

Activity 510 Floodplain Management Plan, Annual Progress Report – 2016/2017
City of Marco Island, Florida 34145
NFIP Community: 120426

I. Background

- A. On April 6, 2015, the City of Marco Island City Council approved and adopted by resolution #15-29 the 2015 revision to the Collier County multi-jurisdictional Local Mitigation Strategy (LMS). In doing so, the City of Marco Island receives the following direct benefits: of the LMS.
 - 1. Adoption every 5-years.
- B. Eligible for the following mitigation grant programs administered through the Federal Emergency Management Agency:
 - 1. Hazard Mitigation Grant Program (HMGP)
 - 2. Pre-Disaster Mitigation (PDM)
 - 3. Severe Repetitive Loss (SRL)
 - 4. Flood Mitigation Assistance (FMA)
- C. In order to maintain CRS credit for activity 510 FMP, the City must prepare an annual progress report on the various activities the community is performing. This report shall serve as the City of Marco Island 2016/2017 annual progress report.

II. Annual Report Preparation, Distribution & Availability – Continue

- A. Prepared by Kelli DeFedericis, City of Marco Island’s Floodplain Coordinator
- B. Report submitted and provided to
 - 1. City of Marco Island City Council.
 - 2. Posted WWW.cityofmarcoisland.com
 - 3. Mass e-mail sent to all the residents that are signed up for eNotifications through the City’s website.
 - 4. State of Florida National Flood Insurance Program (NFIP) Coordinator’s office.

III. Individual Action Preventative and Protection Measures – Continue

- A. Preventive Measures
 - 1. Floodplain Regulations and Building Code Enforcement for structures located in the Special Flood Hazard Area (SFHA)
 - a. Continue the review and approval of all building permit applications to the City’s building department.
 - i. Enforce Design Flood Elevation of 9’ NAVD and or 1’ above Base Flood Elevation, whichever is greater.
 - b. Continue to review elevation certificates for compliance
 - i. New Construction
 - ii. Additions
 - iii. Substantial Improvements
 - 2. Continue staff training and education
 - a. The City has three Certified Floodplain Managers on staff (two additional from last year).
 - b. Maintain education and certification through Continuing Education Classes.
 - 3. Open Space Preservation
 - a. Continue to preserve and increase open space, where appropriate.
 - b. Continue to preserve the natural functions of open space.
 - 4. Drainage System and Storm Water Maintenance

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- a. Continue to enforce the “No storm drain Dumping Regulations”
 - i. Plaques have been added to all main drainage ditches that read; “No Dumping, Drains to Waterway.”
 - b. Continue to work diligently with Storm Water management to inspect and document. City wide drainage systems maintenance.
 - c. Continue to support the City’s Drainage program through the Capital Improvements Program. (CIP).
 - d. Continue to require erosion and sediment control on land being disturbed due to development and construction.
 - e. Continue to implement water quality control and storm water regulations.
- B. Protection Measures
- 1. Flood Insurance
 - a. Continue to meet with residents to review current NFIP policies.
 - b. Continue to work with insurance agents to ensure residents are being rated correctly.
 - i. Provide flood information letters to residents.
 - ii. Provide elevation certificates on file with the City.
 - 2. Public Information / Outreach (Activity 330a)
 - a. Library/Website
 - i. Continue to maintain flood protection documents at the City of Marco Island library.
 - ii. Correspond with Collier County to ensure City of Marco Island’s library documents and literature are consistent with other Collier County libraries.
 - b. Continue to maintain floodplain management information on City web site. - www.cityofmarcoisland.com
 - c. Continue to provide an annual Floodplain information newsletter to all residents on the island as required by the NFIP guidelines.
 - d. Continue presentation outreach for local associations (2016/2017)
 - i. Marco Island Board of Realtors
 - ii. Condominium Association of Marco Island
 - iii. Hideaway Beach Association of Marco Island
 - iv. Local clubs and organizations
 - v. Mailers to new residents
 - 3. Public Emergency Services
 - a. Maintain StormReady Community Status – per NOAA guidelines
 - i. Renewed 2017 (every three years).
 - b. Continue to refine the flood-threat recognition system for the community in coordination with Collier county, Emergency Management.
 - c. Participate in the County’s annual hurricane / flood exercise.
 - 4. Internal Emergency Services
 - a. Annual emergency operations class
 - b. Annual hurricane preparedness workshop
 - c. Continue to track and update the Critical Facilities planning for the City of Marco Island.

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- d. Work with department heads to ensure their portion of the Comprehensive Emergency Management Plan is current and updated annually.
- e. Participate in Local Mitigation Strategy working group

IV. Maps - Continue

- A. Digital Flood Insurance Rate Map (DFIRM)
 - 1. Established 05/16/2017
 - 2. Available at:
<http://marco.maps.arcgis.com/home/webmap/viewer.html?webmap=e7c5ba49b0e5449f9e600680be2e1b75>
- B. Flood Insurance Rate Map (FIRM)
 - 1. Continue to maintain a file of all prior year FIRMs
- C. Letter of Map Revisions (LOMR)
 - 1. Work diligently with I.T. to ensure the City of Marco Island's DFIRM is updated regularly.
 - 2. 2016 Four LOMR issued
 - 3. 2017 Three LOMR issued
 - 4. 2017 One Pending
- D. Open space preservation
 - 1. Maintain and update accordingly, and in coordination with Council.
- E. Coastal Barrier Resources System Act (COBRA)
 - 1. 02/29/2016 Correction of John H. Chafee Coastal Barrier Resources System Act (CBRA) map affecting Marco Island.

V. Community Rating System Program (CRS) - Continue

- A. Annual Recertification – 10/2017
- B. 01/14/2014 last 5-year Cycle visit
 - 1. Improved from class 6 to a class 5
 - a. Improving from 20% discount to 25% discount.
 - 2. Class 5 approved 06/19/2015
 - a. 3-year cycle visit
 - b. NFIP 25% discount effective 05/01/2016
- C. New 3-year cycle visit (tentative) 10/2018
- D. Participate in the local CRS Users Group of SWFL – meetings quarterly

VI. Record Keeping - Continue

- A. Document all permits issued for new or substantially improved construction.
- B. Document all new construction that replaces pre-FIRM structures.
- C. Document all flood information letters.
- D. Document all citizen walk-ins, e-mails or phone calls regarding floodplain management.
- E. Reviewed, correct and archived all FEMA Elevation Certificates.

VII. Flood Events and Impacts – Update

- A. Week of June 5, 2017
 - 1. Artillery and secondary street flooding.
 - a. Road closures

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2. No structure effected by flooding.
3. Small sinkholes documented and repaired.
- B. Marco Lake was identified as to contributing to the street flooding.
 1. Research - Pre-disaster mitigation grants to improve and prevent.
 - a. Department of Emergency Management Collier County.
 - b. State of Emergency - Collier County.
- C. Document the effected roads and road closures for future mitigation.

VIII. Miscellaneous – Update

- A. Floodplain Ordinance - Update
 1. Working with Ms. Rebecca Quinn of the State of Florida to update our floodplain ordinance.
 2. Include the City of Marco Island’s higher regulatory standards, for additional CRS credit.
- B. Land Development Code (LDC)
 1. Calvin, Giordano & Associates, Inc – Consultant hired to update.
 - a. Provide floodplain details for the update.
- C. City of Marco Island Comprehensive Plan
 1. Amend the current floodplain portion and update.
 2. Improve CRS credits for comp plan initiatives.