit from the coordinated planning efforts by living in a community in Sarasota County.

The Unified Program for Public Information (UPPI) is a planning tool to provide a coordinated approach to flood hazard outreach. A PPI can be developed and implemented by a single community or with other communities as a Unified effort. The purpose is the same: to improve communication with citizens, and to provide

information about flood hazards, flood safety, flood insurance and ways to protect property and natural floodplain functions to those who can benefit from it. Coordination between jurisdictions through a Unified Program for Public Information (UPPI) further increases efficiency in resource use and improves communication with citizens. All CRS communities realize an opportunity in collaborating to develop a unified plan built on existing programs. All CRS communities within Sarasota County expressed the desire to be part of the **UPPI.** The Flood Insurance Promotion Plan (FIPP) was combined into the UPPI and both were added to the Local Mitigation Strategy Plan (LMS).

Reducing future flood damage requires a partnership with the public, and an educated public is an important component for success. A UPPI Plan can offer participating communities the benefits of clear, coordinated messages and a more comprehensive approach in getting information out in a consistent, cost-effective manner. The Sarasota County CRS communities want to participate in the UPPI for coordinating projects normally done independently. The UPPI and FIPP is

an ongoing outreach effort to design and transmit the messages that the communities determine are most important to its flood safety and the protection of its floodplain natural functions. The UPPI a is required to be updated at least every five years and is combined with the Flood Insurance Promotion Plan (FIPP) as of 2024. For ease of reference the UPPI and FIPP are simply referred to as "the Plan" throughout this document.

For CRS credit, the Plan was developed according to a seven-step planning and public involvement process as follows:

**Step 1:** Establish a Program for Public Information committee.

**Step 2:** Assess the community's public information needs.

**Step 3:** Formulate messages.

**Step 4:** Identify outreach projects to convey the messages.

**Step 5:** Examine other public information initiatives.

**Step 6:** Prepare the Program for Public Information document and adopt the Program for Public Information.

**Step 7:** Implement, monitor and evaluate the program.

### **II. Unified Committee**

For the 2024 update, the county and city staff members emailed information to update the Plan. The committee has six governmental representatives and 16 non-governmental stakeholders with representation as follows:

Table 2: Sarasota County Unified PPI Committee Membership			
	Representing	Title or Organization	
đ	City of Sarasota	Floodplain Manager	
nent :ativ	Town of Longboat Key	Program Manager/Assistant Public Works Director	
Government Representative	City of North Port	Stormwater Manager	
Gov	Sarasota County	CRS Coordinator	
12	Sarasota County	Communications/Public Information Officer	
	City of Venice	CRS Coordinator	
	City of Sarasota	Sarasota Memorial Hospital, City of Sarasota	
	Town of Longboat Key	AMI-Bay Isles	
	City of North Port	Gran Paradiso Homeowner Association Representative	
	City of North Port	State Farm Insurance	
	City of North Port	Van Buskirk & Fish Surveying & Mapping, Inc.	
_	City of North Port	Kimley-Horn Engineering Consultant	
enta er	Sarasota County	Realtor Association of Sarasota & Manatee	
rnm nold	Sarasota County	Wright Flood Insurance	
governmeı Stakeholder	Sarasota County	Coalition of City Neighborhood Associations	
Non-governmental Stakeholder	Sarasota County	Jones Edmunds	
_	Sarasota County	Sarasota Bay Estuary Program	
	Sarasota County	UF/IFAS Extension	
	Sarasota County	Insurance Industry	
	Sarasota County	Keller Williams, Broker	
	City of Venice	AAA Insurance	
	City of Venice	Banker for Sarasota County	

The role of the committee members is to assist in updating the Plan by providing feedback on possible changes to targeted areas for outreach, changes to messages, frequency of messages, and how they are delivered. Committee members reviewed the Plan reports and were advised on suggestions that may need to be made. County and municipal staff members developed the agendas and facilitated the committee meetings. Prior to setting each meeting date, the committee members were provided with Microsoft Teams meeting invitations or in-person locations. The members are advised to attend in order to meet the attendance requirements outlined in the 2017 CRS manual.

The first meeting of the Plan was held in the first quarter of 2024, in-person, at the Sarasota County Emergency Operations Center in conjunction with the LMS. The five communities have been provided information based on insurance statistics showing the number of claims inside and outside of the floodplain. The members reviewed the "Target Area," "Target Audiences," the inventory of related efforts and existing public outreach and made suggestions on potential changes.

Since flooding can happen anywhere in the county, the committee reconfirmed that the target area of "all properties in the Sarasota County CRS communities" should remain unchanged. There were some recommendations to modify some of the messages and outcomes due to some activities being difficult to measure and monitor. Each participating jurisdiction is responsible for updating their respective current public information efforts. Some projects are community-specific, and many are regional. The

committee members provided input on additional opportunities for collaboration, which has been incorporated into this document.

The second meeting was held during the second quarter of 2024, virtually using the Microsoft Teams meeting platform and in-person. The members were sent a draft 2024 Plan for discussion and reviewed the draft. Members provided additional input on corrections or changes in the development of the final 2024 Plan. The final draft of the Unified Plan, recommended by the entire committee, will be sent to the ISO CRS Specialists and the **Emergency Management Specialist,** FEMA Region IV, requesting any comments on the draft document. Once approved and appropriate revisions are made, the document will be provided to the communities for adoption.

### III. Community Needs Assessment

#### A. COMMUNITY PROFILE

Sarasota County is located in the central portion of the Florida west coast. The land area of Sarasota County is approximately 1,103 square miles of land and 329 square miles of water with 50 miles of the Gulf of Mexico shoreline. Along the eastern side of the county, the Halifax River and the Indian River/ Mosquito Lagoon form long, narrow estuaries which separate the county's mainland from its barrier island. Ponce DeLeon Inlet, located near

the middle of the coastline, serves as the county's only inlet through the barrier island and the major passage through which Gulf of Mexico tides and storm surge propagate into the estuaries. The Tomoka River and St. Johns River are other major estuaries in the county which are also sources of flooding.

Sarasota County has a subtropical climate, with long, warm and humid summers and short, mild winters. The average annual precipitation is approximately 53.01 inches. Over half of the rainfall occurs June

through November, designated as the Atlantic hurricane season.

There are four incorporated areas within Sarasota County, of which the City of North Port is the largest in terms of population, and all of which are participating members of the CRS program. The participating jurisdictions in the Plan include the City of North Port, the City of Sarasota, the City of Venice, the Town of Longboat Key and the unincorporated area of Sarasota County.

The following table shows the 2020 populations of the CRS participating cities and unincorporated area within Sarasota County along with

the 2025 population estimates provided by the Bureau of Economic Business Research (BEBR), University of Florida and the Sarasota/Manatee MPO. The change from 2020 to 2025 represents a total growth rate of approximately 8.6% (just in the five CRS communities).

Table 3: 2020 and 2023 Population of Cities and Unincorporated Areas				
Jurisdiction	2020 Population (BEBR)	2025 Population Estimate (MPO)		
City of North Port	74,793	92,066		
City of Sarasota	54,842	56,101		
City of Venice	25,463	27,793		
Sarasota County	274,149	295,032		
Town of Longboat Key	4,759	4,212		
Total:	434,006	475,204		

#### **B. FLOOD HAZARDS**

The 2024 Sarasota County Unified Local Mitigation Strategy identifies 19 individual hazards, 15 of which are deemed possible, and four of which are deemed zero risk. The 19 hazards are: Avalanche, Coastal Erosion, Coastal Storm, Dam Failure, Drought, Earthquake, Expansive Soils, Levee Failure, Flood, Hailstorm, Hurricane, Land Subsidence, Landslide, Seasonal Severe Weather Storm, Tornado, Tsunami, Volcano, Wildfire and Windstorm. Flooding is the most frequent and costly natural hazard in the Sarasota County area.

Flooding in Sarasota County generally results from excessive precipitation and can be classified under two categories:

- 1. General floods, precipitation over a given river basin for a long period of time along with storm-induced wave or tidal action; and
- 2. Flash floods, the product of heavy localized precipitation in

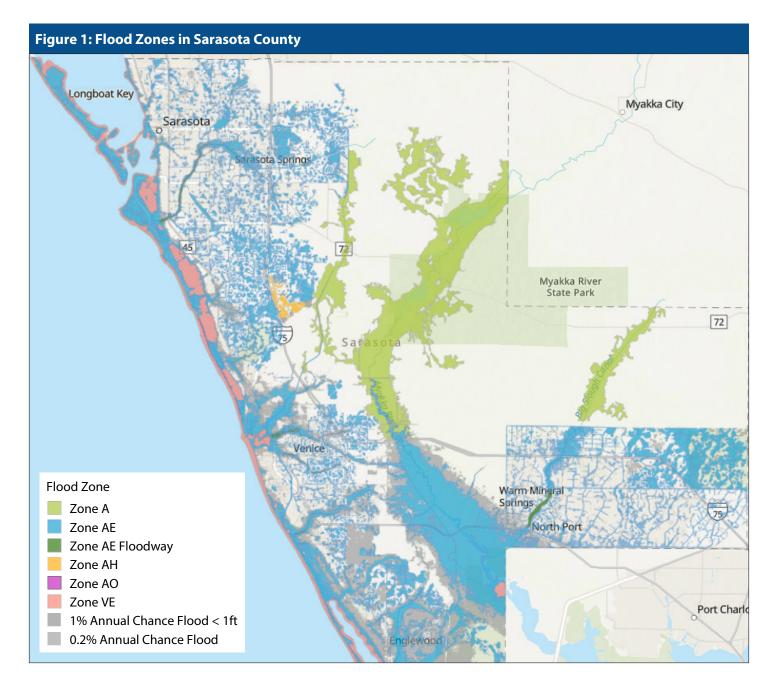
a short time period over a given location. The severity of a flooding event is typically determined by a combination of several major factors, including stream and river basin topography and physiography; precipitation and weather patterns; recent soil moisture conditions; and the degree of vegetative clearing and impervious surface.

A general flood is usually a longterm event that may last for several days. The primary types of general flooding include riverine, coastal and urban flooding. Riverine flooding is a function of excessive precipitation levels and water runoff volumes within the watershed of a stream or river. Coastal flooding is typically a result of storm surge, wind-driven waves and heavy rainfall produced by hurricanes, tropical storms and other large coastal storms. Urban flooding occurs where manmade development has obstructed the natural flow of water and decreased the ability of natural groundcover

to absorb and retain surface water runoff. In eastern portions of the county, most of the flood-prone areas feature relatively impermeable soil, a high water table and flat terrain. These characteristics contribute significantly to flooding problems. Additionally, the flat slopes and heavily vegetated floodplains promote backwater effects and aggravate the flood problem by preventing the rapid drainage of floodwaters.

Figure 1 illustrates the location and extent of currently mapped Special Flood Hazard Areas for Sarasota County based on best available FEMA Digital Flood Insurance Rate Map (DFIRM) data. This includes Zones A/AE/AH/AO (the 100-year floodplain), Zone VE (the 100-year coastal flood zones associated with wave action) and Zone X (the 500-year floodplain). It is important to note that while FEMA digital flood data is recognized as the best available data for planning purposes, it does not

always reflect the most accurate and up-to-date flood risk. Impacts have included flooding of hundreds of homes, schools and roads, including the blockage of I-75 during a flash flood in 2004. Flooding and flood related losses often do occur outside of delineated special flood hazard areas, with approximately 40% of NFIP claims come from low-to-moderate risk areas.



Areas countywide can be flooded from overwhelmed rivers, creeks, coastal sources, sheet flow and local drainage ways. While the official FEMA Flood Insurance Rate Map designates the deeper riverine and coastal flood-prone areas as A, AE, AH or VE Zones (shown as pink, blue, and green, in Figure 1), the committee reconfirmed that all properties are subject to flooding and the Plan should strive to reach all residents

and businesses in the Unified Sarasota County area. In addition, the Plan will continue to specifically target properties in the floodplain and repetitive loss areas.

### IV. Flood Insurance Coverage Assessment

#### A. FLOOD INSURANCE COVERAGE BY JURISDICTION

To determine the level of flood insurance coverage in the Sarasota County multi-jurisdictional area, the most recent flood insurance policy data provided by FEMA was used represented in Table 4. The following table summarizes the two key statistics of policies in force in the Special Flood Hazard Area and past claims by jurisdiction.

Table 4: Flood Insurance Data in the SFHA by Jurisdiction					
CID	Community Name	# of Policies within SFHA in force	Insurance in Force	\$ of Closed Paid Losses Within the SFHA	\$ of Closed Paid Losses Outside the SFHA
120279	City of North Port	1,824	587,671,000	3,611,766.18	1,837,786.20
125150	City of Sarasota	2,388	3,064,469.29	1,073,678,000	2,643,215.19
125154	City of Venice	2,803	3,066,650.88	2,311,045	1,482,010.72
125144	Sarasota County	16,609	48,956,668.88	7,337,044,000	2,600,358.44
125126	Town of Longboat Key	8,745	16,157,892.00	2,051,044,000	0
	Total:	32,369	11,051,748,045	74,857,447.23	8,563,370.55

The following table compares the number of policies with the number of buildings in the SFHA by jurisdiction.

Table 5:	Table 5: Buildings Insured					
CID	Community Name	# of Buildings within SFHA	# of Policies within SFHA	% Insured within SFHA	Total # of Policies	Total # of Policies Outside SFHA
120279	City of North Port	711	138	19.4	1,824	1,686
125150	City of Sarasota	3,994	5,688	142*	6,733	1,045
125154	City of Venice	2,803	2,396	85	4,367	1,971
125144	Sarasota County	23,567	16,609	70	26,610	10,001
125126	Town of Longboat Key	3,296	8,569	265*	8,570	1
	Total:	34,371	33,400	97	48,104	14,704

<sup>\*</sup> Note: Some policies exceed the total number of buildings. This reflects condominium or apartment units with their own policy as well as each building, showing more policies than buildings. Additionally, the Town of Longboat Key is split between Manatee and Sarasota County, therefore polices are only for Sarasota County.



As demonstrated by the previous tables there are 33,371 flood insurance policies within the Special Flood Hazard Area, with 14,704 policies outside the Special Flood Hazard Area. Approximately 97% of the buildings within the Special Flood Hazard Areas have flood insurance coverage (the City of Sarasota and the Town of Long Boat Key percentages were calculated at 100%). It should be noted that the percentage of policy coverage for buildings is skewed due to the way condominium buildings and units are insured.

For example, you may have one condominium building with 12 units insured for a total of 13 policies. The

community only counts one building so those communities with more condominiums in or out of the SFHA will have more policies, therefore the comparison is misrepresented. These statistics are used for broad analysis only.

Flood insurance is required as a condition of federal aid as well as a mortgage or loan that is federally insured for a building located in a Special Flood Hazard Area (SFHA). Therefore, one would expect most policies to be in the AE, A, AH, AO, and VE Zones. One interesting statistic shown in Tables 4 and 5 is that there are almost four times as many policies outside the SFHA where flood insurance is not

required. Similarly, the NFIP has paid over \$94 million dollars in flood insurance claims and over 31% of the dollars paid countywide have been in the flood zones outside the SFHA. This could be explained by two primary reasons:

- 1. Older, established neighborhoods are generally mapped in the Special Flood Hazard Areas and homes may no longer carry a mortgage.
- 2. Coastal V-Zone boundary lines are primarily designated along the dune line of the beach. Most condominium structures are built just outside the V-Zone boundary. Also, since each unit is considered a separate structure, there would be more policies issued in the X Zone.

# B. REPETITIVE LOSS PROPERTIES

Although the entire county is susceptible to flooding, there are approximately 405 buildings that are considered unmitigated "repetitive loss" properties as defined by FEMA (having at least two claims of \$1,000 over a 10-year period). Of the 405 unmitigated repetitive loss properties, 201 buildings are insured against flood damages.

FEMA is currently in the process of changing how repetitive loss data is obtained. Instead of CRS specialists being able to access the information, the community must request CRS repetitive loss lists directly from the FEMA Region IV office. Before this data can be provided, communities must have an Information Sharing and Access Agreement (ISAA) in place with FEMA. The request for the Repetitive Loss Data is a snapshot in time of the request and there is a lag in the data collected. For this reason, it should be noted that not all communities have the most recent repetitive loss data. For most communities, the data used was provided by the ISO/CRS

Specialist based on the "Community Information System Report" as of January 2024.

Table 6 demonstrates that there are 405 buildings throughout the county that are repetitive loss due to flooding. The majority of which are in the unincorporated areas. This only represents buildings that have had flood insurance through the National Flood Insurance Program. Those buildings that do not have a federally backed mortgage may choose not to carry flood insurance and losses due to flooding would not have any available data.

Table 6: Total Repetitive Loss Buildings by Jurisdiction and Flood Zone			
Community	Total Repetitive Loss Buildings	Repetitive Loss Buildings (Insured)	
City of North Port	13	5	
City of Sarasota	50	17	
City of Venice	17	8	
Sarasota County	236	120	
Town of Longboat Key	89	51	
Total:	405	201	

According to FEMA, a Repetitive Loss (RL) property is an insurable building that has had two or more flood-related claims paid by the National Flood Insurance Program (NFIP) within a 10-year period, with each claim being more than \$1,000. This definition has been in place since 1978, and RL properties can be

homes or businesses. RL properties may or may not be currently insured by the NFIP. The Severe Repetitive Loss property (SRL) is a group that consists of any NFIP-insured residential property that has met at least one of the following paid flood loss criteria since 1978, regardless of ownership: four or more separate

claim payments of more than \$5,000 each (including building and contents payments); or two or more separate claim payments (building payments only) where the total of the payments exceeds the current value of the property.

### V. Insurance Review

Based on the previous information, the majority of property owners in the multi-jurisdictional Sarasota County area do not carry flood insurance on their buildings. In the Special Flood Hazard Areas where flood insurance is mandatory as a condition of federal aid or a mortgage or loan that is federally backed, only 37% of the buildings have flood insurance coverage. Also, it is interesting that approximately 63% of the repetitive loss buildings are insured.

Because the percentage of properties with flood insurance coverage is generally low, the Plan Committee decided to continue to target a variety of audiences to increase flood insurance coverage for buildings. The target audiences are listed in Section VI. The communities of the City of North Port, the City of Sarasota, the City of Venice, Sarasota County, and the Town of Longboat Key will continue to provide outreach to the various target audiences through

methods such as mailings, ads, flyers and the countywide website to encourage property owners to purchase flood insurance coverage. Additionally, the participating CRS jurisdictions will provide countywide information about flood insurance and other flood related topics at public meetings and public events throughout the year. This consolidated outreach should increase flood insurance coverage in the Plan area.

## VI. Target Audiences

The Plan Committee decided to maintain the target audiences of the general public, residents in the floodplain, repetitive loss properties and real estate, lending and insurance agencies. Also, it was determined that "new resident/ property owners" should be added.

General public in the five participating CRS communities: As past flooding and flood insurance claims indicate, residents and business owners in the City of North Port, the City of Sarasota, the City of Venice, the Town of Longboat Key, and unincorporated areas of Sarasota County need to be aware of the flood hazard, flood insurance, and ways they can protect themselves from flooding. Thus, the committee concluded that the community at large should be considered a target audience, since flooding can occur anywhere for a variety of reasons. Flooding can occur in urban areas, through an undersized culvert or

blocked drain, and also in areas not shown on flood maps. Citizens may travel through flooded areas and not know the proper safety precautions, or they may consider purchasing or moving to a flood-prone property.

Residents in the Special Flood Hazard Area: There are over 34,371 structures in the FEMA Special Flood Hazard Area. Because these properties have been identified as having a known flood risk, the committee believes it is important to reach out to the property owners of these buildings to let them know about the risk of flooding and the availability of flood insurance.

Repetitive loss areas: There are 405 unmitigated repetitive loss properties in the five CRS participating communities. These property owners, along with their neighbors, have similar potential for flooding, and should be aware of their property's risk of flooding and

the availability of flood insurance. Because the residents and business owners in the floodplain and repetitive loss areas are so similar, it was determined that these two groups should receive the same type of outreach.

Real estate, lending and insurance companies: These companies are the key to conveying information about flood hazards and flood insurance. The committee wants to make sure that they understand and have all the information they need about these topics.

#### New residents/property owners:

People new to the area often purchase new homes without knowledge of storm hazards, flooding or flood zone information. Providing educational information to the prospective buyer from the realtor will be extremely helpful in the event of flooding and or storms.

## VII. Inventory of Existing Public Information Efforts

Exhibit 8.20 Page 13

An important part of developing a public information program is to know what other public information activities are reaching Sarasota County Unified property owners. The information is stored in a web version that can be found at the following link. The table is updated by past projects, staff research and UPPI Committee members. Click here to the organizations listed in alphabetical order.

## VIII. Messages

After reviewing the Community Needs Assessment, the UPPI Committee made a few changes to the eight originally adopted priority messages and added an additional message making nine messages in total. Click here to read the messages;

The overall strategy is to make information more readily available to the target audiences in a manner that will equip and encourage these audiences to adopt behaviors to improve preparedness and decrease future flood damage. The Plan worksheet provides a comprehensive list of the program elements organized by target audience and message. The worksheet also includes projects created specifically to increase the number of flood insurance coverage policies in the participating communities denoted as "CP" projects.

In addition to projects that are implemented every year, the Plan Committee recommends Flood Response Projects "FRP" projects that will be implemented before, during and after a flood. One such

project is door hangers in English and Spanish to be placed on impacted properties after a storm. The county CRS Coordinator has provided the template to each plan community for reproduction when needed. After a major flood event that requires a damage assessment team, door hangers will be placed on the door of each impacted property, where and when it is safe to do so.

Other FRP projects included are sending AlertSarasota County voice, text and/or email messages. The AlertSarasota County Emergency Notification System provides the public with the ability to receive voice, text and/or email notifications. Click here to view where citizens can register online.

Any citizen with questions about the system can call Sarasota County Emergency Management Information Line at: 941-861-5000. The following AlertSarasota County messages will be sent to all registrants as follows:

Before the storm: The National Weather Service has issued a flood watch for your area. A flood watch means that flooding is imminent

or occurring. Please follow all precautions to keep you and your loved ones safe. If you are ordered to evacuate the area, do so immediately. If you suspect you are in a home that is subject to deep flooding, turn off the electricity and gas, gather canned foods and flashlights and evacuate. If you are in transit, please avoid streets that are under water or are barricaded. We urge you to stay tuned to news outlets for ongoing details. Thank you for your cooperation.

During the storm: Due to (event name) there are many power outages, flooded areas and debris around Sarasota County that could cause harm or injury to residents outside. Residents are urged to remain in place until weather conditions improve. If you need emergency assistance, please call 911.

After the storm: Please report storm related damage to Sarasota County Emergency Management at 941-861-5000. County employees will be travelling around the county assessing the damage to homes.

During the year, when there is no storm event projected, general educational AlertSarasota messages will be sent in December, March, June and September. Below are some examples of a few messages that will be sent:

- 1. Know your flood zone. Click here for information about your flood zone and flooding risk.
- 2. Flood insurance is a great way to protect your home when disaster strikes. Contact your insurance agent today to see if your home is covered.
- 3. Flooding is one of Florida's most frequent hazards. It is a coast-to-coast threat that can occur at any time of the year. Click here to find ways to protect yourself, family and home.

#### IX. Other Public Information Initiatives

#### A. MAP INFO

Sarasota County and the City of North Port, the City of Sarasota, the City of Venice, and the Town of Longboat Key provide map information in several ways. The most common method is the county flood map viewer website. Click here to visit the site.

Customers enter the address of the property in question and can view on the map if the property is in a Special Flood Hazard Area or not. Map information can also be obtained from most of the other CRS community websites and the FEMA interactive flood map service. Click here to visit the FEMA flood map.

All CRS communities provide map information through inquiries by phone, by email or in-person through the customer service counter. This service is advertised annually to real estate agents, lenders and insurance agents, as well as properties in the floodplain and repetitive loss properties. The UPPI Committee agreed to

continue these procedures. Sarasota County has updated the county's website to include all the other CRS communities' contact information and web links to make flood determinations easier.

# B. HAZARD DISCLOSURE/ REAL ESTATE AGENTS

Effective March 27, 2024, the FEMA Flood Insurance Rate Maps (FIRMs) became effective for all communities within Sarasota County based on the updated coastal study. Now that the information is available, real estate agents, brokers and sellers have a duty to disclose to buyers (or to make sure buyers are aware) of the flood risks associated with a particular piece of property.

One protection for buyers in Florida is the requirement that any property located in a Special Flood Hazard Area where the purchase is financed with a federally backed loan must be covered with flood insurance. Whether or not a private mortgage will demand flood insurance coverage depends upon that lender.

It should be noted that if a buyer purchases a property with cash, the buyer will not be required to purchase flood insurance.

All real estate agents can access the state of Florida Seller's Disclosure of Property Conditions form and disclose whether a property is in a special flood hazard area. Real estate agents can obtain the flood zone by using the methods described above in the Map Information Service section. The Plan has developed a realtor brochure that can be used to inform property owners about the flood zone when they purchase. This has been distributed to all stakeholders and real estate agents for their use.

# C. FLOOD PROTECTION WEBSITE

The Sarasota County website and Sarasota County Water Atlas includes information for all the priority topics listed in in the CRS messages. Additional information related to outreach projects will be included on the website with links to all CRS participating communities.



# D. FLOOD PROTECTION ASSISTANCE

The participating CRS communities offer flood protection assistance including property protection advice (PPA), advice after a site visit (PPV), and financial assistance advice (FAA).

These types of assistance are advertised in the annual mailing to floodplain and repetitive loss property owners. Other types of advertising will be considered for a countywide opportunity such as the Home Show, Sarasota Magazine

and other presentations to civic and professional groups.

- Information on flood insurance outreach projects.
- Proposed flood insurance outreach projects.

#### X. Plan Maintenance Procedures

The Plan Committee will meet annually to evaluate the Plan and incorporate any needed revisions. The evaluation will cover:

- A review of the projects that were completed.
- Progress toward the desired outcomes.

- Recommendations regarding projects not completed.
- Changes in the target audiences.

The CRS Community Assessment will be refreshed every year as part of the Annual Evaluation. The county will coordinate and facilitate this meeting and provide a summary and updated UPPI worksheet reflecting the committee's decisions. The Annual Evaluation Report will be prepared each year as part of the CRS annual recertification with copies to the City of North Port, the City of Sarasota, the City of Venice, Sarasota County, the Town of Longboat Key, the state of Florida NFIP Coordinator and local media.

## XI. Plan Adoption

This document will not become effective until the Plan is adopted by the Sarasota County Commission, the City of North Port City Council,

the City of Sarasota City Council, the City of Venice Council and the Town of Longboat Key Commission, by resolution. Click here for detailed

information on the target audiences, messages, outcomes, projects, assignments and stakeholders.



Sarasota County Public Works 1001 Sarasota Center Blvd., Sarasota Call 311 | Visit scgov.net

Follow us **@SRQCountyGov** 



**SCAN HERE** to visit scgov.net/floodmaps



**SCAN HERE** for more information about the Flood Insurance Promotion Plan.