



**Annual Report**  
On The  
**Floodplain Management Components**  
Of The  
**Association of Bay Area Governments (ABAG)**  
**Multi-Jurisdictional Hazard Mitigation Plan**  
Including The  
**Annex to the Plan as the City's Local Hazard**  
**Mitigation Plan**

(Adopted July 26, 2005 Resolution No. 05-24)

Prepared by:  
Mario C. Camorongan, PE, CFM, QSD  
Senior Civil Engineer, CRS Coordinator

**September 3, 2014**

## Overview

This report highlights the progress made in the implementation of the floodplain management goals and strategies outlined in Appendix D of the Annex to 2010 Association of Bay Area Government's Local Hazard Mitigation Plan *Taming Natural Disasters (Plan)*.

Resolution No. 05-24, July 26, 2005, adopted the *Association of Bay Area Governments (ABAG) Multi-Jurisdictional Hazard Mitigation Plan including the Annex to the Plan as the City's Local Hazard Mitigation Plan*. Resolution No. 12-13, March 13, 2012, adopted the 2010 update to the plan. This Annual Report was prepared by Engineering Division, Building Division, and Emergency Services, and approved by its September 3, 2014 meeting. This information was shared with the City Council, a governing body of the city, as published in the Council's Weekly Newsletter September 19, 2014.

For credit under the Community Rating System, this Annual Report must be distributed to the media and be made available to the public. The City's Local Hazard Mitigation Plan was adopted in 2005 and updated in 2010. The 2005 Local Hazard Mitigation Plan, the 2010 update and the annual report on the flood risk items are available for review at City of Concord Permit Center, 1950 Parkside Drive and also have been posted on the City's website and are available for viewing at: <http://www.cityofconcord.org/police/emergency/hmp.aspx>

## Background

The original *Association of Bay Area Governments (ABAG) Multi-Jurisdictional Hazard Mitigation Plan including the Annex to the Plan as the City's Local Hazard Mitigation Plan* was drafted by City staff from various departments which included Public Works-Maintenance Services, Public Works-Engineering Services, Building and Neighborhood Services, Planning and Economic Development, City Management, Community and Recreation Services, City Attorney's Office and the Police Department. City staff met on three occasions: the Kick-Off Meeting and two follow-up meetings. It included an overview of ABAG's Multi-Jurisdictional Plan; the consequences of not having a FEMA approved Hazard Mitigation Plan, general strategies of the plan and identification of City departments that would be involved. The follow-up meetings identified specific strategy priorities including funding sources for strategies designated as "High" priority.

Adopting the Plan, including the Annex to the Plan, commits the City to pursue mitigation strategies described in the Plan and to comply with Clean Water Act mandates under the City's National Pollutant Discharge Elimination System (NPDES) Permit. The City already implements many of the mitigation strategies through various on-going programs. For example, developments must comply with NPDES requirements through the project review and plan review process as well as the construction inspection phase of the development. As part of the Annex to the Plan, the City is required to provide a status of on-going mitigation projects and strategies and propose new mitigation projects to reduce the number of public and private

buildings within the City that are vulnerable to the effects of earthquakes and other hazards. The *Plan* recommended 10 mitigation strategies to reduce or prevent flood damage.

### A review of the *Plan's* action items:

The overall goal is being addressed by asking all local governments in the Bay Area to adopt formal resolutions in support of eight “*commitments areas*” (Infrastructure, Health, Housing, Economy, Government services, Education, Environment and Land Use). These commitments are not organized by hazard, but by the types of services supplied either directly, or indirectly, by local governments. This report discusses the status of floodplain management related activities of the *Plan*. The ten Mitigation Strategies found in the City of Concord 2010 Annex as Exhibit D and Exhibit C have been reviewed and updated.

## 1. Infrastructure

- a) *INFR a-8* Pre-position emergency power generation capacity (or have rental/lease agreements for these generators) in critical buildings of cities, counties, and special districts to maintain continuity of government and services.

*Status:* Emergency generators are stationed and operable at critical city locations. The City of Concord is a member of the U.S. Communities, a national government Purchasing cooperative providing vetted procurement resources and solutions for rental and purchase.

- b) *INFR a-14* Encourage communication between Governor’s Office of Emergency Services (CalOES), FEMA, and utilities related to emergencies occurring outside of the Bay Area that can affect service delivery in the region.

*Status:* Concord continues to attend quarterly meeting with the Contra Costa County Operational Area through the Sherriff’s Office of Emergency Services. Additionally, Concord participates in quarterly Statewide Emergency Planning Committee meetings with the Governor’s Office of Emergency Services (CalOES) and Concord is a member of the California Emergency Services Association for the Coastal Region.

- c) *INFR d-1* Feasibility Study for Detention Basin Mt Diablo Creek Watershed. Evaluate feasibility of Detention Basin at CSU Hayward-East Bay Campus to reduce flooding within Mt Diablo Creek watershed.

*Status:* Concord is continuing to research funding opportunities.

## 2. Economy

- a) *ECON g-2* Increase efforts to reduce landslides and erosion in existing and future private development through continuing education of design professionals on mitigation strategies.

*Status:* This is on-going. Development projects must comply with Conditions of Approval and with CA Building Code requirements adopted by Council in 2014.

### **3. Government Services**

- a) *GOVT d-9* Conduct and/or promote attendance at local or regional hazard conferences and workshops for elected officials and staff to educate them on the critical need for programs in mitigating earthquake, wildfire, flood, and landslide hazards.

*Status:* Concord continues to attend quarterly meetings with the Contra Costa County Operational Area through the Sheriff's Office of Emergency Services. Additionally, Concord participates in quarterly Statewide Emergency Planning Committee meetings with the Governor's Office of Emergency Services and Cal OES and Concord is a member of the California Emergency Services Association for the Coastal Region.

- b) *GOVT c-9* Purchase command vehicles for use as mobile command/EOC vehicles if current vehicles are unsuitable or inadequate.

*Status:* Three regional mobile incident command vehicles are accessible to the City in the event of emergencies through mutual aid agreements. City is still seeking funding sources to acquire a vehicle.

- c) *GOVT c-14* Install alert and warning systems for rapid evacuation or shelter-in-place. Such systems include outdoor sirens and/or reverse-911 calling systems.

*Status:* The Contra Costa County Community Warning System (CWS) is a recognized and effective all-hazard public warning system. The CWS is a partnership of the Office of the Sheriff, the Health Services Department, government agencies, including Concord, industry, media and the non-profit Community Awareness & Emergency Response (CAER) organization, all collaborating to deliver time-sensitive and potentially life-saving information to the people of Contra Costa County. The CWS alerts people in the county of imminent threats to life or safety. This is done with sirens near major industrial facilities and in other special safety zones. A countywide telephone notification system, cell phone notification, NOAA Weather Radios, radio, TV and cable notification via the Emergency Alert System (EAS) and now Twitter and Facebook alerts provide emergency notifications.

- d) *GOVT-d-5* Participation in FEMA's National Flood Insurance Program.

*Status:* Maintain the City of Concord's Community Rating System (CRS) classification. On October 1, 2012, the City of Concord improved from a CRS class 8 to a class 7. The Insurance Services Office conducts a "cycle verification" visit every

five years. A visit was conducted in February 2012 and the City of Concord passed the site visit.

#### 4. **Environment**

- a) *ENVI a-12* Develop and implement a program to control invasive and exotic species that contribute to fire and flooding hazards (such as eucalyptus, cattails, and cord grass). This program could include vegetation removal, thinning, or replacement in hazard areas where there is a direct threat to structures. City works with ConFire to control and address invasive species issues.

*Status:* This is an on-going effort.

- b) *ENVI a-13* Enforce provisions under creek protection, storm water management, and discharge control ordinances designed to keep watercourses free of obstructions and to protect drainage facilities to conform to the Regional Water Quality Control Board's Best Management Practices.

*Status:* Program is in place, and City reports annually to the RWQCB.

#### ***Why items have not been completed:***

The items that have not been completed are due to lack of funding. The City will be initiating meetings to review and update the City's Local Mitigation Plan starting at the end of 2014. This plan is intended to be developed in conjunction with the countywide local mitigation plan effort. To be adopted in 2015.

#### ***Recommendations***

1. City of Concord staff to continue the efforts of implementing the *Plan's* ongoing recommendations.
2. The City will be initiating meetings to review and update the City's Local Mitigation Plan starting 2014 to be adopted in 2015 which will include new recommendations to new projects.