

## Mitigating Mosquitoes

I know this is not the typical time of year that we look to mitigate against mosquitoes but due to the warmer wetter weather the little buggers are finding places to breed. How can you help mitigate against mosquitoes? Take away their breeding grounds. Miami-Dade Solid Waste Management Mosquito Control has lots of great information on their website to help mitigate this problem. Drain and Cover.

First you want to ensure you drain any standing sprinkler or rain water from outside of your homes and businesses. This includes:

- Garbage cans
- Gutters
- Pool covers
- Flower pots or other containers where water has collected
- Discard old tires, drums, bottles, cans or other items that aren't being used from landscaped areas
- Empty and clean birdbaths and pet's water bowls at least once or twice a week
- Maintain your pool chemistry

The other measure you can take is to cover your skin with clothing, like long sleeve shirts and pants. Apply mosquito repellent to bare skin and clothing. They say that repellents with DEET, picaridin, oil of lemon eucalyptus and IR3535 are effective. Be sure to follow the directions on the labels carefully. Cover your doors and windows with screens to keep mosquitoes out of your house.

For more information and educational materials go to <http://www.miamidade.gov/solidwaste/mosquito-control.asp>

Did you know that bromeliads, as beautiful as they are, hold water and can become mosquito breeding grounds?

If you have a mosquito problem in your area that you can't mitigate you can report it to 3-1-1 or on line <http://www.miamidade.gov/311direct/#/map/c08/PW6102/default>

## Zika Virus

I have attached a Flash Report on the Zika Virus to bring you up to speed. We are fortunate that we have not had a case that has originated here. The best way for us to help combat this at this point is to do our part for mosquito control.

## LMS Calendar

<http://www.miamidade.gov/fire/mitigation.asp>

### Next LMS Quarterly Meeting:

**Date:** March 16, 2016

**Time:** 9:30-11:30 am

**Location:** TBD

All Working Group Members and the public are welcome to attend.

### SubCommittee Meetings:

None at this time

### Future Quarterly Meetings:

June 15, 2016

September 21, 2016

December 14, 2016

## CRS Training Classes in February

I am attaching the flyers and registration information for two classes, for those that are interested in attending. They are both happening the same week unfortunately, but never the less are great opportunities.

1. The **L-278 Class** is a four day class that reviews the **Community Rating System Coordinator Manual**. This class is great for those of you who are responsible for your CRS material and visit and/or those of you who want to become CRS communities and need to know more about the activities you need to do to get as many points as possible.

This class is sponsored by the MD Office of Emergency Management and will be from **February 23 – 26** – all day for four days. There is no charge to you for this class. You must register with Jovanna Minnery from AMEC .

Since we offered this class two years ago and we are utilizing grant money for it and we have limited space this is how we will prioritize those that are interested:

- If you want to send more than one person from your agency – please tell us your priority ranking –if we have space we will accommodate all, but we want to try to get at least one person from each interested jurisdiction
- We will prioritize people from our Region first, then consider people from outside if space is available
- We will prioritize those who have not taken this class yet – so if you took it two years ago we will consider you if we have space available.
- We will prioritize those who have or will have an active role in their flood plain management and CRS program.

Email Jovanna Minnery at [jovanna.minnery@amecfw.com](mailto:jovanna.minnery@amecfw.com) to get registered. See the flyer for additional information. Or you can fill out the registration form and send it to her.

2. For those you who may have already taken the L-278 – The City of Doral is sponsoring **G-194 the Advance Floodplain Management Concepts I** class – this will be **February 22-25** and there is a fee. Please see the attached flyer if you are interested. The registration process is identified on the flyer. If you need more information you can reach out to Mark Hagerty from city of Coral at 305-593-6700 xt 3111 or at [mark.hagerty@cityofdoral.com](mailto:mark.hagerty@cityofdoral.com)

## Mitigation Progress

Every year we submit an annual report to the State and also to the County to report on the progress we have made over the last year. Based on the updates you provided in the database, you have all been very busy. Thank you for all of your continued work for the community.

## 2015 Projects Reported as Completed

Local Mitigation Strategy Project Status Reported 01/2015-12/31/2015			
Completed Projects			Funding Source
Aventura	NE 29 Place Phase 1 drainage work	425,000.00	FDEP
Cutler Bay	Caribbean Boulevard JPA project reduce flooding and increase traffic flow	11,173,054.00	CITT funds
Cutler Bay	SW 212 Street Drainage Improvements from SW 87 Ave to SW 85 Ave	850,000.00	TAP & FL Leg. Approp. Grant
Emergency Management	Arnold Hall South Engineering Study	50,000.00	State Shelter Retrofit
Emergency Management	Reilly Coliseum Engineering Study	50,000.00	State Shelter Retrofit
Emergency Management	Edwards Hall Engineering Study	50,000.00	State Shelter Retrofit
Emergency Management	Arnold and Edwards Connector Hall Engineering Study	50,000.00	State Shelter Retrofit
Emergency Management	Arnold Hall North Engineering Study	50,000.00	State Shelter Retrofit
Florida City	Generator for Underground Drainage for Friedland Manor	904,739.00	State Small City CDBG and City Funds
Homestead	EOC equipment to support activations	450,000.00	Capital Improvement
Homestead	Land acquisition for storm water drainage	3,000,000.00	Capital Improvement
Homestead	Retrofit of City Hall and EOC to Category 5 hurricanes.	3,958,500.00	HMGP, EOC Grant, General Fund
Homestead	Emergency generators for EOC	58,382.00	New City Hall Building fund
Key Biscayne	Erosion Control Implementation	10,000.00	Public Works General fund
Key Biscayne	Stormwater outfall rehabilitation on Harbor Drive	150,000.00	Stormwater Utility and grant
Miami	Training Center and back up EOC Elevator refurbishment	150,000.00	PDM
Miami	Brennan Channel marker replacement	65,000.00	*
Miami Dade College	Hialeah Campus installation of hurricane shutters/window protection Building 1000.	250,000.00	HMGP
Mount Sinai	Purchase twelve synchronized generators to protect patient power supply	5,000,000.00	Grants and Loans for Public Works and Development Facilities
Mount Sinai	Relocation of generators for energy facility into hurricane rated enclosure above storm surge	8,994,838.00	State DEM
Mount Sinai	Provide hurricane rated structures to protect power equipment and ensure connection to central energy plant	7,351,169.00	HMGP
Seaport	Construction of New Seawall - Area 2	9,600,000.00	FDOT
Seaport	Storm Bollards	70,115.00	Seaport Funds
Seaport	Concrete Panels	619,858.00	Seaport Funds
Sweetwater	Stormwater Improvements Phase IIB North Project	1,600,000.00	US EPA, Miami Dade GOB
University of Miami	Hospital wind mitigation and roof tie downs	4,100,000.00	PDM

Local Mitigation Strategy Project Status Reported 01/2015-12/31/2015			
Completed Total	# of Projects: 26	\$58,960,540.00	
Under Construction			Funding Source
Bal Harbour	IT Enhancements to hardware, software and security.	170,800.00	Capital Improvement
Biscayne Park	New Municipal/Public Safety Building	856,000.00	Grant Awarded
Coral Gables	Fire Station #3 Hurricane shutters	88,000.00	Capital Improvement
Cutler Bay	Reduction of Floating Debris	60,000.00	Funding Secured
Cutler Bay	Portable Traffic Control Signs	200,000.00	Grant
Cutler Bay	Flood Zone Data GIS System	140,000.00	Stormwater Utility Fees
Cutler Bay	Municipal AM Emergency Radio Broadcast Station	85,000.00	Grant
Cutler Bay	Removal of Australian Pines and other Exotics	85,000.00	Town Budget
Cutler Bay	Emergency Portable Air Conditioner Units	120,000.00	Grant
El Portal	Village of El Portal Stormwater Improvements	10,000,000.00	Capital Improvement
Hialeah	Roadway/Stormwater Improvements (SE 4 ST to HIA DR from 6-8 AVE)	151,469.00	City Capital Improvement
Hialeah Gardens	Central District Drainage Improvements	2,500,000.00	Capital Improvement
Homestead	Upgrade OCB's (Oil Circuit Breakers) with VCB's (Vacuum Circuit Breakers)	150,000.00	Capital Improvement
Homestead	Improve Transportation Infrastructure	2,000,000.00	Miami-Dade County Roads and State of Florida Roads
Homestead	Wastewater Infiltration/Inflow	2,400,000.00	Capital Improvement
Homestead	Sidewalks/ Roadway Improvements	200,000.00	Capital Improvement Plan
Homestead	Improvements to Existing Buildings	500,000.00	Capital Improvement
Homestead	New Sewer Mains	2,000,000.00	Capital Improvement
Homestead	Sewer lines in the Northwest Neighborhood and the West Industrial Area	3,300,000.00	Capital Improvement
Homestead	Installation of storm shutters and/or Impact Resistant Windows at different locations	1,000,000.00	Capital Improvement
Homestead	Police Station Security/Hardening	50,000.00	Bond Issue
Homestead	City Hall Security Enhancement	60,000.00	New City Hall building fund
Homestead	Customer Service & Finance Security Enhancement	65,000.00	New City Hall Building Fund
Jackson	Wind Retrofit Project at RTC	8,589,588.00	FEMA Grant
Key Biscayne	Traffic Signage & Pavement Marking Improvements Master plan	40,000.00	Capital Improvement
Key Biscayne	Comprehensive Review of Local Laws and Regulations	5,000.00	Stormwater Utility Fund
Miami Beach	Venetian Islands Drainage Improvements	9,100,000.00	Grant Applied For

Local Mitigation Strategy Project Status Reported 01/2015-12/31/2015			
Under Construction continued			Funding Source
Miami Beach	Drainage Hot Spots	**	Grant
Miami Beach	Venetian Islands – Neighborhood Improvements	**	Grant
Miami Beach	Sunset Islands 3 & 4 – Neighborhood Improvements	**	Grant
Miami Beach	Lower North Bay Road – Neighborhood Improvements	**	Grant
Miami Beach	Citywide Dune Restoration & Enhancement Project	400,000.00	Grant
Miami Gardens	Create GIS Layer for Storm Sewer Infrastructure	100,000.00	*
Miami Springs	Removal of Australian Pines	14,000.00	Other Internal Funding
Mount Sinai	Code Plus Construction Enhancements Surgical Tower	6,500,000.00	FEMA
North Miami	Flood Prevention and Mitigation: Drainage Basin13	500,000.00	Capital Improvement
North Miami	Sanitary Sewer Backup	700,000.00	Capital Improvement
North Miami	Surge Resistance and Flood Mitigation at Keystone Point and Sans Souci	500,000.00	Capital Improvement
North Miami Beach	NE 172nd Drainage Improvement	17,916.92	Capital Improvement
North Miami Beach	Install Additional Storm Water Basins or Increase Existing Basins	60,000.00	Capital Improvement
North Miami Beach	Construct Storm Water System that may include Injection Wells in Areas Prone to Flooding	120,000.00	Capital Improvement
North Miami Beach	Clean and Improve Drainage Systems	428,400.00	Capital Improvement
North Miami Beach	Eastern Shores Drainage Repair/Replacement	450,000.00	Capital Improvement
Palmetto Bay	Flood Zone Data Maintenance: GIS System	100,000.00	Capital Improvement
Palmetto Bay	Localized Drainage Improvements	900,000.00	Capital Improvement
Public Housing And Community Development	Ward Tower	1,920,400.00	Capital Improvement
Public Housing and Community Development	Haley Sofge Towers	1,000,000.00	Capital Improvement
Public Housing and Community Development	Haley Sofge Towers	2,056,321.00	Capital Improvement
Sweetwater	South Florida Water Management District Flood Protection Berm	1,000,000.00	SFWMD
West Miami	Impact Resistant Windows for City Hall	52,000.00	CDBG
<b>Under Construction Total</b>	<b># of Projects: 50</b>	<b>\$ 60,732,894.92</b>	
Funded - Not Yet Started			
MD Public Works	SW 157 AVE Canal Interconnect	**	Capital Improvement
Aventura	Stormwater Drainage Projects	**	Capital Improvement

Local Mitigation Strategy Project Status Reported 01/2015-12/31/2015			
Funded - Not Yet Started continued			
Coral Gables	Basin Inflow and Infiltration Upgrade	1,179,793.00	Other Internal Funding
Cutler Bay	Preventive Pruning of Existing Town Tree Inventory	285,000.00	Budgeted F.Y. 2015 - 2016
Cutler Bay	Debris Removal	400,000.00	*
Cutler Bay	Storm Water Outfalls	500,000.00	Stormwater Utility Fund
Doral	Installation of Transfer Switch at Morgan Levy Park for Emergency Power	50,000.00	City General Fund
Doral	Stormwater Improvements 5-Year CIP: Year 2	1,017,150.00	State of Florida legislation
Doral	NW 33 St. from NW 82 Ave. to NW 79 Ave. Roadway Improvements	1,600,000.00	FDEP Grant
Hialeah	Roadway Reconstruction (W 8-10 Ave from W 31-33 Street)	1,625,000.00	Storm Sewer
Homestead	New Sewer Mains: To upgrade sewer main/lines to eliminate raw sewage from leaking into the water table.	2,000,000.00	City General Fund - Secured
Jackson	JMH Campus Wide Roof Replacement	2,500,000.00	CDBG
Jackson	Utility/Energy Center at JMH	5,290,000.00	Capital Improvement
Jackson	Emergency Switchgear Replacements at JNMC	6,950,000.00	Jackson's Bond Referendum 11/05/2013
Jackson	Volt Oil Switch Replacements	7,350,000.00	GOB 2005 & Jackson's Bond Referendum 11/05/2013
Key Biscayne	Coastal Dune Vegetation	10,000.00	Capital Improvement
Key Biscayne	New Stormwater Outfall Construction	210,000.00	Stormwater Improvement Fund
Key Biscayne	Drainage Improvements on Fernwood Road & Hampton Road	465,275.00	Stormwater Utility Fund Capital Expenditures
Key Biscayne	Flap Gates at Outfalls (Backflow Prevention)	600,000.00	Other Internal Funding
MD Public Works	NW 19 Avenue and NW 84 Street	120,000.00	Internal Funding
MD Public Works	NW 39 Street and NW 25 Avenue	130,000.00	Internal Funding
MD Public Works	NE 6 AVE & NE 185 Street; NE Miami CT, from NE 196-198 ST; NW 22 AVE & NW 175 ST; North DR & NE 14 AVE	835,000.00	Stormwater Utility Capital Expenditures
MD Public Works	Seaboard Acres Pump Station	1,500,000.00	FDOT -
MD Public Works	Larchmont Gardens Pump Station	1,671,841.00	Other Internal Funding
MD Public Works	NE 149 Street, from NE 10 Ave to NE 14 Ave	340,000.00	
Mount Sinai	Code Plus Construction Energy Center Facility Protect Redundant Power Supply	250,000.00	Other Internal Funding
Mount Sinai	Code Plus Construction Enhancements New Medical Office Tower	3,750,000.00	Other Internal Funding

Local Mitigation Strategy Project Status Reported 01/2015-12/31/2015			
Funded - Not Yet Started continued			
Mount Sinai	Elevate Seawall	7,000,000.00	Private and bond funding.
North Miami Beach	Dead End Eliminations	42,000.00	Capital Improvement
North Miami Beach	Drainage in Alleyways	50,000.00	Capital Improvement
North Miami Beach	Leak Detection Services	50,000.00	Capital Improvement
North Miami Beach	Storm Water Pump Replacement Program	50,000.00	Capital Improvement
North Miami Beach	Force Main Installations and Lift Stations Rehabilitations	125,000.00	Capital Improvement
North Miami Beach	Pump Replacements	165,000.00	Capital Improvement
North Miami Beach	Inflow and Infiltration Prevention	250,000.00	CIP Capital Improvement
North Miami Beach	Fire Flow Improvements	320,000.00	Capital Improvement
North Miami Beach	Trenchless Pipe Replacements	325,000.00	Capital Improvement
North Miami Beach	Roadway Improvements	327,000.00	Capital Improvement
North Miami Beach	Storm Water Improvement City-Wide	336,885.00	Capital Improvement
North Miami Beach	Aerial Pipe Crossings	350,000.00	Capital Improvement
Pinecrest	Purchase of Portable Two-Way Radios	110,000.00	Internal Funding
Virginia Gardens	VG - NW 40 street Stormwater Improvement Project	500,000.00	Other Internal Funding
Virginia Gardens	VG - 66 avenue storm drain, ADA, and road widening project	650,000.00	Capital Improvement
<b>Funded - Not Yet Started</b>	<b># of Projects: 43</b>	<b>\$ 51,281,944.00</b>	
<b>Total Projects</b>	<b>129</b>	<b>\$ 170,975,378.92</b>	

\* Funding source not provided

\*\* Project estimates were not available at time document went to print.

- As always if you have any questions, ideas or concerns please feel free to email me at [perkins@miamidade.gov](mailto:perkins@miamidade.gov) or call me at 305-468-5429.