

**CITY COUNCIL AGENDA ITEM**  
**CITY OF SHORELINE, WASHINGTON**

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| <b>AGENDA TITLE:</b> | Adoption of Resolution 293 Approving the 2009 Multijurisdictional Hazards Mitigation Plan |
| <b>DEPARTMENT:</b>   | Community Services Division – Emergency Management                                        |
| <b>PRESENTED BY:</b> | Gail Marsh, Emergency Management Coordinator                                              |

**PROBLEM/ISSUE STATEMENT:**

In 2004 the City of Shoreline adopted a Hazard Mitigation Plan as approved by Washington State and Federal Emergency Management Agency (FEMA). The Plan was a five year plan and expired September 30, 2009. The City is required to have an up to date FEMA approved Hazard Mitigation Plan in order to receive any-post disaster funding to help recover losses after a significant event that impacts our community.

The 2004 Plan identified 28 mitigation strategies. All 28 have been accomplished in the intervening five years. Anticipating the expiration of the initial Hazard Mitigation Plan the City began the task of updating the plan in late 2008. This update includes a review of work done to implement the 2004 Plan, an evaluation of new information as to the current hazards we face as a city and experience gained in recent events that impacted the City. Examples of those events include the December 3<sup>rd</sup> 2006 wind storm and the December 15<sup>th</sup> 2007 storm that caused some urban flooding in the City of Shoreline. Additionally, as required by FEMA several opportunities for public comment were provided. The City hosted several open meetings, conducted an online survey, and posted the draft plan on the City's Web site for review and comment. Finally the Plan has received extensive review by City staff, the Emergency Management Council, the Council of Neighborhoods, and the Shoreline Fire Department, who is a partner in this plan. The Draft Plan has been reviewed by both the State and FEMA. The State has approved the Plan and FEMA's final approval will be forthcoming following the City's adoption of the Plan

**FINANCIAL IMPACT:** Implementing the strategies contained in the Plan relies heavily on the continued receipt of annual funding from FEMA through the State of Washington. Implementation of capital projects in the Plan are currently programmed within the adopted Capital Improvement Program.

**RECOMMENDATION:**

Staff recommends that the City Council adopt Resolution 293 approving the 2009 Hazard Mitigation Plan.

Approved By: City Manager  City Attorney 

## **BACKGROUND**

The goal of the City of Shoreline Hazard Mitigation Plan is to identify and recommend projects and programs that when implemented, would eliminate, minimize, or otherwise mitigate the vulnerability of the people, property, environmental resources, and economic vitality of the community to the impacts of future disasters. These identified projects and programs are termed "mitigation initiatives" and constitute the principal component of the plan. The fundamental purpose of the plan is to guide, coordinate, and facilitate the efforts of the agencies, organizations, and individuals participating as they seek funding, authority, or other resources necessary for implementation of mitigation initiatives.

An important step in securing approval of the plan by FEMA is to have community involvement. Staff has conducted outreach to residents to seek their input on the draft plan. In addition to the community meetings we conducted a web survey early this year and posted the draft plan on the City's web site seeking public comment since June. Results of the survey and the listing of the community meetings are contained in the plan.

To prepare the Hazard Mitigation Plan, the City contracted with Risk Reduction Solutions. The scope of work included developing all elements of the plan, coordinating efforts with City stakeholders and key agencies, and submitting the plan to the State/FEMA. The City used Emergency Management Program Grant funds to pay for the updating of the plan.

This update focuses on the City's risk assessment, which described the risks that the City is likely to experience from hazard events. Eight specific strategies are identified that focus on in the next five years to mitigate these risks. Maintenance of this plan, as it did the last time, lies with staff updating the City of Shoreline Emergency Management Council of its progress. The Emergency Management Council was established as an interjurisdictional administrative group, under the direction of the City Manager, to implement the emergency plans and policies established by the City Council.

The eight mitigation strategies identified in the plan to be implemented over the five years period are listed below with possible funding sources noted. More specific discussion of the strategies is found in the full plan available at City Hall and on the City's web site at [www.shorelinewa.gov](http://www.shorelinewa.gov)

### **Identified Strategies**

- 1. TARGET HIGHER RISK NEIGHBORHOODS FOR SPECIFIC RISK REDUCTION MEASURES** – Department program budgets for staff time and materials

**2. CONTINUE AND EXPAND THE DELIVERY OF RISK REDUCTION OUTREACH PROGRAMS BY CITY & FIRE STAFF, TO GENERAL POPULATIONS OF HOUSEHOLDS AND BUSINESSES.** – Department program budgets for training of staff in risk assessment and providing that risk assessment to at risk community members.

**3. INCREASE GIS CAPABILITY THROUGH PARTNERING WITH FIRE DEPARTMENT.** - Department Program budgets to work collaboratively on GIS needs with the Fire Department to include share costs on any program needs.

**4. THE CITY AND FIRE DEPARTMENT WILL PARTICIPATE IN THE PLANNING/ASSESSMENT ACTIVITIES OF UTILITY SERVICE PROVIDERS.** – Department staff time to ensure all franchise agreements as they are negotiated have risk mitigation strategies implemented.

**5. ESTABLISH SAFE PLACES OF REFUGE WITHIN WALKING DISTANCE OF RESIDENTS** – Department Program staff and budgets to support planning efforts with community partners.

**6. DEVELOP AND DELIVER BUSINESS OUTREACH PROGRAM.** - Department Program staff and budgets to support planning efforts with community business partners.

**7. RETROFIT OR REPLACE VULNERABLE CITY OWNED FACILITIES AND INFRASTRUCTURE.** (Identified as Police Department retrofit/replacement and replacement of the bridge to Apple Tree Lane). Capital Improvement and potential Pre-Disaster FEMA grants.

**8. REDUCE FLOOD DAMAGE WITHIN RONALD BOG COMMUNITY.** - Pre-Disaster FEMA grants.

This plan has been approved by the Washington State Emergency Management Office of Hazard Mitigations and has been given tentative approval by FEMA. Final FEMA approval will come after the City Council adopts the plan.

### **RECOMMENDATION**

Staff recommends that the City Council adopt Resolution 293 approving the 2009 Multijurisdictional Hazard Mitigation Plan.

Attachment A: Resolution No 293

Attachment B: Executive Summary of the Plan

**RESOLUTION NO. 293**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SHORELINE WASHINGTON ADOPTING THE SHORELINE MULTIJURISDICTIONAL HAZARD MITIGATION PLAN (HMP) UPDATE FOR 2009-2014 AS APPROVED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)**

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 requires local government agencies to develop and submit an All-Hazards Mitigation Plan in order to receive future Hazard Mitigation Grant Program Funds; and

WHEREAS, natural and man-made hazard events pose threats to lives and cause damages to property within the City of Shoreline; and

WHEREAS, staff working with technical experts has used available technologies, information, and historical documents to conduct a comprehensive risk reduction analysis resulting in the preparation of the City of Shoreline HMP Update; and

WHEREAS, the HMP Update formalizes that City's comprehensive efforts to make the City safer through preventing damage in the built environment; and

WHEREAS, the HMP builds on the objectives and actions established in the 2004 HMP and the City of Shoreline's Comprehensive Plan; and

WHEREAS, the HMP has been reviewed by all relevant departments, boards, committees, and the Governor's Office of Emergency Services and FEMA; and

WHEREAS, approval of the HMP Update by FEMA establishes eligibility for the City to pursue Hazard Mitigation funds; now therefore

**BE IT RESOLVED** that the Shoreline City Council adopts the City of Shoreline Hazards Mitigation Plan filed under Clerk's Receiving No. 5574 in accordance with the Federal Disaster Mitigation Act of 2000.

**ADOPTED BY THE CITY COUNCIL ON November 23, 2009.**

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Mayor Cindy Ryu

**ATTEST:**

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Scott Passey, CMC  
City Clerk

## EXECUTIVE SUMMARY

This is Multijurisdictional Hazards Mitigation Plan updates the 2004 Shoreline Hazards Mitigation Plan and includes as an annex the Shoreline Fire Department (King County Fire District 4) HMP that was not included within the original Plan.

The update was driven by hazards thought significant by the Shoreline Emergency Management Council. The hazards ranking in 2009 was similar to those driving the 2004 plan with the exception that climate and flood hazards received greater emphasis in 2009. However earthquake hazards were thought most crucial in the original HMP and its update.

The 2004 City of Shoreline HMP included 28 action items. During the five years since adoption of the plan, Shoreline has completed all of the action items.

This update offers 8 broad action items to reduce hazard driven risks.

1. TARGET HIGHER RISK NEIGHBORHOODS FOR SPECIFIC RISK REDUCTION MEASURES
2. CONTINUE AND EXPAND THE DELIVERY OF RISK REDUCTION OUTREACH PROGRAMS BY CITY & FIRE STAFF, TO GENERAL POPULATIONS OF HOUSEHOLDS AND BUSINESSES.
3. INCREASE GIS CAPABILITY THROUGH PARTNERING WITH FIRE DEPARTMENT.
4. THE CITY AND FIRE DEPARTMENT WILL PARTICIPATE IN THE PLANNING/ASSESSMENT ACTIVITIES OF UTILITY SERVICE PROVIDERS.
5. ESTABLISH SAFE PLACES OF REFUGE WITHIN WALKING DISTANCE OF RESIDENTS
6. DEVELOP AND DELIVER BUSINESS OUTREACH PROGRAM.
7. RETROFIT OR REPLACE VULNERABLE CITY OWNED FACILITIES AND INFRASTRUCTURE.
8. REDUCE FLOOD DAMAGE WITHIN RONALD BOG COMMUNITY.

The 2009 update was the product of an extensive public process that took advantage of the quarterly and post event Emergency Management Council (EMC) 2004 plan maintenance activities. Numerous opportunities for involvement were used to involve all stakeholder including public meetings, distribution of materials and through a community survey hosted on the City website.

The updated risk assessment relied heavily on that included within the earlier plan. However, where better hazards or vulnerability information was available, it was used, and scenarios were re-written to reflect new data.

To determine and exploit capabilities, the 2009 HMP included a Strengths, Weaknesses, and Opportunities, Threat (SWOT) analysis. The SWOT analysis helped frame mitigation strategies. Of

particular importance, the process identified strengths in the Shoreline neighborhood associations, Fire Department and City personnel and active community organizations. These and other capabilities were made use of to advance the EMC goals to:

1. PROTECT PUBLIC HEALTH, WELFARE, AND PUBLIC SAFETY
2. MINIMIZE LOSSES TO EXISTING AND FUTURE PROPERTIES
3. ENCOURAGE COORDINATION AND COMMUNICATION AMONGST PUBLIC AND PRIVATE ORGANIZATION
4. ENSURE CONTINUITY OF CRITICAL FACILITIES AND CORRESPONDING OPERATIONS OF LOCAL GOVERNMENT
5. PROTECT AND ENHANCE ENVIRONMENTAL QUALITY

This 2009 plan update will be maintained through a process that continues the 2004 maintenance plan and ensures that the City of Shoreline HMP remains a current, comprehensive and useful document throughout the five-year update cycle.