



City of Marco Island

Memorandum

To: Mike McNees, City Manager
Via: Dan Smith, Growth Management Director
From: Kelli DeFedericis, Floodplain/CRS Coordinator
Date: April 1, 2020
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.

Activity 510 Floodplain Management Plan, Annual Progress Report – 2019
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); required to be adopted every 5-years. In doing so, the City of Marco Island receives the following direct benefits: of the LMS.

1. Eligible for the following mitigation grant programs administered through the
 - a. Federal Emergency Management Agency
 - b. Hazard Mitigation Grant Program (HMGP)
 - c. Pre-Disaster Mitigation (PDM)
 - d. Severe Repetitive Loss (SRL)
 - e. Flood Mitigation Assistance (FMA)

B. In order to maintain CRS credit for activity 510 Floodplain Management Plan, 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 2019 annual progress report.

II. Annual Report Preparation, Distribution & Availability – On-Going

- 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. Posted on the City's News section of the webpage
 4. CRS Specialist coordinator's office

III. Flood Events and Impacts – Updates

- A. September 11, 2017 – Hurricane IRMA
 1. 153 Flood Insurance Policies paid
 2. Substantial Damage
 - i. Three Demolished
 3. Repetitive Loss Area Analysis
 - i. Two structures – 2.7 miles apart
 - a. High Rise Condominium – pre-FIRM
 - a. Currently under contract with a storm water engineer to correct the drainage.
 - b. Commercial structure – pre-FIRM
 - a. Dry flood proofing is the only option, need to address this with the owner.
 4. Local Mitigation Strategy Working Group (LMS)

- i. Goals and objectives
 - a. The overall goal of the Flood Mitigation Assistance program is to fund cost effective measure that reduce or eliminate the long-term risk of flood damage to the National Flood Insurance Program insurable structures. Refer to the City of Marco Island Comprehensive Emergency Management Program.
- ii. 14 LMS meetings October 2017 -2019 <https://www.colliercountyfl.gov/your-government/divisions-a-e/emergency-management/library-cmte-reference/lms-meeting-minutes-etc>
- iii. Hazard Mitigation Grant Program (HMGP) – Resolution 18-28 approved the HMGP list below.

<p style="color: red; text-align: center;">None of these projects have begun as they are in the beginning stage of approval. They have been approved by the City Council via resolution and are in the final process of FEMA's approval</p>								
Disaster #	State Project #	Approved by City Resolution	FEMA Project #	Project Name	Project Total	Federal Share	City Share	Approval Status
4337	228	19-40	112-R	Source Water Facility Generator	\$2,000,000.00	\$1,500,000.00	\$500,000.00	Contract executed, State legal review of design RFQ approved –
4337	644	19-41	144-R	MBR Building, Wind Retrofit	\$1,476,000.00	\$1,107,000.00	\$369,000.00	Contract executed, State legal review of design RFQ approved
5178	12	19-44	2-R	Fire Station 51 - Wind Retrofit	\$14,950.00	\$11,212.50	\$3,737.50	Contract executed, developing ITB specifications. Out for Quotes
4337	284	19-40	245-R	Lift Station Generators	\$3,320,000.00	\$2,490,000.00	\$830,000.00	Contract executed by Council 1/21/20. Sent to State. Received executed 2/13/20. Spec meeting 2/18/20
4337	645	19-48	266-R	Fire Station 50 - Code + Construction Phase I	\$10,000.00	\$7,500.00	\$2,500.00	Contract executed, Design in progress
4337	232	18-28	380-R	City Hall Wind /Flood Retrofit (v2)	\$1,409,300.00	\$1,056,975.00	\$352,325.00	Notified of FEMA approval 2/14/20. Awaiting State contract
4337	231	18-28		San Marco & Heathwood Drainage	\$1,136,000.00	\$852,000.00	\$284,000.00	FDEM technical team is reviewing
4337	645	19-48	266-R	Fire Station 50 - Code + Construction Phase II	\$1,702,135.00	\$1,276,601.25	\$425,533.75	State approved, Phase 1 FEMA approval

4399		18-28		City / County Water System Interconnect	\$200,000.00	\$150,000.00	\$50,000.00	Application submitted 9/23/19
				Total	\$11,268,385.00	\$8,451,288.75	\$2,817,096.25	
				Approved to Date	\$8,230,250.00	\$6,172,687.50	\$2,057,562.50	

IV. Drainage System and Storm Water Maintenance

5. Capital Improvement Projects
 - i. Storm Drainage Reline – 165 Gulfstream St
 - ii. Storm Pipe Replacement – S. Bahama Ct.
6. 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.”
7. Continue to work diligently with Storm Water management to inspect and document sediment control
 - a. Continue to require erosion and sediment control on land being disturbed due to development and construction.
8. Continue to implement water quality control and storm water regulations
 - i. Through the MS4 Program

V. Public Emergency Services

1. Maintain StormReady Community Status – per NOAA guidelines Renewed 2017 (every three years)
 - a. Due for Renewal April 2020
 2. Continue to refine the flood-threat recognition system for the community in coordination with Collier County, Emergency Management.
 3. Participate in the County’s annual hurricane / flood exercise.
 4. Internal Emergency Services, annual emergency operations class, and annual hurricane preparedness workshop
 5. Work with department heads to ensure their portion of the Comprehensive Emergency Management Plan is current and updated annually.
- A. Critical Facility
- i. Current as of 06/01/2018

Marco Island Critical Facilities

(Flooding)

Phone

EM Plan

Alternate Comm

Remarks

Caxambas Boat Park/Ramp		Yes	X (Wx Radio)	No e-mail
909 Collier Court	(239) 394-1997-f			
POC #1: Frank Spina	(239) 298-2976 - c			
POC #2: Cindy Biatt	(239) 770-6595 - c			
Century Link Vault	(239) 263-6205-o			
410 Bald Eagle Dr.	(239) 394-1019-f	Yes	X (Wx Radio)	John.Bocuck@centurylink.com
POC# 1: John Bocuck	(239) 963-6293-c			
Collier County Sheriff Marine Facility	(239) 394-9911-o			
990 North Barfield Drive	(239) 394-8926-f		X (Wx Radio)	
POC# 1: Sgt. Dave Bruening	(239) 253-3768-c	Yes	UHF/VHF	david.bruening@colliersheriff.org
Collier County Business Center	(239) 394-6986-o	Yes	X (Wx Radio)	officen74@flhsmv.gov
1040 Winterberry Dr.	(239) 394-7542-f			
POC# 1: Tresa Dorris	(239) 595-0458-c			
Lee County Electric Coop (LCEC) Sub Station 1				
415 Lily Court	(239)292-3142-c	Yes	X (Wx Radio)	trish.dorn@lcec.net
POC# 1: Tricia Dorn	(239) 656-2164-o			Site unmanned
Lee County Electric Coop (LCEC) Sub Station 2				
808 Elksam Circle	(239)292-3142-c	Yes	X (Wx Radio)	trish.dorn@lcec.net

POC# 1: Tricia Dorn	(239) 656-2164-o		Site unmanned
Marco Island City Hall			
50 Bald Eagle Drive	(239) 389-5000-o	Yes	X (Wx Radio)
POC #1: Mike McNeese	(239) 206-6736-c		
POC# 2: Laura Litzan	(239) 389-5010-o		LLitzan@cityofmarcoisland.com

	<u>Phone</u>	<u>EM Plan</u>	<u>Alternate Comm</u>	<u>Remarks</u>
Marco Island Fire & Rescue (Station 50)	(239) 389-5040-o	Yes	X (Wx Radio)	
1280 San Marco Road	(239) 393-0099-f		VHF/UHF/800Mhz	
POC# 1: Chief Mike Murphy	(239) 825-0503-c		Warning Point	mmurphy@cityofmarcoisland.com
POC# 2: Dave Batiato	(239) 825-9051 – c			dbatiato@cityofmarcoisland.com
Marco Island Fire Station 51	(239) 389-5040-o		VHF/UHF	
751 East Elkcarn Circle				
POC# 1: Dave Batiato	(239)825-9051 – c			dbatiato@cityofmarcoisland.com
Marco Island Branch Library	(239) 394-3272-o	Yes	X (Wx Radio)	jreilly@colliergov.net
210 Heathwood Drive, South	(239) 394-2383-f			
POC# 1: Jamie Reilly	(941) 534-1033-c			
POC# 2: Opal	(239) 641-5038-c			
Marco Island Police Department	(239) 389-5050-o			

51 Bald Eagle Drive	(239) 394-6956-f	Yes	X(Wx Radio)	
POC# 1: Capt Dave Baer	(239) 825-9728-c		UHF/VHF/800Mhz	dbaer@cityofmarcoisland.com
POC# 2: Chief Frazzano			Warning Point + ham	TFrazzano@cityofmarcoisland.com
*The Chalet Condo Antenna Site (under Police not separate)				
Marco Island Historical Museum	(239) 642-1440-o	Yes	X (Wx Radio)	jenniferperry@colliergov.net
180 Heathwood Dr., South	(239) 389-6447-f			
POC# 1: Jennifer Perry	(239) 821-1444-c			
POC# 2: Patricia Rutledge	(239) 736-3582-c			
Marco Island Water Department	(239) 389-3408-o	Yes	X (Wx radio)	replant@cityofmarcoisland.com
415 Lily Court				
POC #1: Jack Green	(239)825-5058-c			
POC #2: Scott Henrickson	(239) 259-6009-c			

Phone

EM Plan

Alternate Comm

Remarks

Marco Island Waste Water Department	(239) 394-3168-o	Yes	X (Wx Radio)	jpoteet@cityofmarcoisland.com
750 East Elkcarn Circle			VHS/800Mhz	
POC# 1: Joe Potett	(239) 825-9003-c			

POC# 2: Justin	(786) 529-6220-c			
Marco Island Public Utilities (R&B)	(239) 825-9554	Yes	X (Wx Radio)	mdanials@cityofmarcoisland.com
399 ½ Lily Ct.			800Mhz	
POC# 1: Mike Danials	(239)272-9816			
Marco Island Post Office	(239) 394-5245-o; (239) 394-5245-f			
600 East Elkcarn Circle	(239) 394-2818-emer only			
POC# 1: Michael Gomez (Postmaster)	(239) 810-7636-c	Yes	X (Wx Radio)	Michael.c.gomez@usps.gov
POC# 2: David	(614) 332-7784-c			
North Marco Island Utilities	(239) 389-3972	Yes	X (Wx Radio)	
807 East Elkcarn Circle				
POC # 1: Scott Henrickson	(239) 825-5243-c			
POC# 2: Jon Pratt	(239)450-2272-c			
NCH Healthcare Center	(239) 394-8234-o			
40 Heathwood Drive, South	(239) 394-4510-f	Yes	X(Wx Radio)	elizabet.novakovich@nchmd.org
POC# 1: Betsy Novakovich	(330) 501-6248-c			
POC# 2: Dianne	(239) 250-6116-c			
Physicians Regional Healthcare	(239) 394-1670-o			

1839 San Marco Blvd.	(239) 394-1541-f	Yes	X(Wx Radio)	scott.love@physiciansregional.com
POC# 1: Daek Wakefield	(571) 233-6587-c			
U.S. Coast Guard Auxiliary 95	(239) 394-5911-o			
909 Collier Court		Yes	X(Wx Radio)	keith.wolhtman@gmail.com
POC# 1: Keith Wohltman	(239) 300-8096-c		UHF/VHF	
POC# 2: Doug Bartlett	(847) 875-3339-c			

Schools/Parks

	<u>Phone</u>	<u>EM Plan</u>	<u>Alternate Comm</u>	<u>Remarks</u>
Mackle Community Park	(239) 389-3917-o			
1361 Andalusia Terrace	(239) 642-6475-f			
POC# 1: Samantha Maloy	(239) 272-9125 - c	Yes	X (Wx Radio)	smalloy@cityofmarcoisland.com
POC# 2: Martha Montgomery	(239) 776-8411 - c			mmontgomery@cityofmarcoisland.com
Tommy Barfield Elementary School	(239) 377-8500-o			
101 Kirkwood Street	(239) 377-8501-f	Yes	X (Wx Radio)	stewarka@collierschools.com
POC# 1: Dan Dupis	(770) 841-5621-c			
POC# 2: Karey Stewart	(239) 272-2278-c			

Marco Island Charter School Middle School	(239) 337-3200-o			
1401 Trinidad Ave	(239) 337-3201-f	Yes	X (Wx Radio)	marcouma@collierschools.com
POC# 1: George Abounade	(239) 272-3962-c			
POC# 2: Scott Hurley	(239) 289-2799-c			
Marco Island Academy High School	(239) 393-5143-o			
2255 San marco Road	(239) 393-5143-f	Yes	X (Wx Radio)	mrsdeneenrose@gmail.com
POC# 1: Melissa	(703)217-9085-c			
POC# 2: Kelly	(847-833-7258-c			

VI. Maps – On-Going

- A. Digital Flood Insurance Rate Map (DFIRM)
 - a. Current FIRM date 05/16/2012
 - i. Available at: http://marco.maps.arcgis.com/home/webmap/viewer.html?webmap=e7c5ba4_9b0e5449f9e600680be2e1b75
 - b. Preliminary FIRMs
 - i. Available at: <https://fema.maps.arcgis.com/apps/webappviewer/index.html?id=e7a7dc3ebd7f4ad39bb8e485bb64ce44>
 - 1. Hosted FEMA open house – 369 residents attended to learn about their flood risk
 - 2. City of Marco Island has hired JR Evans Engineer to evaluate FEMA's results for the new Coastal FIRMs
 - 3. Substantial increase to the overall base flood elevation
 - c. Flood Insurance Rate Map (FIRM)
 - i. Continue to maintain a file of all prior year FIRMs
 - d. Letter of Map changes
 - i. Work diligently with I.T. to ensure the City of Marco Island's DFIRM is updated regularly.
 - 1. Combined total of 23 Letter of Map Revisions
 - 2. Combined total of 11 Letter of Map Amendments
 - e. Coastal Barrier Resources System Act (COBRA)
 - i. 02/29/2016 Correction of John H. Chafee Coastal Barrier Resources System Act (CBRA) map affecting Marco Island.

VII. Miscellaneous – On-Going

- A. Floodplain Ordinance - Continue
 - ii. Working with Ms. Rebecca Quinn of the State of Florida to update our floodplain ordinance

- a. The final draft has been completed and is currently be reviewed by the Growth Management Director who will forward to the City Attorney.

B. Flood Insurance

1. 16,166 flood insurance policies on the Island, 72 policies are located outside of the special flood hazard area
2. Average premium cost \$615
 - i. Average CRS Savings \$204
 - ii. Combined Total \$3,295,280