



# City of Marco Island

## Memorandum

**To:** Gil Polanco, City Manager  
**Via:** Dan Smith, Community Development Director  
**From:** Kelli DeFedericis, Floodplain/CRS Coordinator  
**Date:** August 23, 2017  
**Subject:** Community Rating System section 510 Annual Progress Report

### **Background:**

#### **510 Floodplain Management Planning – Summary**

The Local Mitigation Strategy (LMS) plan was adopted in 2015, (updated and adopted every 5-years). The attached progress report is an annual report to confirm the City of Marco Island has been following the LMS. LMS allows the City of Marco Island to qualify for Federal Grants.

### **Discussion:**

#### **Step 10 of CRS section 510 – Implement, Evaluate, and Revise (2017 CRS Manual)**

An evaluation report on progress towards plan implementation must be prepared at least once each year and submitted with the community's annual CRS recertification. The report must be submitted to the governing body, released to the media, and made available to the public.

The attached progress report addresses our participation in the LMS and gives a detailed account of the city's participation in the CRS program, which is a requirement for annual recertification. Recertification is necessary to maintain our current class rating of "5" which provides a 25% discount on flood insurance premiums to our residents that live in the Special Flood Hazard Area.

### **Recommendation:**

Staff recommends submitting the "Activity 510, Floodplain Management Plan" annual progress report to the City Council as part of the City Manager's Report.

**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 (September 5, 2017).
  - 2. Posted [WWW.cityofmarcoisland.com](http://WWW.cityofmarcoisland.com) (August 16, 2017)
  - 3. Posted on the City's News section of the webpage (August 23, 2017).
  - 4. CRS Specialist coordinator's office (Will be submitted with the recertification).

**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
    - a. Continue to enforce the "No storm drain Dumping Regulations"

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- 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](http://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 (March 16, 2017)
      - ii. Condominium Association of Marco Island (March 16, 2017)
      - iii. Hideaway Beach Association of Marco Island (Waiting for a date from them)
      - iv. Annual News letter to all on the island (will be sent out in the utility bills by September 30, 2017)
      - v. Mailers to new residents (sporadically sent out throughout the year)
  - 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 (July 29, 2017)
    - b. Annual hurricane preparedness workshop (July 15 and 16 2017)

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- c. Continue to track and update the Critical Facilities planning for the City of Marco Island.
- 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 (quarterly meetings)

**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**

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