



WELCOME TO YOUR

AGENDA
FRIDAY, JANUARY 25, 2013
Fire Department Training Room - 99 E. 16th Street, Merced

(www.cityofmerced.org)

COPIES OF THE BACKUP MATERIAL RELATING TO EACH ITEM OF BUSINESS REFERRED TO ON THE AGENDA ARE ON FILE IN THE OFFICE OF THE CITY CLERK. ANY PERSON WHO HAS QUESTIONS CONCERNING ANY AGENDA ITEM MAY CALL THE CITY OF MERCED FIRE DEPARTMENT AT 209-385-6891. PRIOR TO EACH REGULAR MEETING, A COMPLETE AGENDA PACKET IS AVAILABLE FOR REVIEW IN THE FIRE DEPARTMENT TRAINING ROOM - 99 E. 16TH STREET, MERCED AND ON THE CITY'S WEBSITE AT WWW.CITYOFMERCED.ORG. ANY DOCUMENTS PROVIDED TO A MAJORITY OF THE MEMBERS AFTER THIS AGENDA IS POSTED WILL BE AVAILABLE FOR PUBLIC INSPECTION IN THE CITY CLERK'S OFFICE DURING NORMAL BUSINESS HOURS.

FOR CITIZEN PARTICIPATION INSTRUCTIONS, PLEASE REFER TO THE CITY'S WEBSITE AT WWW.CITYOFMERCED.ORG. A HANDOUT IS ALSO AVAILABLE AT THE MEETING ADJACENT TO THE AGENDA. INDIVIDUAL AGENDA ITEMS MAY BE HEARD IN AN ORDER THAT IS DIFFERENT THAN THEY APPEAR ON THE AGENDA TO ACCOMMODATE MEETING PARTICIPANTS.

INFORMATION FOR INDIVIDUALS WITH DISABILITIES:

Accommodation for individuals with disabilities may be arranged by contacting the City of Merced Fire Department at 209-385-6891.

For Meetings Held in the Council Chambers,
Assisted Hearing Devices are Available

Teletypewriter (TTY) 209-385-6816

A. CALL TO ORDER

B. ROLL CALL

C. ORAL COMMUNICATIONS

AT THIS TIME, AUDIENCE MEMBERS WHO WISH TO SPEAK ON ANY MATTER NOT LISTED ON THE AGENDA, PLEASE IDENTIFY YOURSELF AND CITY OF RESIDENCE, AND IF YOU INTEND ON USING TECHNOLOGY FOR YOUR PRESENTATION PLEASE LEAVE A COPY FOR THE RECORD. WILL NOT TAKE ACTION ON AN ITEM THAT IS BROUGHT TO THEIR ATTENTION AT THIS MEETING. IF IT REQUIRES ACTION, IT WILL BE REFERRED TO STAFF AND/OR LISTED ON THE NEXT AGENDA. PLEASE BE BRIEF AND TO THE POINT. AVOID REPEATING WHAT PREVIOUS SPEAKERS HAVE SAID. IF TWO OR MORE INDIVIDUALS ARE PRESENT AS A GROUP AND WISH TO SPEAK ON ONE SIDE OF AN ISSUE, PLEASE SELECT A SINGLE SPOKESPERSON TO PRESENT YOUR VIEWS.

D. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered routine by the Disaster Council and will be adopted by one action of the Disaster Council unless a member of the audience or Disaster Council Member has a question, statement or wishes to discuss an item. In that event, the Clerk will remove that item from the Consent Calendar and place it for separate consideration.

1. Minutes of December 7, 2012

RECOMMENDATION:

Adopt a motion approving and filing the minutes of December 7, 2012.

E. REPORTS

1. Merced County Emergency Notification System (Information Only)
(Presented by Mike McLaughlin)
2. Merced County OES Continuity of Operation Plan and the Hazard Mitigation Plan (Information Only) (Presented by Mike McLaughlin)
3. Local Hazard Mitigation Report (Attachment 1, with Attachments A - C)
(Presented by Bill King)

F. ADJOURNMENT

1. Adjournment to March 29, 2013 3:00 p.m. / 99 E. 16th Street, Merced, CA
(City of Merced Fire Department - Training Room)



ADMINISTRATIVE REPORT

 Print

DATE: 01/22/2013

SUBJECT: Minutes of December 7, 2012

RECOMMENDATION:

Adopt a motion approving and filing the minutes of December 7, 2012.

ALTERNATIVES:

1. Approve; or,
2. Approve, subject to other than recommended: or,
3. Deny.

Respectfully Submitted,
Lori Mileur

ATTACHMENTS:

 [Minutes of December 7, 2012](#)

DISASTER COUNCIL MINUTES

December 7, 2012

A. CALL TO ORDER

The meeting of the City of Merced Disaster Council was called to order at 3:09 p.m.

B. ROLL CALL

C. ORAL COMMUNICATIONS

None.

D. CONSENT CALENDAR

1. Approve Meeting Minutes

RECOMMENDATION:

Approve Meeting Minutes - July 13, September 14, November 9 & 16, 2012

Stan Murdock Moved, Mike McLaughlin Seconded

Vote: 8-0

Voting Aye: Mike McLaughlin , RoseMary PargaDuran ,
Sherry Pitchford , Stan Murdock , Kelly Bentz , John Bramble ,
Michael Wegley , David Gonzalves

Clerk's Note: Staff recommendation approved.

E. REPORTS

1. Merced County Emergency Notification System (Information Only)
(*Presented by Mike McLaughlin.*)
2. Local Hazards Mitigation Plan (LHMP)
(*Prioritize Focused Mitigation Actions*)

Principle Planner BILL KING and Planning Associate JULIE STERLING reviewed the plan.

Clerk's Note: After distributing the plan, a decision was made to continued the matter to allow those members not present an opportunity to review material.

F. ADJOURNMENT

1. Adjournment
(*Adjournment to January 25, 2013 at 3:00 p.m.)*

The meeting adjourned at 4:00 p.m.

Mike McLaughlin Moved, Stan Murdock Seconded

Vote: 8-0

Voting Aye: Mike McLaughlin , RoseMary PargaDuran ,
Sherry Pitchford , Stan Murdock , Kelly Bentz , John Bramble ,
Michael Wegley , David Gonzalves

Clerk's Note: Staff recommendation approved.

By:

Approved:

Lori Mileur
Council Clerk

John M. Bramble
Chairperson

Agenda Item: E.2
Meeting Date: 1/25/2013



ADMINISTRATIVE REPORT

 Print

DATE: 01/22/2013
SUBJECT: Merced County Emergency Notification System
(Information Only) (Presented by Mike McLaughlin)

ATTACHMENTS:

No Attachments Available

Agenda Item: E.3
Meeting Date: 1/25/2013



ADMINISTRATIVE REPORT

 [Print](#)

DATE: 01/22/2013

SUBJECT: Merced County OES Continuity of Operation Plan and
the Hazard Mitigation Plan (Information Only)
(Presented by Mike McLaughlin)

ATTACHMENTS:

No Attachments Available



ADMINISTRATIVE REPORT

 Print

DATE: 01/22/2013

SUBJECT: Local Hazard Mitigation Report (Attachment 1, with Attachments A - C) (Presented by Bill King)

ALTERNATIVES:

1. Approve, as recommended by (identify); or,
2. Approve, subject to other than recommended by (identify specific findings and/or conditions amended to be addressed in the motion); or,
3. Deny; or,
4. Refer to (identify) for reconsideration of specific items (specific items to be addressed in the motion); or,
5. Continue to a future meeting (date and time to be specified in the motion).

AUTHORITY:

Charter of the City of Merced, Section _____.

ATTACHMENTS:

- 📎 [Attachment 1](#)
 - 📎 [Attachment A - Appendix 1](#)
 - 📎 [Attachment B - Action Strategy Matrix](#)
 - 📎 [Attachment C - DC rpt](#)
-

CITY OF MERCED
Development Services

TO: Disaster Council
FROM: Julie Sterling, Associate Planner
DATE: January 25, 2013
SUBJECT: Local Hazard Mitigation Plan

TOPICS AND ACTIONS REQUIRED:

<u>Topic</u>	<u>Disaster Council Actions</u>
1. Results/LHMP Mitigation Actions	Information
2. Mitigation Plan Action Strategy Matrix	Information & Discussion
3. Chapter 4 – Administration of Actions	Review

Prioritized List of Mitigation Plan Actions

At their meeting of December 7, 2012, the Disaster Council and the public present were asked to prioritize, in order of importance, the proposed 10 Focused Mitigation Actions. Each were provided 18 colored dots (each) to prioritize the Actions with the value breakdown between 2 and 4 points depending on the priority of the Action. Copies were also provided to the Disaster Council members not able to attend the meeting. The 10 Mitigation Actions were then ranked and tallied by staff, and the results can be found at Attachment A. These 10 recommended actions are the “essence of the plan” and will be the most outward representation of the planning process for implementing the actions over the five (5) year life of the Plan.

Chapter 4 – Mitigation Plan Action Strategy Matrix

The Planning Leadership Team, guided by FEMA plan development requirements determined which of the six Plan Goals were met for each Action; when implementation is to occur within the 5-year Plan timeline; which organization/department would be responsible for overseeing the Action; provide potential funding sources; and estimate the project costs. This information can be found at Attachment B.

In the course of preparing the Mitigation Plan Action Strategy Matrix, the Technical Staff considered minor changes to Actions #9 and #10. Since Action Item #9 (pursuing a program dealing with energy needs of critical facilities) is similar to Action Item #1 (preparing an Energy Assurance Plan dealing with critical infrastructure), staff felt the two should be combined into one Action Item. Please see the Actions listed as follows:

Action Item #9: Pursue program of conversion of overhead utilities to underground service that serve critical facilities or other sensitive sites to reduce exposure to hazards, where possible.

Action Item #1: Prepare an *Energy Assurance Plan* that includes: 1) the identification and assessment of power-backup capabilities for all City's critical infrastructure (for example, pumps, data centers, dispatch) and buildings utilized for essential services (such as health-safety, water, sewer, waste and transportation); 2) coordination of energy resources among public and private partners; and, 3) establishment of a program and schedule to implement recommended power upgrades and coordination programs.

Proposed New Action Item #1: Prepare an *Energy Assurance Plan* that includes: 1) the identification and assessment of power-backup capabilities for all City's critical infrastructure (for example, pumps, data centers, dispatch) and buildings utilized for essential services (such as health-safety, water, sewer, waste and transportation); 2) coordination of energy resources among public and private partners; 3) establishment of a program and schedule to implement recommended power upgrades and coordination programs; and, 4) Pursue program of conversion of overhead utilities to underground service that serve critical facilities or other sensitive sites to reduce exposure to hazards, where possible.

For Action Item #10, a minor change is recommended as staff felt that language change was needed to clarify the intent of this Action Item; "*creating a program*" rather than "*retrofitting/upgrading unreinforced masonry buildings*" so staff is recommending the following modification:

Action Item #10: Create a program to Retrofit or upgrade unreinforced masonry buildings in Downtown Merced, or other buildings in the Plan area.

The Disaster Council will be requested to review and discuss the Mitigation Plan Action Strategy Matrix including the recommended changes as proposed by staff.

For many of the actions identified in the Merced Hazard Mitigation (MHMP) Plan Action Plan, the City of Merced may seek financial assistance under FEMA's Hazard Mitigation Grant Program (HMGP) or Pre-Disaster Mitigation Grant Program (PDM) programs. Both of these programs require detailed benefit/cost analysis as part of the application process. These analyses will be performed on the projects at the time of application preparation. However, for projects not seeking financial assistance from grant programs that require this sort of analysis, the City reserves the right to define "benefits" according to the parameters that meet the needs and the goals of the MHMP. The Disaster Council is requested to review Pages 4-38 through 4-43 from Chapter 4 of the Action Plan dealing with the Administration of Actions (Attachment C).

Attachments

- A. List of the Prioritized Mitigation Actions
- B. Mitigation Plan Action Strategy Matrix
- C. Action Plan Excerpt – Chapter 4

Appendix I

Focused Catalog of Hazard Mitigation Plan Actions

1. Prepare an <i>Energy Assurance Plan</i> that includes: 1) the identification and assessment of power-backup capabilities for all City’s critical infrastructure (for example, pumps, data centers, dispatch) and buildings utilized for essential services (such as health-safety, water, sewer, waste, and transportation); 2) coordination of energy resources among public and private partners; and, 3) establishment of a program and schedule to implement recommended power upgrades and coordination programs. 4, 7, 8, 8, 8, 10, 4, 8, 7, 8, 8, 6, 8, 12, 8, 9, 10, 12, 9, 12, 7 = 171
2. Create a <i>Disaster Preparedness Program</i> that educates populations (residents, property owners, and businesses) that are vulnerable to Merced’s natural hazards about: 1) shelter sites; 2) disaster advisory and warning systems; and, 3) “before, during and after” resources from community entities (e.g. hospitals, schools, public works), to prepare for natural disasters. Develop and deploy methods that assure access to this information and to these resources. 4, 4, 7, 4, 8, 9, 3, 6, 7, 6, 7, 6, 11, 3, 8, 9, 6, 4, 7, 3, 7 = 129
3. Support Merced County efforts to construct the Haystack Alternative of Black Rascal Creek. 5, 10, 10, 5, 6, 7, 21, 6, 6, 8, 4, 3, 4, 5, 2, 3, 6, 2, 3, 2, 2 = 120
4. Develop and enhance storm-water drainage improvements to reduce frequent flooding. Projects may involve canals, storm-water drains, basins, trunk lines, auxiliary pipes, and interconnections. For example, increase the current stormwater diversion (at Fahrens Creek, south of Yosemite Avenue) of 50 cubic feet per second (cfs) to 200 cfs, so that storage capacity is not wasted during larger flooding events. 6, 9, 6, 6, 5, 6, 4, 7, 7, 7, 11, 6, 10, 8, 4, 4, 4, 6, 10, 7 = 140
5. Update the City’s Storm-water Drainage Master Plan.

3, 7, 8, 5, 4, 5, 8, 5, 3, 6, 3, 3, 2, 6, 11, 6, 6, 3, 6, 2 = **108**

6. Prepare a *Natural Area Fire Prevention Plan* for those areas of Merced to be developed adjacent to natural open space areas (as opposed to agricultural fields or private property) in order to determine the best approach to address and provide a coordinated plan for conflicting needs (for example, air quality, natural resource protection, and property rights). Methods would include acceptable site designs, building designs, and weed abatement.

9, 2, 3, 5, 7, 3, 3, 4, 4, 2, 6, 7, 6, 2, 4, 3, 7, 9, 7, 4, 5 = **102**

7. Perform building-specific, structural seismic vulnerability assessment of City-owned critical facilities (buildings and infrastructure) constructed prior to 1980, and take actions to upgrade or retrofit as needed.

5, 3, 2, 4, 4, 3, 2, 4, 6, 4, 5, 7, 4, 3, 5, 7, 6, 7, 2, 6 = **94**

8. Retrofit or upgrade unreinforced masonry buildings in Downtown Merced, or other buildings in the Plan area.

5, 5, 4, 4, 4, 2, 0, 2, 3, 2, 4, 4, 2, 2, 2, 3, 4, 3, 2, 6 = **67**

9. Pursue program of conversion of overhead utilities to underground service that serve critical facilities or other sensitive sites to reduce exposure to hazards, where possible.

4, 4, 3, 5, 5, 2, 7, 6, 6, 5, 6, 3, 6, 2, 7, 2, 4, 3, 4, 5 = **91**

10. Prepare a *Shelter and Emergency-Provision Plan* resulting in identification of existing and future sites and buildings, as well as improvements for their establishment or enhancement.

9, 3, 3, 8, 3, 7, 3, 5, 5, 5, 3, 3, 4, 6, 6, 3, 6, 5, 6, 7 = **105**

Table ____: Dot Priority Values			
	Red	Blue	Yellow
<i>Priority</i>	High	Medium	Low
<i>Dot Value</i>	4	3	2
<i>Number of Dots</i>	6	6	6

Comments:

Table 4-7: LOCAL HAZARD MITIGATION PLAN ACTION STRATEGY MATRIX					
Action	Goal	Implementation within the 5-Year Plan Timeline	Organization(s)	Potential Funding Sources	Project Cost
Action Item #1: Prepare an <i>Energy Assurance Plan</i> that includes: 1) the identification and assessment of power-backup capabilities for all City's critical infrastructure (for example, pumps, data centers, dispatch) and buildings utilized for essential services (such as health-safety, water, sewer, waste, and transportation); 2) coordination of energy resources among public and private partners; 3) establishment of a program and schedule to implement recommended power upgrades and coordination programs; and, 4) pursue program of conversion of overhead utilities to underground service that serve critical facilities or other sensitive sites to reduce exposure to hazards, where possible.	2, 3 & 5	Start: 2014	Public Works	FEMA Cal E M A Rule 20A State and Federal Grants	\$200,000
Action Item #2: Develop and enhance storm-water drainage improvements to reduce frequent flooding. Projects may involve canals, storm-water drains, basins, trunk lines, auxiliary pipes, and interconnections. For example, increase the current stormwater diversion (at Fahrens Creek, south of Yosemite Avenue) of 50 cubic feet per second (cfs) to 200 cfs, so that storage capacity is not wasted during larger flooding events.	2 & 4	Continuous	Development Services	FEMA	\$2,650,000 (Average Project Price is \$442,000)

Table 4-6: LOCAL HAZARD MITIGATION PLAN ACTION STRATEGY MATRIX (pg. 2 continued)

Action	Goal	Implementation within the 5-Year Plan Timeline	Organization(s)	Potential Funding Sources	Project Cost
Action Item #3: Create a <i>Disaster Preparedness Program</i> that educates populations (residents, property owners, and businesses) that are vulnerable to Merced's natural hazards about: 1) shelter sites; 2) disaster advisory and warning systems; and, 3) "before, during and after" resources from community entities (e.g. hospitals, schools, public works), to prepare for natural disasters. Develop and deploy methods that assure access to this information and to these resources.	1, 2, 5 & 6	Start: 2014	Fire Department	Emergency Mgmt. Preparedness Grant; State Homeland Security Grant Program; Local Funding	\$250,000
Action Item #4: Support Merced County efforts to construct the Haystack Alternative of Black Rascal Creek.	1 & 2	Continuous	Development Services/ Public Works Merced County MID	State Grants Federal Grants	\$100,000 staff time
Action Item #5: Update the City's Storm-water Drainage Master Plan.	2 & 4	Start: 2015	Development Services	City Funding Capital Improvement Plan	\$150,000
Action Item #6: Prepare a <i>Shelter and Emergency-Provision Plan</i> resulting in identification of existing and future sites and buildings, as well as improvements for their establishment or enhancement.	1 & 6	Start: 2017	Fire Department Cal E M A FEMA Red Cross School Districts	Emergency Mgmt. Preparedness Grant; State Homeland Security Grant Program; Local Funding	\$150,000

Table 4-6: LOCAL HAZARD MITIGATION PLAN ACTION STRATEGY MATRIX (pg. 3 continued)

Action	Goal	Implementation within the 5-Year Plan Timeline	Organization(s)	Potential Funding Sources	Project Cost
Action Item #7: Prepare a <i>Natural Area Fire Prevention Plan</i> for those areas of Merced to be developed adjacent to natural open space areas (as opposed to agricultural fields or private property) in order to determine the best approach to address and provide a coordinated plan for conflicting needs (for example, air quality, natural resource protection, and property rights). Methods would include acceptable site designs, building designs, and weed abatement.	1, 2, 4 & 6	Start: 2016	Fire Department/ Development Services Outside Agencies: Dept. of Fish & Game, MID, Corp of Engineers Cal Fire	Public Facilities Impact Fees (PFFP)	\$75,000
Action Item #8: Perform building-specific, structural seismic vulnerability assessment of City-owned critical facilities (buildings and infrastructure) constructed prior to 1980, and take actions to upgrade or retrofit as needed.	1, 2 & 3	Start: 2016	Public Works Development Services	Cal E M A	\$100,000
Action Item #9: Create a program to Retrofit or upgrade unreinforced masonry buildings in Downtown Merced, or other buildings in the Plan area.	1 & 2	Start: 2017	Development Services Private Building Owners	State Grants	\$150,000

Table 4-8: Target Implementation Schedule and Responsible Leadership						
Lead Agency	2014	2015	2016	2017	2018	
Public Works	Action 1		Action 8			
Fire Department	Action 3		Action 6		Action 7	
Development Services/Eng	Action 4					
Development Services/Eng	Action 2					
Development Services/Eng	Action 5					
Development Services/Bldg				Action 9		

4.3.3 Administration of Actions

Implementation Factors



RC #C5.c

Described in the Action Plan below are the following implementation factors: 1) the goal(s) that each Action Item meets; 2) an expected schedule for completion; 3) the responsible lead of the Action Item; 4) potential funding sources; and, 5) anticipated project costs.

SCHEDULE

This describes the timeframe for completing the project. In the Action Plan, this is listed as “ongoing,” “1-3 years,” or as “2-5 years.”

LEAD

This may be a position, office, department, agency, or combination of who is responsible for implementing and administering the action.

FUNDING

These may be existing or future funding sources, not limited to local, state, or federal sources.

Action Plan

The recommended and prioritized mitigation strategies of the MHMP are described in Table 4-7. Implementation Factors are applied to each strategy, as well as economic information used to rank the actions. Table 4-7 also correlates the recommended prioritized actions with the goals of the MHMP.

Plan Goals

In Section 4.2.2 of the MHMP, plan goals were selected by the Disaster Council. As shown in Table 4-5, “Alignment of Plan Goals and Actions,” the ten recommended mitigation strategies are consistent with the goals of the MHMP:



- Goal 1:** Provide protection for people’s lives from hazards.
- Goal 2:** Minimize or reduce damage to property.
- Goal 3:** Minimize disruption of essential services, facilities, and infrastructure.
- Goal 4:** Maintain, enhance, and restore the natural environment’s capacity to deal with the impacts of disasters.
- Goal 5:** Promote hazard mitigation as an integrated policy.
- Goal 6** Increase public awareness.

Table 4-5: Alignment of Plan Goals and Actions

Action	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6
1. Prepare Energy Assurance Plan		●	●		●	
2. Enhance storm-water drainage improvements		●		●		
3. Develop Disaster Preparedness Program	●	●			●	●
4. Support the Haystack Alternative	●	●				
5. Update City's Storm-water Drainage Master Plan		●		●		
6. Prepare a Shelter and Emergency-Provision Plan	●					●
7. Prepare Natural Area Fire Prevention Plan	●	●		●		●
8. Seismic vulnerability assessments/City-owned critical facilities	●	●	●			
9. Retrofit unreinforced masonry buildings	●	●				

Table 4-7: LOCAL HAZARD MITIGATION PLAN ACTION STRATEGY MATRIX

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Table 4-6: LOCAL HAZARD MITIGATION PLAN ACTION STRATEGY MATRIX (pg. 2 continued)

Action	Goal	Implementation within the 5-Year Plan Timeline	Organization(s)	Potential Funding Sources	Project Cost
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Table 4-6: LOCAL HAZARD MITIGATION PLAN ACTION STRATEGY MATRIX (pg. 3 continued)

Action	Goal	Implementation within the 5-Year Plan Timeline	Organization(s)	Potential Funding Sources	Project Cost
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Development Services/Eng	Action 4					
Development Services/Eng	Action 2					
Development Services/Eng	Action 5					
Development Services/Bldg				Action 9		

Agenda Item: F.1
Meeting Date: 1/25/2013



ADMINISTRATIVE REPORT

 [Print](#)

DATE: 01/22/2013

SUBJECT: Adjournment to March 29, 2013 3:00 p.m. / 99 E. 16th Street, Merced, CA (City of Merced Fire Department - Training Room)

ALTERNATIVES:

ATTACHMENTS:

No Attachments Available
