

RESOLUTION 14-23

A RESOLUTION OF THE CITY OF DUNEDIN, FLORIDA, RECOMMENDING ADOPTION OF THE ANNUAL FLOODPLAIN MANAGEMENT PLAN UPDATE; AND PROVIDING FOR AN EFFECTIVE DATE HEREOF.

WHEREAS, the City of Dunedin is located in an area that is vulnerable to natural and man-made disaster; and

WHEREAS, the City of Dunedin supports efforts to make the community more disaster resistant, thereby reducing the costs of disasters; and

WHEREAS, the City of Dunedin is desirous of minimizing, alleviating and mitigating the effects of flooding to the greatest possible extent; and

WHEREAS, the City of Dunedin became a participant of the Community Rating System of the National Flood Insurance Program in 1991; and

WHEREAS, participation in this Community Rating System provides benefits to homeowners holding flood insurance policies; and

WHEREAS, a Repetitive Loss Property is one for which two or more claims of at least \$1,000 have been paid by the National Flood Insurance Program during a rolling ten year period; and

WHEREAS, a Category C Repetitive Loss Community is one with ten or more Repetitive Loss Properties; and

WHEREAS, as a Category C Community, the City must prepare and adopt a Floodplain Management Plan in order to remain active in the Community Rating System; and

WHEREAS, the City is allowed to utilize a countywide Local Mitigation Strategy as its Floodplain Management Plan however annual updates of the plan are required; now therefore,

BE IT RESOLVED BY THE CITY OF DUNEDIN, FLORIDA, IN SESSION AND DULY AND REGULARLY ASSEMBLED:

Section 1. That the City Commission approves of the Local Mitigation Strategy developed cooperatively by the workgroup at which a City representative was present, and recommends it be adopted by the Pinellas County Board of County Commissioners.

Section 2. The Annual Floodplain Management Plan Annual Update shown in Exhibit "A" attached is required under the Community Rating System.

Section 3. That the City Clerk is directed to distribute copies of this Resolution to the Federal Emergency Management Agency and to all other concerned governmental bodies, agencies and representatives as deemed appropriate by the City Commission of the City of Dunedin.

Section 4. That this Resolution shall take effect immediately upon passage and adoption.

PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF DUNEDIN, FLORIDA, THIS 18th day of September, 2014.



Dave Eggers
Mayor

ATTEST:



Denise M. Schlegel
City Clerk

RESOLUTION 14-23

Attachment A

**Floodplain Management Plan/Local Mitigation
Strategy
Annual Report**

City of Dunedin
***FLOODPLAIN MANAGEMENT PLAN/
LOCAL MITIGATION STRATEGY
ANNUAL REPORT***

September, 2014

TABLE OF CONTENTS

Introduction	1
Evaluation of the Action Plan	1
Summary and Conclusions	6

INTRODUCTION

In August of 1997, the City of Dunedin adopted a Floodplain Management Plan. This plan detailed the existing Special Flood Hazard Area, defined six repetitive loss areas and examined the numerous ways the City could alleviate and mitigate the negative effects of flooding. The first Annual Report was issued in September of 1998. The conclusions of the initial Annual Report lead to a revised Floodplain Management Plan being adopted in December of 1998.

In early 1998, the State of Florida Department of Community Affairs requested that “Pinellas County and its municipalities develop a unified, community-wide local mitigation strategy [or LMS]...aimed at the skyrocketing costs of disaster.” This LMS is “intended to provide a unified and consistent course of action needed to eliminate or reduce the impact of disasters that threaten Pinellas County and its municipalities.” Dunedin staff worked with other cities and the County throughout 1998 and into 1999 developing an LMS that was acceptable to all local governments. The LMS was approved by Resolution 99-12 by the City Commission on May 6, 1999. Pursuant to revisions in the Community Rating System’s procedures, the Local Mitigation Strategy (LMS) was submitted as a replacement to the Floodplain Management Plan in August of 2000.

In 2004, Pinellas County began an update to the LMS. This update was designed not only to revise the information to reflect existing conditions but also to meet the changes in requirements for the LMS. When the City adopted the LMS by resolution not only in support of the countywide efforts but also as the Floodplain Management Plan, it added two sections: the first described the mitigation strategies available; the second listed the approaches the City should take in an action plan.

The 2009 LMS Update focuses on updating the data and risk analyses as well as addressing the requirements identified in the most recent FEMA guidance (*Local Multi-Hazard Mitigation Planning Guidance*, July 1, 2008) specified under 44 CFR §201. According to the guidance, the most successful of mitigation plans – where practical, meaningful mitigation actions resulted – have two common elements:

- Comprehensive risk and capability assessments that form a solid foundation for decision making; and
- Participation by a wide range of stakeholders who play a role in identifying and implementing mitigation actions.

A copy of the adopted Floodplain Management Plan may be obtained from the City of Dunedin Department of Planning & Development, 737 Loudon Avenue, Dunedin, FL, 34698. Or the reader may call 298-3210 to obtain a copy. We have also posted it on the City’s website at www.dunedingov.com.

EVALUATION OF THE ACTION PLAN

The most effective method of determining the success of the implementation of the Floodplain

Management Plan would be to list each task found in the Action Plan and present the manner in which each was addressed during the previous year.

► Preventive Activities

- Continue the extensive use of open space throughout the City and particularly within the floodplain. This includes Hammock Park, Fisher Field, the Dunedin Golf Club, St. Andrews Links, Weaver Park, and the Dunedin Youth Guild Park.

- ▷ Timetable: Ongoing

- ▷ Evaluation Criteria: Number of acres of open space within the floodplain.

- ▷ Budget: Staff time (operating funds): Parks & Recreation Department

- ▷ Evaluation: Approximately 1,365 acres of open space was estimated in 2006. While there have been land use changes to several parks, they were made to Recreation/Open Space in order to further constrain any development from occurring on the parcels. In late 2008, the City acquired a 7 acre parcel of open space and converted it into a public park, Weaver Park, which opened in 2011. In 2010, the City acquired another 4 acres of waterfront property. The Dunedin Youth Guild Park opened in July 2013 as passive open space. There are now approximately 1,376 acres of open space within the floodplain.

- Continue the enforcement of Chapter 78 of the *Dunedin Code of Ordinances* entitled “Stormwater Management,” particularly as it relates to the construction of systems regulating stormwater runoff.

- ▷ Timetable: Ongoing

- ▷ Evaluation Criteria: Most recent information on number of new developments (both residential and non-residential) installing stormwater control systems; amount of funds generated by the stormwater utility fee.

- ▷ Budget: Staff time (operating funds): Public Works Department

- ▷ Evaluation: Stormwater requirements are determined during the development review process and enforced through the City’s permitting process.

- Continue the maintenance of the City’s drainage system. This includes routine inspection, removal of debris, repairs, top and slope mowing, and aquatic maintenance.

- ▷ Timetable: Annually

- ▷ Evaluation Criteria: Most recent information on the total number of inspections and maintenance performed; most recent information on the total amount of funds expended on maintenance.

- ▷ Budget: Staff time (operating funds): Public Works Department

- ▷ Evaluation: The Division Director of the Public Works Department manages the following: debris collected, structures cleaned and repaired, ditches inspected, cleaned and mowed, and aquatic treatments.

► Property Protection Activities

- Continue the mail-out of flood proofing information to the residents of each repetitive loss area.

 - ▷Timetable: Annually

 - ▷Evaluation Criteria: Number of packages sent to repetitive loss area residents.

 - ▷Budget: Staff time (operating funds): Planning & Development Department

 - ▷Evaluation: In August 2014, every household in Dunedin received a flood and storm awareness insert, "*Hurricane Season is Flood Season: And the Risk Extends Far Inland*", as part of the Dunedin Beacon monthly local newspaper. In addition, an individual letter went out to 210 property owners in flood plain areas with a copy of this insert.

- Encourage the elevation/retrofitting of structures to FEMA requirements through the enforcement of the 50% rule, through the distribution of information to repetitive loss areas, and through obtaining federal funds for such structural work.

 - ▷Timetable: Annually

 - ▷Evaluation Criteria: Number of structures elevated due to the 50% rule; number of packages sent to repetitive loss area residents; amount of federal assistance secured for structural work.

 - ▷Budget: Staff time (operating funds): Planning & Development Department

 - ▷Evaluation: In August 2014, every household in Dunedin received a flood and storm awareness insert as part of the Dunedin Beacon monthly local newspaper. Information included newsletters describing flood insurance, preparation for emergency situations and flood proofing data. Between the dates of July 1, 2013 and June 30, 2014, there were no improvements required to meet the 50% rule standard. Also, during this same period, no Flood Mitigation Assistance Program (FMAP) agreements were signed.

- Continue providing information on the "dry flood proofing barrier" for use in repetitive loss areas.

 - ▷Timetable: Annually

 - ▷Evaluation Criteria: Outreach project to the community as part of Activity 330 of the Community Rating System.

 - ▷Budget: Staff time (operating funds): Planning & Development Department

 - ▷Evaluation: In August 2014, every household in Dunedin received a flood and storm awareness insert as part of the Dunedin Beacon monthly local newspaper. These packages included information on the installation of a "dry flood proofing barrier."

- Continue to apply the Recreation/Open Space land use designation on all of Caladesi Island and on the vast majority of Honeymoon Island.

▷ Timetable: Ongoing

Evaluation Criteria: Number of acres on the barrier islands with the Recreation/Open Space land use designation.

▷ Budget: Staff time (operating funds): Planning & Development Department

▷ Evaluation: The combined acreage of the undeveloped portions of Caladesi Island and Honeymoon Island total 1,039.

▶ Emergency Services Measures

• Continue the cooperative implementation of the Comprehensive Emergency Plan with Pinellas County.

▷ Timetable: Annually

▷ Evaluation Criteria: The tasks performed to ensure that the City is consistent with county, state and federal guidelines.

▷ Budget: Staff time (operating funds): Fire Department

▷ Evaluation: The Fire Department has ensured that its disaster procedures are consistent with county, state and federal guidelines in the past year through updating of the City Disaster Preparedness Plan and attending Loss Mitigation Strategy Committee meetings.

• Send letters to owners of structures or facilities which produce, use or store highly volatile, flammable, explosive, toxic and/or water-reactive materials. These letters should encourage the owners or operators to follow proper procedures in the event of an impending disaster.

▷ Timetable: Annually

▷ Evaluation Criteria: The number of letters sent to owners of structures or facilities which produce, use or store highly volatile, flammable, explosive, toxic and/or water-reactive materials.

▷ Budget: Staff time (operating funds): Planning & Development Department

▷ Evaluation: 30 letters were sent in June 2013 to the identified critical facilities.

• Continue the annual distribution of the *All Hazards Guide* or *Hurricane Guide* for as long as it is produced and made available to residents and local governments.

▷ Timetable: Annually

▷ Evaluation Criteria: Locations in the City where the *All Hazards Guide* or *Hurricane Guide* is made available (e.g., City Hall, Library, Sheriff's Office).

▷ Budget: Staff time (operating funds): Citywide

▷ Evaluation: Copies of Pinellas County's 2014 *Surviving the Storm* were made available at City Hall, Planning & Development, Municipal Services, the Hale Senior Activity Center, and the Community Center as well as other prominent locations all over Pinellas County including the internet.

- Continue advising the Florida Department of Transportation of the critical nature of the Alternate US 19/Curlew Road intersection. Request that some type of improvement to the elevation conditions at this location be made.

- ▷Timetable: Ongoing

- ▷Evaluation Criteria: Letters or other contacts with FDOT and their responses.

- ▷Budget: Staff time (operating funds): Planning & Development Department

- ▷Evaluation: Curlew Road has been resurfaced east of the Alternate US 19 intersection. The roadway was slated for a multi-lane improvement in the future; however, this project was removed from the FDOT's Five-Year Work Program.

►Structural Projects

- Continue the permitting of erosion protection projects as outlined in the City's Land Development Code.

- ▷Timetable: Ongoing

- ▷Evaluation Criteria: Linear feet of erosion protection permitted to be installed or repaired during the previous year.

- ▷Budget: Staff time (operating funds): Public Works Department

- ▷Evaluation: According to the Building Permit data, an estimated 755 linear feet of retaining walls on private or public property were installed or repaired during FY 2014. Since all of these were near water bodies, they could be considered as possibly related to flood protection.

- Continue the enforcement of Chapter 78 of the Dunedin Code of Ordinances entitled "Stormwater Management," particularly as it relates to the construction of systems regulating stormwater runoff.

- ▷Timetable: Ongoing

- ▷Evaluation Criteria: Number of new developments (both residential and non-residential) installing stormwater control systems, including storm sewers.

- ▷Budget: Staff time (operating funds): Public Works Department

- ▷Evaluation: The Division Director of Public Works monitors any developments which require stormwater retention.

►Public Information Activities

- Continue to provide the Map Determination Service, including the publicizing of the service.

- ▷Timetable: Ongoing

- ▷Evaluation Criteria: Number of announcements sent publicizing the service; number of map determinations provided.

- ▷Budget: Staff time, postage (operating funds): Planning & Development Department

- ▷Evaluation: In June 2014, 148 announcements were sent to insurance companies, real estate firms and financial institutions. This included businesses in Dunedin and out of state. Between August 1, 2013 and July 30, 2014, 48 map determinations were provided.
- Continue to develop and send flyers and reproducible forms to real estate agencies regarding information relating to flood hazards of property.
 - ▷Timetable: Annually
 - ▷Evaluation Criteria: Flyers and reproducible forms developed
 - ▷Budget: Staff time (operating funds): Planning & Development Department
 - ▷Evaluation: In June 2014, 11 real estate offices within the City of Dunedin were each sent a reproducible hazard disclosure form for distribution to their clients. These forms included information on the hazards of locating within the floodplain and the availability of flood insurance.
- Continue to maintain and publicize the Flood Library documents available at the Dunedin Public Library.
 - ▷Timetable: Ongoing
 - ▷Evaluation Criteria: Number and type of documents available at the Dunedin Public Library.
 - ▷Budget: Staff time (operating funds): Library
 - ▷Evaluation: There are 21 documents available in the reference section at the library. Subjects covered include retrofitting, elevating, floodplain management, flood proofing, insurance, and reducing losses due to flooding.
- Continue to provide technical assistance where possible on flood issues.
 - ▷Timetable: Ongoing
 - ▷Evaluation Criteria: Estimated number of times some type of technical assistance was provided to Dunedin residents or businesses.
 - ▷Budget: Staff time (operating funds): Public Works Department; Planning & Development Department
 - ▷Evaluation: Both the Public Works and Planning & Development Departments estimate that technical assistance was provided on at least 50 separate occasions during the last year in matters relating to elevation requirements, breakaway walls, the substantial improvement (50%) rule and other drainage issues.

SUMMARY AND CONCLUSIONS

During Fiscal Year 2014, the City has implemented its Floodplain Management Plan and continues to support all the tasks in the Community Rating System.

The City of Dunedin is a Class 6 community, allowing for a twenty (20) percent premium discount on all National Flood Insurance Program (NFIP) policies.