



CITY OF LIGHTHOUSE POINT

FLOODPLAIN MANAGEMENT PLAN 2009 ANNUAL PROGRESS REPORT

Introduction:

The City of Lighthouse Point has prepared this Floodplain Management Plan Annual Progress Report to comply with the requirements for receiving credit for Activity 510 "Floodplain Management Planning" of the Community Rating System (CRS), National Flood Insurance Program.

The City of Lighthouse received credit for Activity 510, CRS Floodplain Management Planning for its adoption of the Broward County Local Mitigation Strategy (LMS) Plan. This credit occurred as a result of the five year cycle verification visit conducted by the Community Rating System/Insurance Service Office (CRS/ISO) in 2008. As a requirement for continued credit of these points, the City must prepare an annual progress report regarding its floodplain management plan. This report is provided to CRS annually with its recertification report.

In addition, as a result of the five year cycle verification visit the U.S. Department of Homeland Security, Federal Emergency Management Agency provided official notification on July 19, 2009 of an upgrade in the City of Lighthouse Point's CRS Class Rating from an 8 to a 7. This new rating provides the City's residents and commercial business owners a fifteen percent (15%) discount in the premium cost of flood insurance.

The City of Lighthouse Point has joined with other municipalities and Broward County to partner in the establishment of a Broward County Local Mitigation Strategy (LMS) Plan. The City is a participating partner of the Local Mitigation Strategy Working Group, and its Planning Subcommittee. This past year, the LMS Working Group, chaired by Broward County LMS Coordinator, prepared the five year update of the LMS Plan. The final draft of this plan has been submitted to the State of Florida on August 19, 2009. Upon review and approval by the State of Florida the LMS Plan will then be submitted to the Federal Emergency Management Agency for final review and approval. At the present time, the City and its counterparts in the Plan are adhering to the 2004 LMS Plan which will remain in effect until the approval and adoption of the updated LMS Plan.

To satisfy requirements in the five year update of the Plan, the City provided a narrative stating its activities and continued compliance with the National Flood Insurance

Program (NFIP). The City's narrative is attached to this report for further documentation in its intent to continue with its CRS activities.

This annual progress report will review the goals and objectives set forth in the 2004 LMS plan which the City has previously adopted. The goals and objectives can be found in Appendix A of the 2004 Broward County Local Mitigation Strategy Plan.

Goal 1: To increase the business, residential and public community's awareness of hazard mitigation.

The City of Lighthouse Point provided to all of the City residents and commercial business owners in the official newsletter of the City Lighthouse Point, edition October 2008, a two page Flood Protection Information document. This included information on flood preparedness, prevention, safety and insurance and also included information on the City's drainage system maintenance. Contact information was provided as reference for residents and business owners to seek additional assistance or further information.

The City's official website www.lighthousepoint.com provides hazard mitigation information on its home page, which includes a link the Broward County Hurricane Guide, and a link to "Flood" which takes the reader to the various Federal Emergency Management Agency (FEMA) links on hazard and flood information. The City's Building Department home page includes information and links for further information on the City's drainage system maintenance, FEMA National Flood Insurance Program Elevation Certificate and Instructions, Flood Protection Assistance, Important Flood Information, and Flood Elevation Maps. In addition, the Doreen Gauthier Lighthouse Point Library has numerous reference materials available to the public to view, photocopy, or for circulation. The Library continues to update its FEMA materials on hazard and flood mitigation.

Overall, the Broward County Emergency Management Agency serves as the clearinghouse for providing disaster information to its residents. The primary role of the Agency is the management of all emergency preparedness for the County population. The Agency is tasked with developing preparedness plans for natural and man-made disasters that may occur in the county and disseminating this information to the municipalities and residents and business owners living within Broward County.

Goal 2: To ensure adequate training opportunities to support hazard mitigation.

Several City staff attended the Governor's Hurricane Conference in May 2008. The Emergency Coordinator for the City and support staff attended the annual Hurricane Preparation Workshop at Broward County Emergency Operations Center. Throughout the calendar year the City's Emergency Coordinator attends the monthly Emergency Coordinating Council meetings at the Emergency Operations Center. The City conducts an annual Pre-Hurricane Season Workshop which includes all Department Directors and key personnel.

The Public Works Department provided training opportunities to staff that included Broward County “Know the Flow” seminar which provided information on the importance of proper drainage maintenance of the City’s system. All of the Public Works personnel received training in “Best Management Practices” for landscape, infrastructure and building maintenance to avoid contamination to the City’s drainage system, and subsequently the City’s waterways.

Two (2) City staff members received FEMA certification for Incident Management Command Class in IS-00300 conducted by the State of Florida Emergency Management Agency through the Broward County Emergency Management Agency.

Three (3) newly hired city employees all received certification in the introductory courses of IS 00700, 00100 and 00200, in this reporting period.

The Public Works Administrator participates in the Broward County LMS Working Group and its Planning Subcommittee which was organized this past year.

Goal 3: To facilitate preparedness measures to mitigate hazards (structural)

In the past year, the City completed wind retrofitting the Public Works Department buildings (2) and the Dixon Ahl Hall Community Center. The funding for this project was made available by FEMA’s Hazard Mitigation Grant Program. At the completion of this project, the City’s municipal structures are now all wind retrofitted with accordion hurricane shutters.

The City follows the State of Florida Building Code, in its enforcement of disaster mitigation construction techniques. The makeup of the City is mostly residential homes, with a small percentage of general, retail and service businesses along the U.S. #1 Highway corridor. It is landlocked and totally built out at this time. Any redevelopment would follow the current Florida Building Code.

The Building Department provides the assistance to residents and contractors with regard to elevation certificates, and FIRM determinations, and any inquiries such as, specific flood prevention measures and type of structures allowed in the City’s special flood hazard zone (AE) which encompasses the majority of the City. As a requirement for the CRS annual recertification a log is kept within the Building Department of such inquiries.

Goal 4: To facilitate planning initiatives to ensure effective hazard mitigation (programs and policies)

As stated in the Introduction of this report, City staff participates in several facets to ensure effective mitigation programs and policies with its counterparts, locally and regionally. City staff are members of the Broward County LMS Working Group and the Broward County Emergency Coordinating Council which both are tasked with hazard mitigation responsibilities. The Emergency Coordinator as part of the ECC works within

the organization to facilitate evacuation times for the City's population. The Police Department handles the Special Needs Evacuation List in both the preparation of the list and the management at the time of evacuation. Additionally, the City participates with the South Florida Water Management District in its stormwater improvement programs and projects.

Prior to the 2008 five year cycle verification visit conducted by CRS, the City held a Class 8 rating. As a result of the verification visit, the City was officially awarded by the U.S. Homeland Security, Federal Emergency Management Agency a Class Rating of 7. This annual progress report will be included as an attachment to the City's annual CRS recertification update report which will be submitted to CRS by October 1, 2009.

The City completed its required review of the Comprehensive Plan and its Evaluation and Appraisal Report (EAR) during this reporting year and has received a Notice of Intent from the State of Florida Department of Community Affairs to amend the Comprehensive Plan based on the EAR amendments. There were no changes to the City's flood hazard mitigation language in the Comprehensive Plan.

Goal 5: To increase awareness of available funding sources for mitigation.

The Flood Protection Information two (2) page document is provided to the residents and commercial business owners once a year through the City's official newsletter. It is also posted on the City website, with an array of additional flood prevention information which provides information on available grants for hazard mitigation. The Building Department provides a written letter on an annual basis to all lenders, insurance agents and real estate offices within the City limits of the available resources on hazard mitigation.

In addition, the Library continues to update its information available to the public on mitigation assistance.

At this time, the City has no repetitive loss properties due to the previous mitigation of the two sites listed on the NFIP Repetitive Loss List.

This concludes the Goals and Objectives reporting for this report.

As a result of the Broward County LMS Plan update, the City will dedicate the next year to accomplishing the goals and objectives that will be in the upcoming revised Plan, once it is approved by FEMA, and adopted by Broward County and its partnering municipalities, which includes the City of Lighthouse Point.

The City will strive to promote flood protection and prevention awareness through its website and newsletters to residents and commercial business owners.

The **recommendations** the City will undertake in the next year are as follows:

1. Enhance the City's website on updated flood protection information, which will include this annual progress report, and sources of available funding for property owners for hazard mitigation.
2. Continue participation in the CRS/ISO by complying with all of the requirements to maintain its new current Class Rating of 7.
3. Continue participation in the LMS Working Group, its Subcommittee, and the Emergency Coordinating Council.
4. Promote proper swale maintenance to City residents.
5. Seek funding sources for the stormwater improvement projects that the City has identified.
6. Continue to provide training to Building Department and Public Works Department staff.
7. Implement the new Elevation Certification forms and information and promote the change to the affected parties.

This report is being provided to the Mayor and Board of City Commissioners, and also is available for the public to view on the City's website, www.lighthousepoint.com, Public Works, Flood Management Annual Report, and can also be viewed at the City Clerk's Office, 2200 NE 38 Street, and the Public Works Department at 4730 NE 21 Terrace.

Final Draft LMS Plan – Submitted August 19, 2009

The City of Lauderdale current Floodplain Management Ordinance reflects the latest FIRM maps. As of May 2008, we have 9265 number of flood policies. The last CAV was conducted in May of 2003, at which time the State found no violations or other program deficiencies.

For additional NFIP/CRS activities, please refer to Appendix G for our latest Recertification Document.

The Village of Lazy Lake has been a participating NFIP community since 1992 and in good standing. Lazy Lake has an approved Flood Damage Prevention Ordinance that continues to reflect the current FIRM maps. The designated Floodplain Manager is the Mayor.

According to current maps, the Village of Lazy Lake has no identified Floodplain and manages development as a participating member of NFIP.

Our last Community Assistance Contact (CAC) was conducted on 2/6/2006, at which time FEMA found no violations or other program deficiencies. As of May 2008, we have 42 NFIP policies in force.

The City of Lighthouse Point has been a CRS Community since 1993. The City of Lighthouse Point is currently a Class 7. The City has designated the Public Works Administrator as the CRS Coordinator and Floodplain Manager. CRS activities undertaken in the last 5 years include:

- Providing outreach to its property owners by way of the City website and newsletter with regard to flood zone information. The information in the City newsletter is mailed to every property owner on an annual basis, and a brochure is mailed annually to all properties in the community's Special Flood Hazard Area (SFHA). The information is also on display at the City's public buildings. The City Library has available a multitude of periodicals, such as books, pamphlets, brochures and fact sheets with regard to disaster preparedness and recovery, flood insurance program and its supporting documentation. During hurricane season, the Library places on display hurricane/wind/flood disaster preparedness in a showcase which includes sources of information, damage and disaster control.
- The City's Building Department maintains both on site and off site elevation certificates for new and substantially improved buildings and recordkeeping of floodplain inquiries. Upon request, elevation documentation, and the Flood Insurance Rate Map (FIRM) is provided to the public. Additionally, technical advice and assistance is provided to interested property owners. The available documentation and technical assistance is annually publicized and always displayed on the community's website.

Final Draft LMS Plan – Submitted August 19, 2009

- Overall the City maintains its designated open space preservation sites. The City's Stormwater Management Plan enforces the stormwater management regulations, including freeboard in non-SFHA zones, soil and erosion control and water quality. The City enforces a regulation prohibiting dumping in the drainage system. The drainage system inspection and maintenance is conducted on an on-going basis. A Capital Improvement Program is ongoing for the drainage system management.

The City of Lighthouse Point current Floodplain Management Ordinance reflects the latest FIRM maps. As of May 2008, we have 3807 number of flood policies. The last CAV was on April 3, 2008, at which time FEMA found no violations or other program deficiencies, granting the City a Class 7 from 8.

For additional NFIP/CRS activities, please refer to Appendix G for our latest Recertification Document.

City of Margate Floodplain Management

The City of Margate has been a CRS community since the year 2000. City of Margate is currently a class 8. The city has designated the Director of Environmental and Engineering Services as the CRS Coordinator and as Floodplain Manager. CRS activities undertaken in the past 5 years include the following activities:

- Maintain Elevation Certificates on all new and substantially improved buildings in Special Flood Hazard Areas (SFHA).
- Maintain database for permits issued for new or substantially improved buildings in the SFHA.
- Provide Flood Insurance Rate Map (FIRM) information and information on the flood insurance purchase requirements to inquirers.
- Complete annual outreach project to the community.
- Continue to keep our FIRM updated and maintain old copies of our FIRM.
- Maintain flood protection materials on the city website and the public library.
- Continue to preserve or increase open space in the floodplain
- Continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances.
- Continue to use and update our flood data maintenance system.
- Continue to enforce the stormwater management provisions of our zoning, subdivision and building code ordinances for new developments in the watershed.
- Continue to enforce the requirement that all new buildings must be elevated above the street or base flood elevation.
- Continue to inspect and maintain all city drainage facilities.
- Provide property protection and flood management data to our repetitive loss properties as well as our defined repetitive loss areas.
- Continue to implement our drainage system maintenance program.
- Continue to enforce our stream dumping regulations.