



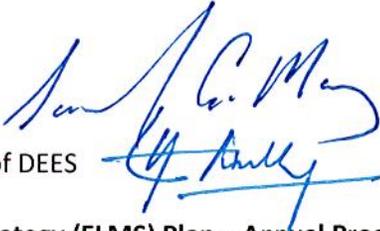
# INTEROFFICE MEMORANDUM

## FROM THE DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

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**DATE:** February 8, 2018

**TO:** Mayor and City Commission

**THRU:** Samuel A. May, City Manager 

**FROM:** Reddy Chitepu, P.E., Director of DEES 

**RE:** Enhanced Local Mitigation Strategy (ELMS) Plan – Annual Progress Report

The FEMA National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community hazard mitigation activities that surpass minimum NFIP requirements. As part of the program, the City is required to adopt a Hazard Mitigation plan and prepare a monitoring/implementation progress report annually to the City Commission. This memo serves as the progress report.

City Resolution #17-145, dated November 15, 2017, adopted the Broward County Enhanced Local Mitigation Strategy (ELMS), dated October 2017, to comply with the CRS requirements as described above. The County ELMS complies with the local hazard mitigation requirements of Section 322 of the Disaster Mitigation Act of 2000 (DMA 2000) as implemented in 44CFR, Part 201.

To receive credit under the CRS program, this memo is distributed to the media and made available to the public. As such, copies of this report will be available at Margate's City Hall (5790 Margate Boulevard) and Department of Environmental and Engineering Services office (901 NW 66<sup>th</sup> Avenue). An electronic copy will be posted on the City of Margate's Flood Information website <http://www.margatefl.com/473/Flood-Information-Maps>. In addition, the Broward County ELMS plan can be obtained from the Broward County's Emergency Management website at <http://www.broward.org/Emergency/Business/Pages/MitigationPlan.aspx>.

### Background:

The City of Margate has been a CRS community since the year 2000 and is currently classified as a Class 7 community. This classification equates to a 15% discount on flood insurance policies for properties located within the Special Flood Hazard Areas (SFHA) and a 5% discount for properties outside of the SFHA. The City is a member of the Broward County ELMS Working Group along with 31 other Municipal Communities in the County. The working group contributed to the development and implementation of the ELMS plan.

As a result of the City's participation in the CRS program, flood insurance premium rates are discounted to reflect the reduced hazard risk resulting from the community actions meeting the three goals of the CRS:

1. Reduce flood damage and losses to insurable properties;
2. Strengthen and support the insurance aspects of the NFIP ; and
3. Encourage a comprehensive approach to floodplain management.

The City accomplishes these three main goals through several floodplain management activities including, but not limited to, a partnership with Broward County, distribution of community outreach pamphlets and newsletters, maintenance of its flood information website, maintenance and inspection of stormwater controls, floodplain/stormwater code enforcement, planning and zoning, and permitting. These activities are discussed below.

### **Review of Plan Action Items:**

The following activities are monitored and implemented annually as required by the CRS program:

1. Provide updates to City Officials and the public on CRS programs and the National Pollutant Discharge Elimination System (NPDES) program.
2. Maintain or enhance the City of Margate's CRS classification rating of 7. The Department of Homeland Security, Federal Emergency Management Agency (FEMA) Insurance Services Office (ISO) conducted a cycle visit/audit on July 19, 2016. The City is currently in the re-evaluation process.
3. Maintain the intergovernmental agreement with Broward County for ELMS and NPDES. The City is a member of and has City representation at Broward County NPDES MS4 and Broward County ELMS Working Group meetings. Broward County ELMS 5-Year update was approved by Florida Division of Emergency Management on October 18, 2017. On November 15, 2017, the City adopted the plan by resolution 17-145. FEMA approved the City's adoption of the plan on January 8, 2018 for a period of five (5) years to end on March 12, 2023.
4. Provide Flood protection information to residents and businesses through various means:
  - a. Flood Protection brochures are available at City Hall, the DEES Administration Building, the Margate Catharine Young Public Library, Northwest Focal Point Senior Center, the Leonard Weisinger Community Center and the City's Flood Information web page. Flood Protection Brochures are updated annually and are posted on the City's website and mailed to all City of Margate property owners that are currently in the Special Flood Hazard Area (SFHA) and repetitive loss areas.
  - b. Communicate with residents through letters, telephone calls and personal appointments, regarding their flood zones, and the importance of flood insurance.
5. Enforce the stormwater and floodplain management provisions of the City's zoning, subdivision and building code ordinances for new developments in the watershed.
6. Enforce stream dumping regulations.

7. Maintain the Flood System Threat Recognition (Code Red).
8. Enforce the Florida Building Code, including maintenance of Elevation Certificates on all new and substantially improved buildings in the Special Flood Hazard Areas (SFHA).
9. Continue to maintain the database for all permits issued, especially for new or substantially improved buildings. Building improvements and repairs are maintained and can be tracked in the AS/400 HTE database. Enforce the requirement for all new buildings to be elevated above the base flood elevation for flood protection.
10. Provide flood assistance/information to anyone requesting such assistance/information. Use and update Margate's flood data and provide property protection information and flood management data to repetitive loss properties and the entire community.
11. Utilize the Geographical Information Systems (GIS) to provide Flood Insurance Rate Map (FIRM) information and Elevation Certificates to parties who request it. Maintain an updated FIRM including older versions of the City's FIRM.
12. Preserve open space in the City especially in the floodplain. Many City parks and other open space areas in Margate are deed restricted to prevent development on the land.
13. Maintain benchmarks within the City through the cooperation of state and county agencies.
14. Ensure that the City's comprehensive plan and capital improvement program address floodplain issues.
15. Continue to review and update local codes, ordinances, and procedures related to flood management, hazard mitigation and planning.
16. Continue to review and update flood protection information, flood protection plan update, brochures, City's website, newsletters, and other media sources on a regular basis to keep the community properly informed.
17. Enforce the use of NAVD88 elevation standards for permitting and elevation certificates.
18. Acquire and maintain elevation certificates for new developments.
19. Continue to maintain, make improvements to and update the stormwater system maintenance program.
20. Continue to implement drainage system maintenance programs, including inspection and cleanup of all City stormwater and drainage infrastructure.

**Recommendations:**

1. Continue to participate in NFIP/CRS activities to maintain or enhance the City's Class 7 rating.

2. Continue to maintain floodplain management activities and implement the ongoing floodplain management optimization strategies and recommendations from various City departments, the Local Mitigation Strategy Working Group, and the NPDES program.
3. Continue to rehabilitate canal banks through the canal bank restoration program, as needed.
4. Continue with implementation of the comprehensive stormwater pipeline rehabilitation program.
5. Progressively update the City's website to provide convenient access to flood information, and continue to provide protection assistance and accessible documents to the entire community.