

CITY OF YUBA CITY
STAFF REPORT

Date: September 18, 2007
To: Honorable Mayor & Members of the City Council
From: Utilities Department
Presentation By: Maria C. Solis, Assistant Director of Utilities

Summary

Subject: Adoption of the Sutter County Multi-Hazard Mitigation Plan.
Recommendation: Adopt a Resolution accepting the Sutter County Multi-Hazard Mitigation Plan.
Fiscal Impact: None at this time. Approval and implementation of the plan will generate grant opportunities for future hazard mitigation projects.

Background:

The purpose of hazard mitigation and this Plan is to reduce or eliminate long-term risk to people and property from natural hazards within Sutter County. The Plan assesses all hazards within Sutter County and their associated risks. The hazards that were evaluated include earthquakes, floods, wildfires, severe storms, and dam failure floods. The plan includes mitigation goals and 10 Action Items for Yuba City to reduce the risks identified. Other jurisdictions action items are also listed within the executive summary.

In order to receive funds for future hazard mitigation projects as well as disaster related mitigation projects local governments are required by the Federal Emergency Management Agency (FEMA) to adopt a Multi-Hazard Mitigation Plan per the Disaster Mitigation Act of 2000. The Fire Department applied for and received two grants, a Pre-Disaster Mitigation Grant and a Flood Mitigation Assistance Grant to fund the preparation of a Multi-Hazard Mitigation Plan. On July 5, 2006 the City Council adopted a resolution accepting grant funds from FEMA and to enter into an agreement with AMEC Earth and Environmental, Inc. to complete the Sutter County Multi-Hazard Mitigation Plan (Plan) for all volunteering jurisdictions within Sutter County.

Analysis:

The department of Utilities and Fire has overseen and managed the development of the plan and has coordinated with Police, Public Works, and Community Development along with 42 other jurisdictions within Sutter County. Five team meetings with all participating jurisdictions were held during preparation of the Plan. In addition, three public meetings were conducted to incorporate public comment.

In April 2007 the plan was approved by the State Office of Emergency Services and forwarded to FEMA for final approval. On July 26, 2007 staff received notice that FEMA had approved our plan with no comments.

Upon adoption of the Plan and final approval by FEMA, each participant can begin their individual mitigation projects identified within the Plan and request hazard mitigation project funds to assist in funding these projects. All required jurisdictions have adopted the Plan including Sutter County. Final adoption of the Plan will also increase the discount available to our citizens for flood insurance by increasing the city's status within the Community Rating System from a current rating of level 8 to a level 7. This translates to a mandatory flood insurance discount of 15% instead of the current 10% discount rate.

Staff is recommending the adoption of the final Plan to facilitate future grant funding and to receive the balance of existing grant funds from FEMA used for preparation of the plan. The Executive Summary is attached for your review and the entire Plan is available for review at www.yubacity.net.

Fiscal Impact:

None at this time. Adoption and implementation of the plan will generate grant opportunities for future hazard mitigation projects.

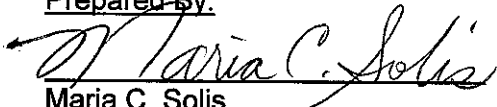
Alternatives:

Decline to adopt the plan and forfeit our ability to collect the remainder of the grant funds from FEMA.

Recommendation:

Adopt a Resolution accepting the Sutter County Multi-Hazard Mitigation Plan.

Prepared By:



Maria C. Solis
Assistant Director of Utilities

Submitted By:



Steven R. Jepsen
City Manager

Reviewed By:

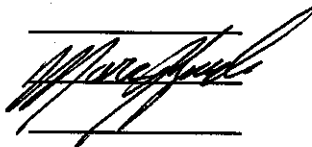
Department Head



Finance

Fire

City Attorney



Attachment

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF
THE CITY OF YUBA CITY
ADOPTING THE SUTTER COUNTY,
CALIFORNIA MULTI-HAZARD MITIGATION PLAN**

WHEREAS the City of Yuba City recognizes the threat that natural hazards pose to people and property within our community; and

WHEREAS undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences; and

WHEREAS an adopted Multi-Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post- disaster mitigation grant programs; and

WHEREAS the City of Yuba City fully participated in the FEMA prescribed mitigation planning process to prepare this Multi-Hazard Mitigation Plan and Flood Management Plan; and

WHEREAS the California Office of Emergency Services and Federal Emergency Management Agency, Region IX officials have reviewed the "Sutter County, California Multi-Hazard Mitigation Plan" and approved it contingent upon this official adoption of the participating governing body;

NOW THEREFORE BE IT RESOLVED that the City of Yuba City will submit this Adoption Resolution to the California Office of Emergency Services and Federal Emergency Management Agency, Region IX officials to enable the plan's final approval.

The foregoing resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 18th day of September, 2007.

AYES:

NOES:

ABSTAIN:

ABSENT:

Attest:

Mayor

City Clerk

EXECUTIVE SUMMARY

The purpose of hazard mitigation and this plan is to reduce or eliminate long-term risk to people and property from natural hazards and their effects on the Sutter County Planning Area of California. The Sutter County Planning Area geographically corresponds to the jurisdictional boundaries of Sutter County, the City of Yuba City, and the City of Live Oak (collectively referred to in this plan as the Sutter County Planning Area and/or Sutter County.) This plan has been prepared to meet the Disaster Mitigation Act of 2000 (DMA 2000) requirements in order to maintain Sutter County's eligibility for the Federal Emergency Management Agency (FEMA) Pre-Disaster Mitigation (PDM) and Hazard Mitigation Grant Programs (HMGP). More importantly, this plan and planning process lays out the strategy that will enable the Sutter County Planning Area to become less vulnerable to future disaster losses.

This multi-jurisdictional plan includes the County, and the incorporated communities of the City of Yuba City and the City of Live Oak. This plan also covers six participating districts: the Gilsizer County Drainage District, Levee District One, and Reclamation Districts 1001, 1500, 70, and 1660.

The DMA planning process followed a methodology prescribed by FEMA. It began with the formation of a Hazard Mitigation Planning Committee (HMPC) comprised of key county, city, district and stakeholder representatives. The planning process examined the recorded history of losses resulting from natural hazards and analyzed the future risks posed to the county by these hazards. Sutter County is vulnerable to several natural hazards that are identified, profiled, and analyzed in the plan. Floods, winterstorms and drought are some of the hazards that can have a significant impact on the Planning Area.

The plan puts forth several mitigation goals and objectives that are based on the results of the risk assessment. To meet identified goals and objectives, the plan also includes a Mitigation Action Plan detailing specific recommendations for actions that can mitigate future disaster losses. This Mitigation Action Plan is detailed in the following table.

**Sutter County Planning Area
Mitigation Action Plan**

Mitigation Type and Action #	Mitigation Action Title	Priority	Responsible Office
COUNTYWIDE RECOMMENDED MITIGATION ACTIONS			
Emergency Services Measures			
Action #1	Multi-Hazard Public Awareness Program	Medium	Sutter County OES, American Red Cross, City of Yuba City, City of Live Oak
Flood Measures			

Mitigation Type and Action #	Mitigation Action Title	Priority	Responsible Office
Action #1	Sutter Basin Feasibility Study and Improvements	High	USACE Sacramento District, California Reclamation Board, Sutter County
Action #2	O'Banion Road DWR Pump Station Improvements	High	State Department of Water Resources
Agricultural Measures			
Action #3	Noxious Terrestrial Weed Control Project	High	Sutter County Department of Agriculture
Action #4	Aquatic Weed Elimination Project	High	Sutter County Department of Agriculture
UNINCORPORATED SUTTER COUNTY			
Flood Measures			
Action #1	Road Projects to Improve Right of Passage and to Decrease Localized Flooding	Medium	Sutter County Department of Public Works
Action #2	Bypass Crossing @Sacramento Ave.	Medium	Sutter County Department of Public Works
Action #3	Live Oak Canal Constriction Removal	High	Sutter County Water Agency
Action #4	Bogue Road Flood Water Diversion Berm	High	Sutter County Water Agency
CITY OF YUBA CITY			
Emergency Services Measures			
Action #1	Emergency Communications Improvements	High	City of Yuba City Police and Fire Department
Flood Measures			
Action #2	Various Street Improvements to Decrease Localized Flooding	Medium	City of Yuba City Department of Public Works
Action #3	Low Lift Pump Access Road Improvements	Medium	City of Yuba City Department of Public Works
Action #4	Relocation of Wastewater Effluent Discharge Ponds	High	City of Yuba City Department of Utilities
Action #5	East and West Feather River Bank Stabilization	High	City of Yuba City Department of Utilities
Action #6	Gilsizer Slough Weir at Bogue Road	High	City of Yuba City Department of Utilities
Action #7	Comprehensive Flood Management	High	City of Yuba City

Mitigation Type and Action #	Mitigation Action Title	Priority	Responsible Office
	Plan		Department of Public Works
Action #8	Implementation of Additional CRS Activities	High	City of Yuba City Department of Public Works
Action #9	Floodplain Management Planning Outreach	High	City of Yuba City Department of Public Works
Wildfire Measures			
Action #10	Fire Flow Improvements for Groundwater Regions 1, 2 and 3	Medium	City of Yuba City Department of Utilities
CITY OF LIVE OAK			
Flood Measures			
Action #1	Road Projects to Improve Right of Passage and to Decrease Localized Flooding	Medium	City of Live Oak Department of Public Works
Action #2	Lift Pump Back Up Generator Improvements	Medium	City of Live Oak Department of Public Works
GILSIZER COUNTY DRAINAGE DISTRICT			
Flood Measures			
Action #1	Revetment of Slough Channel/Headwalls at Road Crossing	High	Gilsizer County Drainage District
LEVEE DISTRICT ONE			
Flood Measures			
Action #1	Bank Erosion Repairs To Levees in Several Areas	Medium - High	Levee District One
Action #2	Star Bend Set Back Levee	High	Levee District One
Action #3	Relief Well Location (N. Star Bend)	High	Levee District One
RECLAMATION DISTRICT 1001			
Flood Measures			
Action #1	Unit 2 LB Yankee Slough Levee Repairs	Medium	RD1001
Action #2	Feather River/Sacramento River Landslide Stability Berm	High	RD1001
Action #3	North Levee of Natomas Cross Canal Repairs	Medium	RD1001
Action #4	Infrastructure Improvements – District-wide and Main Pumping Facility	High	RD1001

Mitigation Type and Action #	Mitigation Action Title	Priority	Responsible Office
RECLAMATION DISTRICT 1500			
Flood Measures			
Action #1	Karnak Pump Plant Renovation	High	RD1500
RECLAMATION DISTRICT 70			
Flood Measures			
Action #1	Pumping Plant Project	Medium	RD70
RECLAMATION DISTRICT 1660			
Flood Measures			
Action #1	Sutter By-Pass Project	High	RD1660

This plan has been formally adopted by each participating entity and is required to be formally updated every five years.