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## **SECTION 13 CITY OF LOMPOC**

### **13.1 INTRODUCTION**

*This annex was prepared in 2010 – 2011 as part of an update to the Santa Barbara County Multi-Hazard Multi-Jurisdictional Hazard Mitigation Plan. The City of Lompoc participated in the County wide Mitigation Advisory Committee, reviewed all portions of the previous hazard mitigation plan pertaining to the City, and incorporated relevant components into this annex. This annex serves as a complete hazard mitigation planning tool for the City of Lompoc. It contains updated capability assessment information, a new vulnerability assessment, and an updated/revised mitigation strategy. The methodology and process for developing this annex is explained throughout the following sections.*

Lompoc is located 155 miles northwest of Los Angeles and 270 miles southeast of San Francisco. The approximate elevation of the City is 88 feet above mean sea level, with the coast located nine miles west of downtown. The City was incorporated on August 13, 1888. The growth and diversification of Lompoc was due in part to the establishment and growth of Camp Cooke Army Base, now Vandenberg Air Force Base, which is located just seven miles west of Lompoc. The city is also famous for its flower fields, and hosts a Flower Festival every year. In addition, Lompoc is home to one of the 21 Franciscan Missions in California. La Purisima Mission is one of only three preserved Missions within the State Park System. It is well known as the most fully restored mission, in its most original setting.

CERTIFIED COPY

RESOLUTION NO. 5753(11)

**A Resolution of the Council of the City Of Lompoc,  
County of Santa Barbara, State of California,  
In the matter of the adoption of the 2011 City of Lompoc  
Annex of the Santa Barbara County  
Multi Jurisdiction Hazard Mitigation Plan.**

WHEREAS, The Federal Disaster Mitigation Act of 2000 ("Act"), as described in 44 Code of Federal Regulations Section 201.6 (44 CFR § 201.6) mandates local governments to submit and maintain a Federal Emergency Management Agency ("FEMA") approved local hazard mitigation plan; and,

WHEREAS, the City of Lompoc (the "City") has agreed to participate in a county-wide multi-jurisdictional plan with Santa Barbara County as the lead agency; and,

WHEREAS, the Multi-Jurisdiction Hazard Mitigation Plan ("Plan") identifies each jurisdiction's risk assessment and mitigation strategies to reduce the impacts of natural disasters on the public and local government; and,

WHEREAS, identification of hazards in the City assists with response planning, exercise development, public education, and awareness, and other emergency management functions; and,

WHEREAS, the Federal Disaster Mitigation Act of 2000 requires the Plan to be formally adopted by the City Council and provided to FEMA for formal approval.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LOMPOC, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

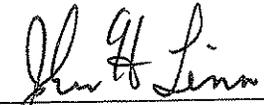
SECTION 1. Approve the Hazard Identification and Risk Assessment Plan in accordance with the Disaster Mitigation Act of 2000.

SECTION 2. This Resolution is effective upon its adoption.

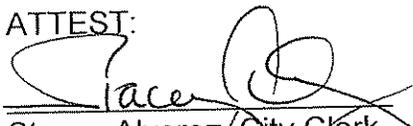
The above and foregoing Resolution was proposed by Council Member Lingl, seconded by Council Member Costa, and was duly passed and adopted by the Council of the City of Lompoc at its regular meeting on November 15, 2011, by the following vote:

AYES: Council Member(s): Bob Lingl, Ashley Costa, Dirk Starbuck, Cecilia Martner, and Mayor John Linn

NOES Council Member(s): None

  
\_\_\_\_\_  
John H. Linn, Mayor  
City of Lompoc

ATTEST:

  
\_\_\_\_\_  
Stacey Alvarez, City Clerk  
City of Lompoc

I HEREBY CERTIFY THAT THE

foregoing instrument is a true and correct copy of the original on file in the Lompoc City Clerk's Department.

ATTEST:   
\_\_\_\_\_

## 13.2 INTERNAL PLANNING PROCESS

Table 13-1 lists the City of Lompoc Local Planning Team. These individuals collaborated to identify the City's critical facilities, provide relevant plans, report on progress of city mitigation actions and provide suggestions for new mitigation actions.

**Table 13-1 City of Lompoc Local Planning Team 2011**

Name	Title
Robert Kovach	Battalion Chief / Asst. Emergency Services Coordinator
Keith Neubert	Principal Planner
Kevin McCune	Assistant Public Works Director / City Engineer
Jeff States	Acting Fire Chief
Stacy Lawson	Senior Environmental Coordinator
Bruce Taylor	Building Official

### 13.2.1 City Local Planning Team Meetings and Outcomes

The City of Lompoc Local Planning Team (LPT) met regularly during the planning process to discuss data needs and organize data collection. A summary of these internal meetings is presented in the table below. Meeting documentation is included in Section 13.8, Lompoc Attachment 1: Meeting Documentation.

**Table 13-2 City of Lompoc Internal Collaboration Meetings Summary**

Meeting Dates	Summary of Discussions
12/2/2010	Developed Local Planning Team: All attendees listed above and (not in attendance): Stacy Lawson, Senior Environmental Coordinator Bruce Taylor, Building Official Reviewed Hazard Ranking for the City of Lompoc Reviewed 2004 Mitigation Action List and determined status, follow up needed for several items. Discussed Critical Facilities, follow up needed. Reviewed City of Lompoc 2004 plan for updates.
04/04/2011	Discussed additional critical facilities, public survey and press release.
04/20/2011	Validated Critical Facilities Map

### 13.2.2 Public Involvement

In March 2011, an online survey was distributed county-wide to solicit public input regarding the concern for risk to natural hazard events and suggestions for how local government could minimize the risk. The City of Lompoc notified residents and businesses of the opportunity to participate in the survey through issuing a press release on April 4, 2011 and posting it on the City's website. A news

article regarding the planning process was published on April 5, 2011 at LompocRecord.com. A copy of the survey is included in County Appendix 3C. Copies of the City’s outreach materials are included in Section 13.8, Lompoc Attachment 2: Outreach Materials.

**Survey Results**

The survey respondents from the City of Lompoc identified earthquake and dam failure as the two hazards of primary concern. Flooding, agriculture (pests and diseases), and wildfire follow as secondary concerns. Overall, however, the City of Lompoc’s Local Planning Team deemed that dam failure was of “limited” planning consideration. That rationale is presented in Section 13.4. The survey responses regarding hazard concern will help the City improve messaging and outreach efforts regarding realistic risk of these hazards.

A few Lompoc respondents indicated they have made improvements to their property to reduce risk of damage (refer to Question 3) including implementing and/or maintaining defensible space around their properties to reduce damage from wildfires, roof retrofitting using fire resistant material , installing fire sprinklers, strengthening openings, along with other miscellaneous efforts. The results of the survey provide valuable information for the City of Lompoc as they continue in their mitigation efforts. These responses may be used as a bench mark for future measurements of improvement. For example, the City may choose to focus on educational outreach about what homeowners and renters can do to reduce future damage from natural hazards. After this type of implementation, a similar survey may be administered to validate the progress and confirm that more residents have implemented mitigation practices.

The City of Lompoc will consider the recommendations provided by survey respondents (items 8 and 20 below) regarding how the local government and the County can help residents prepare for an event, throughout the life of this plan and prioritize those that can be implemented efficiently and effectively.

The survey responses received from the City of Lompoc residents are summarized below:

1. 13 out of 510 survey respondents were from the City of Lompoc. No responses were received in Spanish.
2. Respondents were asked which three hazards, out of the seven hazards the MAC identified, are of most concern to their neighborhood or home. Below are responses from residents of Lompoc (in order of most responses):

<b>Hazard</b>	<b>Number of Responses</b>
Dam Failure	10
Earthquake	10
Flooding (including coastal surge)	6
Agriculture (pests and disease)	5
Wildfire	5
Landslide/Coastal Erosion	2
Additional Hazards*	2
Tsunami	1

\* Respondents noted the following additional hazards: Radon Exposure and Gang Activity.

3. Respondents were asked what they are doing to their property or within their home to reduce future damage from the hazards identified above. Below is a summary of responses:

<b>Property Mitigation</b>	<b>Responses</b>
Seismic retrofit of the structure and / or foundation	1
House elevation or first floor modification to prevent flood damage	1
Installed backflow prevention device(s)	1
Defensible space landscaping (clear vegetation around house to reduce wildfire risk)	4
Roof retrofit using fire resistant material	2
Installation of fire sprinklers	2
Installation of fire hydrant or above ground water storage tank	1
Strengthened openings (Doors, windows, and/or garage door to reduce high-hazard wind risk)	2
Other (please specify)	1

4. Respondents were asked if a severe hazard event occurred today, such that all services were cut off from their home and they were unable to leave or access a store for 72 hours, which items they would have readily available. Below is a summary of responses from Lompoc respondents:

<b>Item that is Readily Available</b>	<b>Responses</b>
Potable Water (3 gallons per person)	8
Cooking and eating utensils	13
Can Opener	13
Canned / Non-perishable Foods (ready to eat)	12
Gas grill / Camping stove	11
Extra Medications	11
First Aid Kit/Supplies	9
Portable AM/FM Radio (solar powered, hand crank, or batteries)	7
Handheld "Walkie-Talkie" Radios (with batteries)	3
Important Family Photos/Documentation in a water and fire proof container	3
Extra Clothes and Shoes	10
Blanket(s)/ Sleeping Bag(s)	11
Cash	3
Flashlight (with batteries)	11
Gasoline	4
Telephone (with batteries)	10

Item that is Readily Available	Responses
Pet Supplies	3
What else do you have in your emergency kit?*	3

\* Respondents noted the following additional items in their emergency kits: Kerosene heater, Paper and pen for leaving notes, toilet paper, family photos, large supply of search and rescue equipment, extra contacts and glasses along with saline solution, notebook to record events and playing cards along with other items to keep self and other occupied while we wait.

5. Respondents were asked if they have a plan for evacuating large animals and pets. Below is a summary of responses:

- 2, or 16.7% of respondents, answered that they **have a plan for evacuating their pets (cats, dogs, etc).**
- **None** of the respondents answered that they **have a plan for evacuating large animals (horses, cows, etc).**
- 2, or **16.7%** of respondents, answered that **they have pets but have not planned for their evacuation.**
- **None** of the respondents answered that **they have large animals but have not planned for their evacuation.**
- 8, or **66.7%** of respondents, answered that **they have no large animals or pets.**
- 1 respondent skipped this question.

6. Respondents were asked if they are familiar with the special needs of their neighbors in the event of a disaster situation. Below is a summary of responses:

- 6, or **46.2%** of respondents, indicated that they **are familiar with the special needs of their neighbors.**
- 7, or **53.8%** of respondents, indicated that they **are not** familiar with the special needs of their neighbors.

7. Respondents were asked if they are a trained member of their Community Emergency Response Team (CERT). Below is a summary of responses:

- 3, or **25%** of respondents, indicated that **they are part of CERT.**
- 5, or **41.7%** of respondents, indicated that **they are not a part of CERT, but would like to learn more about CERT.**
- 4, or **33.3%** of respondents, indicated that **they are not interested in being a part of CERT.**

Respondents were asked to share why they are a trained CERT member, or why they are not part of CERT. The received responses are listed below:

- My husband is a CERT member.
- Not sure where local classes are or how much time involved.
- I was unaware of the CERT program.
- To be better prepared to take care of my family and neighbors.

8. Respondents were asked what the most important thing local government can do to help communities be more prepared for a disaster. Below is a summary of responses:

Things Local Government can do to help prepare	Number of Responses
Disseminate effective emergency notifications and communication	11
Provide training and education to residents and business owners on how they can reduce future damage	7
Community outreach regarding emergency preparedness	9
Being aware of special needs and vulnerable populations	6
Make a plan to use volunteer residents to help in a disaster	8
Other	0

9. Respondents were asked if they live in an apartment building or home with a living space above a garage or parking area.

- 11, or **84.6%** of respondents, indicated that they **do not** live in an apartment or home with living space above a garage or parking area.
- 2, or **15.4%** of respondents, indicated that they **do** live in an apartment building or home with living space above a garage or parking area.

Those respondents who indicated that they do live in an apartment building or home with living space above the garage or parking area were asked to describe their level of concern for the building to collapse in a large earthquake event. 2 respondents indicated that they have “Moderate Concern”, 5 respondents indicated that the question was “Not Applicable” and 6 respondents skipped this question.

10. Respondents who are homeowners were asked if they have adequate homeowners insurance to cover the hazards that could impact their home. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes, my insurance coverage should be adequate	9
No, I don't believe my insurance coverage would be adequate for a major disaster	1
Unsure	2
I do not have an insurance policy	0
Not applicable, I rent my current residence	1

11. Respondents who are renters were asked if they have renter's insurance. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes	0
No	1
Not applicable, I own my residence.	10

12. Respondents were asked if they have earthquake insurance. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes, I own my home and have earthquake insurance.	7
Yes, I rent my home and have earthquake insurance.	0
No, but I am interested in reviewing earthquake insurance options.	2
No, earthquake insurance is too expensive.	3
No, I do not need earthquake insurance.	1

13. Respondents were asked if they have flood insurance. Below is a summary of responses:

<b>Answer</b>	<b>Responses</b>
Yes, I own my home and have flood insurance.	5
Yes, I rent my home and have flood insurance.	0
No, but I am interested in reviewing flood insurance options.	4
No, I do not need flood insurance	4

14. Respondents were asked to note any additional insurance listed for their home or property.

- Homeowners and mortgage.

15. Respondents were asked if they work in Santa Barbara County.

- 10, or **76.9%** of respondents, indicated that they **do** work in Santa Barbara County.
- 3, or **23.1%** of respondents, indicated that they **do not** work in Santa Barbara County.

16. Respondents were asked if their place of work is in an area susceptible to natural hazards.

Below is a list of natural hazards and responses from survey respondents:

<b>Natural Hazard</b>	<b>Response</b>
High-risk flood zone	2
Earthquake fault zone	6
Liquefaction zone	1
Landslide Risk Area	0
Wildland Urban Interface (wildfire risk area)	1
I don't know	5
Other*	0

17. Respondents were asked if their employer has a plan for disaster recovery in place.

- 7, or **63.6%** of respondents, **indicated that their employer does have a disaster recovery plan in place.**
- 1, or **9.1%** of respondents, **indicated that their employer does not have a disaster recovery plan in place.**
- 3 respondents were unsure if their employer has a disaster recovery plan in place.
- 2 respondents skipped this question.

18. Respondents were asked if their employer has a workforce communications plan to implement following a disaster so they may contact their employees.

- 7, or **63.6%** of respondents, indicated that their **employer does** have a workforce communications plan.

- 2, or **18.2%** of respondents, indicated that their **employer does not** have a workforce communications plan.
- 2, or **18.2%** of respondents, indicated that they are **unsure** if their employer has a workforce communications plan.
- 2 respondents skipped this question.

19. Respondents were asked to list any studies that they are aware of being conducted within their community or the county regarding the risk to future hazard events. 1 respondent replied to this question. The answer is summarized below. 12 respondents skipped this question.

- "FEMA: Emergency Management Institute Course (IS-00800.B) National Response Framework, An Introduction"

20. Respondents were asked what recommendations they have for Santa Barbara County and the incorporated cities to improve identification, prioritization, and implementation of actions intended to reduce future damage and increase resiliency. The following recommendations were received:

<b>Recommendations</b>	<b>Number of Responses</b>
Perform outreach to ensure people are aware of their environment and the inherent risks	9
Provide training and materials on how residents can be prepared for the identified risks	8
Enforce/update building codes	5
Other*	1

The response to "Other" was: Most training for citizen's CERT is in incorporated cities and not unincorporated communities of the county such as Orcutt, Los Alamos or the Vandenberg Village area.

21. Respondents were asked to recommend any companies or local associations that should be involved in the Santa Barbara County hazard mitigation planning process. All respondents skipped this question.

22. Respondents were asked if they would like to review and comment on a draft of their jurisdictions annex to the Multi-Jurisdictional Multi-Hazard Mitigation Plan.

- 3, or **30%** of respondents **said they would** like to review and comment on the draft plan.
- 7, or **70%** of respondents **said they would not** like to review and comment on the plan draft.

Six respondents who said they would like to review and comment on the draft plan included their contact information.

23. Respondents were asked to provide any additional comments/suggestions/questions. The response is below:

- Only egress from Lompoc is across three bridges susceptible to damage from failure of Bradbury dam.

### ***Public Review Period***

On September 22, 2011, the City of Lompoc issued a press release and posted a complete Review Draft of this annex on the City's website: [www.cityoflompoc.com](http://www.cityoflompoc.com). The public were encouraged to submit comments prior to October 10<sup>th</sup>, for incorporation into this draft. No comments were received as of October 24<sup>th</sup>. The City distributed an email notification announcing the availability of the annex for review to relevant stakeholders and interested community members based on the contact information received in the survey responses. Any comments received after the adoption of this annex will be catalogued for consideration in future updates to this annex. Copies of the website posting and press release are included in Section 13.8, Lompoc Attachment 2: Outreach Materials

## **13.3 CAPABILITY ASSESSMENT**

### **13.3.1 Jurisdiction Description**

The City identified current capabilities and mechanisms available for implementing hazard mitigation activities. This section presents a discussion of the roles of key departments, administrative and technical capacity, fiscal resources, and summaries of relevant planning mechanisms, codes, and ordinances.

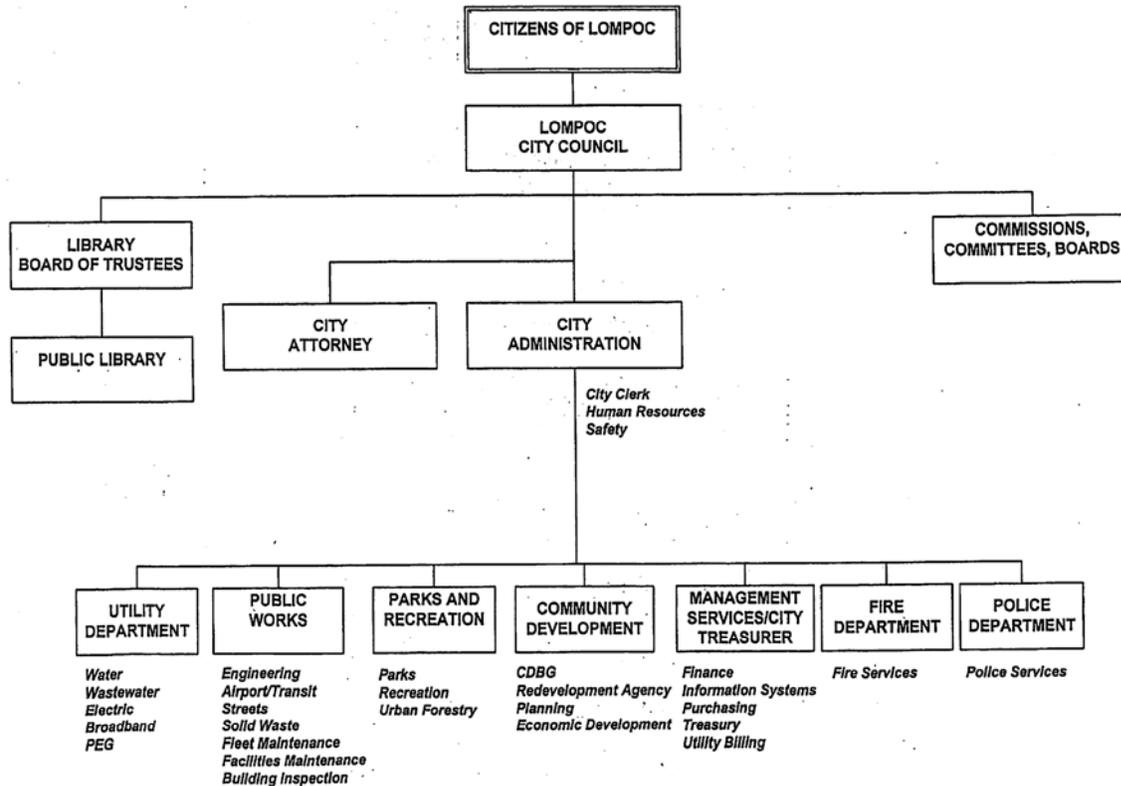
### **13.3.2 Key Departments**

#### **Form of Governance**

The City of Lompoc utilizes the Council-Manager form of local governance, which includes an elected Mayor and four Council Members, and an appointed City Administrator. The Mayor is elected every two years and the four council members are elected every four years.

The City Council is Lompoc's legislative body, setting policy, approving budgets, and setting tax rates. Members also hire the City Administrator, who is responsible for the day-to-day administration of the City, and serves as the Council's chief advisor. The City Administrator prepares a recommended budget, recruits and hires most of the City's staff, and carries out the council's policies. While the City Administrator may recommend policy decisions, he is ultimately bound by the actions of the Council. The Council appoints the City Attorney. The City of Lompoc's organizational chart is listed below:

# CITY OF LOMPOC ORGANIZATION CHART



The following is a summary of existing departments in Lompoc and their responsibilities related to hazard mitigation planning and implementation, as well as existing planning documents and regulations related to mitigation efforts within the community.

## **Administration:**

- Develop, implement and monitor policies, procedures, budgets, fees, with other City departments and outside agencies.

## **Fire Protection Services**

- Administers automatic aid agreements, mutual aid agreements, and contracts.
- Fire Prevention Bureau: Coordinate adoption of codes and ordinances, review site and building plans for fire code compliance, develop and present public education programs and manage the City's weed abatement program.
- Emergency Medical Services: Manage the department's EMT program, respond to medical emergencies and other calls for service, participate with other community and regional health care providers to reduce public illness and injury.
- Suppression Division: Maintain the department's personnel, apparatus, equipment, and fire stations in a state of readiness to respond to the community's needs, develop and implement

standard operating procedures for various types of emergency responses, respond to all types of emergencies, and train and interact with neighboring jurisdictions and regional agencies.

- Emergency Management: Coordinate the City's Disaster Preparedness Program, liaison with all City departments and divisions, as well as other public and private organizations, develop, coordinate and implement hazard specific response plans, and maintain the operational readiness of the City's Emergency Management Team, the Emergency Operations Center, and other key elements.

#### **City of Lompoc Community Development**

- Develop and maintain City's general plan, zoning ordinances, and development standards.
- Oversight of City development process assuring compliance with zoning and general plan, and including environmental impact reports, design review, historic preservation, landscape review, habitat conservation, floodway prohibitions, and floodplain development standards.

#### **City of Lompoc Public Works Department**

- Maintains City infrastructure (assets) ranging from airport, streets, buildings, vehicle fleet, and solid waste.
- Building Inspection: Coordinate adoption of building, plumbing, electrical, and mechanical codes. Review site and building plans for compliance with building codes and ordinances. Damage assessment of structures. Develop building ordinances
- Responds to City emergencies, includes EOC response in disasters and assisting Police and Fire Departments with hazardous materials clean up, traffic and perimeter control efforts, traffic accident clean up and evacuation routing

#### **Utilities Department**

- Maintains City's Water, Wastewater, and Electrical supply and distribution.
- Responds as part of the City's EOC Team.

#### **Engineering Department**

- Reviews engineering on private and public grading, floodways, retention basins, transportation infrastructure, and structures to assure compliance with Federal, State, and local ordinances on seismic and structural stability.
- Develops engineering ordinances and policies that help protect and preserve City infrastructure
- Develops and implements mitigation strategies to avoid further damage to critical facilities or to reduce/avoid damage during future hazard events.
- Evaluates all circulation elements for projected traffic impacts.
- Determines needed infrastructure improvements, water system, and water/sewer treatment capabilities.
- Provides response personnel for evaluation of damaged infrastructure and rescue situations.
- Responds as part of the City's EOC Team.
- Coordinates other response agencies assisting with damage assessment.

#### **Police Department**

- Responds to safety concerns involving threats and/or damage to life or property. Acts as the enforcement entity for violations of State and local laws and ordinances.

- Primary emergency responders to acts of civil disobedience and public disorders. Support personnel for emergency rescue and management.
- Investigative services for criminal acts that result in personal injury/death and the destruction of property.
- Develops and implements emergency response plans and policies, focusing on evacuation procedures and traffic control.
- Primary responders to acts of terrorism, focusing on suspect intervention and facility and staff protection.
- Provides public safety communications center for both police and fire.
- Provides EOC facility.

### 13.3.3 Administrative and Technical Capacity

The administrative and technical capabilities of Lompoc, provides an identification of the staff, personnel, and department resources available to implement the actions identified in the mitigation section of the Plan. Specific resources reviewed include those involving technical personnel such as planners/engineers with knowledge of land development and land management practices, engineers trained in construction practices related to building and infrastructure, planners and engineers with an understanding of natural or manmade hazards, floodplain managers, surveyors, personnel with GIS skills and scientists familiar with hazards in the community.

Staff/Personnel Resources	Y/N	Department/Agency and Position
A. Planner(s) or engineer(s) with knowledge of land development and land management practices	Y	Planning – Planning Director
B. Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Engineering – City Engineer
C. Planners or Engineer(s) with an understanding of natural and/or manmade hazards	Y	Planning & Engineering – Planning Director/City Engineer
D. Floodplain manager	Y	Engineering – City Engineer
E. Surveyors	Y	Engineering – Engineering Techs & Consultants
F. Staff with education or expertise to assess the community's vulnerability to hazards	Y	Fire Department – Fire Chief
G. Personnel skilled in GIS and/or HAZUS	Y	Engineering – City Engineer – Fire Dept
H. Scientists familiar with the hazards of the community	Y	Consultants
I. Emergency Manager	Y	Fire Department – Fire Chief
J. Grant writers	Y	Engineering – Engineering Associates

### 13.3.4 Legal and Regulatory Capabilities

The legal and regulatory capabilities of Lompoc are shown below, which presents the existing ordinances and codes that affect the physical or built environment of Lompoc. Examples of legal and/or regulatory capabilities can include: the City's building codes, zoning ordinances, subdivision ordinances, special purpose ordinances, growth management ordinances, site plan review, general plans, capital improvement plans, economic development plans, emergency response plans, and real estate disclosure plans.

Regulatory Tools (ordinances, codes, plans)	Authority (Y/N)	State Prohibit (Y/N)
Building code	Y	N
Zoning ordinance	Y	N
Subdivision ordinance or regulations	Y	N
Special purpose ordinances (floodplain management, storm water management, hillside or steep slope ordinances, wildfire ordinances, hazard setback requirements)	Y	N
Growth management ordinances (also called "smart growth" or anti-sprawl programs)	N	N
Site plan review requirements	Y	N
General or comprehensive plan	Y	N
A capital improvements plan	Y	N
An economic development plan	Y	N
An emergency response plan	Y	N
A post-disaster recovery plan	N	N
A post-disaster recovery ordinance	N	N
Real estate disclosure requirements	Y	N

### 13.3.5 GIS, Computer and Communication Technology

Lompoc's GIS Division is in the process of developing a comprehensive GIS system for the City. Currently, parcels, zoning and flood hazards have been mapped, including water, sewer, storm drain, and citywide striping. Hazard layers created for this plan will be incorporated into that system for future planning and updates. The GIS system is somewhat new and because the City has not used GIS for an emergency, the City has not had an opportunity to implement the system, but in the event it is needed, the GIS system is fully functional and can be used to provide the State of California Office of Emergency Services with preliminary damage assessments.

Through the Lompoc Police Department, the City of Lompoc has a fully functional 911 emergency telephone system, dispatch capabilities, and a reverse 911 system (Installed in April 2005) to issue warnings in advance of disasters.

Lompoc is fully functional on the internet and has its own web site, which will be used to assist with communication necessary for implementation and future updates of this plan.

### 13.3.6 Financial Resources

The General Fund balance is an important element that can show the City's financial strengths or weaknesses. For fiscal year 2011-2013, the City of Lompoc's operating budget has been set at \$50,767,175. The revenue budget for the City contains numerous line items representing different sources, each governed by a distinct set of conditions particular to that revenue source. The largest revenue factor and the core of the resource base that enables the City's provision of community services is the local revenue portion of Lompoc's General Fund. The City's revenue

base is determined by different community conditions such as the current population, employment and income, economic activity within the City, and the growth of invested value from residential and commercial construction, business investment in plant and equipment, and demand for local real property. National, State, and regional economic conditions can also affect the City's revenue base by creating demand for community goods and services produced within Lompoc. The chart below is from the City's approved operating budget, ending June 30, 2013. The largest revenue categories are from service charges and property tax.

Account	Amount	%
Investment Revenues	\$ 293,902	1%
Sales Tax	\$5,455,612	11%
Transfers In	\$12,592,035	25%
Other Taxes	\$1,506,800	3%
Other Agencies	\$865,479	2%
Service Charges	\$14,106,542	28%
Other Revenues	\$1,038,846	2%
Property Tax	\$14,907,959	29%

Over the last few years, California's budget has diminished rapidly due to decreased tax revenues from an economic recession. The overall health of California's economy has a significant influence on local cities and counties, as local government appropriations are usually the first to have their appropriations diminished due to downturns in the economy.

The City's major economic drivers for its revenue base are from service charges, sales tax, transient occupancy tax, population growth, employment, construction, property values, and commercial activities.

Lompoc's long-term financial and programmatic policies demonstrate the City's commitment to provide for the protection of the community from unreasonable risks.

Overall, the City of Lompoc has indirectly referenced mitigation and hazard reduction principles throughout many of the City's aforementioned documents, plans, and policies. Integrating more direct language referencing mitigation and hazard reduction will help to reinforce the City's commitment to these principles. The indirect references can also indicate that the responsibility for hazard reduction is shared among numerous departments within the City, making it a challenge to identify a particular department to take the lead in these efforts. To address this potential issue and increase community capabilities globally, the establishment of a formalized Mitigation Advisory Committee is recommended. The Committee should receive official recognition as a working group as soon as it is feasible to begin sharing the responsibilities required to implement the City's mitigation program.

### **Fiscal Impact**

The table below shows specific financial and budgetary tools available to Lompoc such as community development block grants; capital improvements project funding; authority to levy taxes for specific purposes; fees for water and sewer services; impact fees for developers for new

development; ability to incur debt through general obligations bond; and withholding spending in hazard-prone areas.

**City of Lompoc: Fiscal Capability**

Community Development Block Grants (CDBG)	Y
Capital improvements project funding	Y
Authority to levy taxes for specific purposes	Y – Vote Required
Fees for water and sewer service	Y – Prop 218 Requirements
Impact fees for developers for new developments/homes	Y – AB1600 Requirements
Incur debt through general obligation bonds	Y – Vote Required
Incur debt through special tax and revenue bonds	Y – Vote Required
Incur debt through private activity bonds	N
Withhold spending in hazard-prone areas	N
Other – SANDAG Grant	N
Other – Other Grants	Y

**13.3.7 Relevant Plans, Policies, and Ordinances**

The City of Lompoc has a range of guidance documents and plans for each of its departments. These include a General Plan, with a Housing Element, Public Works and Public Utilities Plans, Public Facilities Master Plan, Capital Improvement Plans, Storm Water Management Program, Parks & Recreation Master Plan, Redevelopment Project Guidelines, and Standardized Emergency Management Plan. The City uses building codes, zoning ordinances, subdivision ordinances, and various planning strategies to address how and where development occurs. One of the essential ways the City guides its future is through policies laid out in the General Plan.

**13.3.7.1 The City of Lompoc General Plan**

The Lompoc General Plan is a comprehensive statement of goals and policies relating to the development of the community, the management of potential hazards, and the protection of natural and cultural resources within its study area. The General Plan directs Lompoc's future by expressing community desires and by providing the basis for regulations to protect and enhance the community's quality of life for future generations. The summary below will document the portions of Lompoc's General Plan that are applicable to hazard mitigation.

**Land Use Element**

Urban growth in Lompoc is restricted by the Urban Limit line, which delineates the City's future boundaries and service area. Instead of growing outward, the City encourages the development of underdeveloped and vacant land within the City's boundaries. In order to ensure that residents of Lompoc have access to basic needs, the City will only allow development in areas where adequate public facilities and services, such as water, utilities, and fire/police protection, are available at the time of development. To maintain an adequate supply of clean water, the City will designate groundwater recharge areas as Open Space and protect those areas from incompatible uses. Other areas may be maintained as Open Space if they are used to protect public health and safety and against natural and man-made hazards. Such areas may include regions in which topographic, geologic, or soil conditions indicate a significant danger to future occupants.

### **Circulation Element**

One goal of Lompoc is to encourage regulatory agencies to designate routes away from urban and environmentally-sensitive areas for the transportation of hazardous and explosive materials. Such a policy would help mitigate the negative effects to Lompoc's residents from future hazardous materials incidents.

### **Housing Element**

Dilapidated residences and those that do not comply with the City's Uniform Building Code requirements are more likely to be negatively affected by natural hazards. Therefore, the City will provide funding for housing rehabilitation programs which encourage private and public capital participation, preserve the existing housing stock, and provide more housing opportunities within the City. The City has also funded a comprehensive Code Enforcement program with a full-time Code Enforcement Officer. Through this program, the City has compelled owners of dilapidated housing to improve its condition. When evaluating sites for housing, the City avoids environmental hazard or sensitive resource areas. The Housing Element was updated and adopted by the City Council on October 19, 2010. The California State Department of Housing and Community Development review is pending.

### **Public Services Element**

In an effort to avoid a power outage in Lompoc, the City requires the undergrounding of existing overhead utility distribution lines in association with new development projects. To ensure that residents have access to basic needs, the City will only allow development in areas where adequate public facilities and services, such as water, utilities, and fire/police protection, are available at the time of development.

To minimize street flooding, the City will ensure that the storm drain system has the adequate capacity to handle runoff from a design standard storm and, where feasible, will expand the capacity of the system to control storm flows. New development will be required to minimize the amount of off-site drainage by retaining stormwaters for on-site percolation, provide adequate drainage facilities for remaining off-site flows, maintain natural drainage channels, and avoid alteration of off-site drainage courses.

The City of Lompoc participates in an automatic aid agreement with Santa Barbara County Fire Department and in mutual aid agreements with Vandenberg Air Force Base and the State of California. The City is concerned with promoting fire mitigation through its encouragement of public education regarding fire prevention, as well as safety and first aid medical procedure exercises. Fire mitigation is also performed by the City in that it amended the City Code to require the installation of automatic fire protection systems in all new buildings that exceed fire protection and on scene response capabilities of the fire department. The fire department is responsible for reviewing all development projects to determine if they adhere to fire safety requirements.

### **Safety Element**

Lompoc is aware of the hazards that can affect the City. These hazards include: flooding, liquefaction, steep slopes, seismic hazards, wildland fires, and hazardous material incidents. In an effort to mitigate the damages caused by these hazards, the City aims to avoid placing critical facilities in hazardous areas. Several hazard maps included in this Plan detail where these hazardous areas are located within the City. The City's Zoning Ordinance will incorporate specific standards for siting, designing, and reviewing critical facilities. The City will also amend the Zoning Ordinance to require all publicly-owned critical facilities to provide and maintain emergency

electrical generating capability. An emergency warning system will be implemented in the City and, for event-specific risks brought to the City's attention, the City shall develop event-specific plans, procedures, or programs to manage the risk and maximize public safety.

### **Flood**

To mitigate damage that can result from floods, the City will designate the land within floodways for open space land uses. Development may be permitted on boundaries of the floodway provided that building setback requirements from the Santa Ynez River and other streams are met and finished floor elevations are at least one foot above the 100-year flood elevations. Any development that impairs the ability of the floodway to convey floods or compounds potential flooding will be prohibited. The City will also amend the Floodplain Management Ordinance to maintain consistency with Federal and State requirements, to establish a regulatory floodway, to regulate grading and filling activities that diminish the carrying capacity of the floodway, and to establish building setbacks from the Santa Ynez River and other water bodies. Lompoc will coordinate with the Santa Barbara County Flood Control and Water Conservation District in mitigating flood impacts from new construction, and also with FEMA and the USDA Soil Conservation Service in flood protection activities. The City will create public awareness programs to educate residents on flood hazards and procedures to minimize injury and property damage before, during, and after a flooding event.

### **Wildfire**

To help reduce the damage caused to development from wildfires, the City will determine the suitability and design of development in wildland fire hazard areas. Uses which increase the danger of wildland fires will be restricted. The Zoning Ordinance will be amended to establish the minimum distance between buildings and wildland fire risk areas to be no less than 60 feet, unless the following conditions are met: properly built access roads; available water supply; construction with materials that are more fire resistant than standard requirements; and construction and maintenance of fuel breaks. The Fire Protection Ordinance should also be amended to allow the Fire Chief to require that developments located in areas beyond the five minute response time meet more stringent construction code requirements to provide necessary fire protection. The City will also require and review landscape plans for all development projects in wildland fire hazard areas for consistency with fire-resistant and drought-tolerant landscaping concepts. The fire department and/or Urban Forester will provide public information brochures on fire-resistant landscaping to the public.

### **Seismic**

The City regards seismic retrofitting as a way to mitigate the damages caused by earthquakes. All seismically vulnerable buildings, including critical facilities and City owned properties, will continue to be identified by the City and those buildings will be required to be reinforced to minimize the risk of personal injury during an earthquake. For City-owned facilities, the City can apply for funding under the Earthquake Safety and Public Buildings Rehabilitation Bond Act of 1990. All new buildings should be constructed in accordance with current seismic safety design standards. Another earthquake mitigation action that the City promotes is public awareness programs, designed to create awareness of seismic hazards and procedures to minimize injury and property damage before, during, and after an earthquake.

Steep slopes are also a concern in Lompoc because development built on steep grades can be more susceptible to being impacted by an earthquake, landslides, and liquefaction. Therefore, the City may permit development on hillsides only where it can be demonstrated that geologic conditions are sound for construction purposes. Before development is allowed to be constructed on slopes, a Certified Engineering Geologist must prepare a report which includes recommendations for remedial

measures to ensure the stability of natural and manufactured slopes within the area affected by the development. For areas with 20 percent slopes or greater, the stability of the slopes must be addressed by a Registered Soils Engineer. Liquefaction potential must also be evaluated by a Registered Soils Engineer for development in liquefaction hazard areas. The Zoning Ordinance will be amended to require developers proposing structures on or adjacent to steep slopes to develop and implement hillside drainage plans to reduce the risk of further movement by existing landslides, to site new structures away from steep hillsides and the toes of existing landslide surfaces, and to perform site specific slope stability investigations and analyses by a Registered Geotechnical Engineer. Critical facilities will not be permitted within areas prone to slope instability or liquefaction during an earthquake.

### **Hazardous Materials**

To prevent hazardous material transportation incidents from affecting residential areas, open space buffers will be created between hazardous materials routes and residential neighborhoods. Also, residents within a quarter mile of new hazardous materials handling facilities will be notified immediately by the City emergency response organizations of any accidental occurrences such as spills, leaks, or eruptions that may affect the health, safety, and welfare of the public. The City will ensure that businesses and industries that use, store, and handle hazardous materials do so in compliance with applicable City policies as well as State and local laws, guidelines, and regulations.

### ***13.3.7.2 The City of Lompoc Capital Improvement Plan***

The document is written by City Administrator Gary P. Keefe, and outlines the staff's proposal for a fifteen year capital improvement program covering the period 2002-03 through 2016-17. It is separated by departments/divisions and gives a description of the respective projects, costs, and fiscal year for when the projects would be initiated. It also acknowledges that long-term projects are important to the City in order to appropriately plan, organize and finance the projects that are needed in the community. The total for these projects is expected at \$150.9 million.

Analyzing the various graphics and charts –depicting costs per department- it is expected that the Fire, Wastewater and Engineering (Bikeways) departments will require the three largest budgets between FY 07-12; this is compared to FY 12-17 where the Engineering (traffic), Wastewater, and Electric departments are the top spenders. Below is a summary of the proposed allocation:

	Capital Improvement Program - Fifteen Year Projection							
	Allocation of Project Costs by Year (000's)							
Department	Proposed Project Cost Estimate	2002-03	03-04	04-05	05-06	06-07	5-Years 07-12	5-Years 12-17
Museum	\$ 250	\$ -	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50	
Fire Department	\$ 6,266	\$ 31	\$ 44	\$ 63	\$ 705	\$ 290	\$ 4,171	\$ 962
Police	\$ 6,458	\$ 400	\$ 338	\$ 315	\$ 1,050	\$ 390	\$ 2,465	\$ 1,500
Library	\$ 4,787	\$ 200	\$ -	\$ -	\$ 1,600	\$ 2,303	\$ 684	
Streets	\$ 192						\$ 192	
Parks & Recreation	\$ 13,600	\$ 275	\$ 8,400	\$ 1,450	\$ 575	\$ 575	\$ 2,075	\$ 250
Engineering - Traffic	\$ 21,110	\$ 620	\$ -	\$ 235	\$ 320	\$ 205	\$ 1,220	\$ 18,510
Engineering - Pedestrian Imp.	\$ 2,337	\$ 1,020	\$ 342	\$ 75	\$ 75	\$ 75	\$ 375	\$ 375
Engineering - Bikeways	\$ 5,348	\$ 736	\$ 60	\$ 747	\$ 105	\$ 520	\$ 3,080	\$ 100
Wastewater	\$ 62,494	\$ 2,934	\$ 11,131	\$ 10,950	\$ 11,450	\$ 16,529	\$ 3,250	\$ 6,250
Water	\$ 18,343	\$ 2,950	\$ 3,775	\$ 7,918	\$ 991	\$ 236	\$ 1,216	\$ 1,257
Electric	\$ 8,156	\$ 1,509	\$ 555	\$ 1,120	\$ 507	\$ 507	\$ 2,173	\$ 1,785
Transit	\$ 911	\$ 240	\$ 98	\$ 42	\$ 100	\$ -	\$ 209	\$ 222
Airport	\$ 125		\$ 125	\$ -				
Solid Waste	\$ 586	\$ -	\$ 72	\$ -	\$ 269	\$ 245		
<b>Total</b>	<b>\$ 150,963</b>	<b>\$ 10,915</b>	<b>\$ 24,990</b>	<b>\$ 22,965</b>	<b>\$ 17,797</b>	<b>\$ 21,925</b>	<b>\$ 21,160</b>	<b>\$ 31,211</b>

With respect to hazard mitigation, the Fire, Police, Wastewater, and Water departments are of most importance. For example, the Fire Department is proposing various items in order to increase the department's emergency response capacity via investments in safety gear and vehicles. Along with new and renovated stations, their outreach will extend to more isolated communities. Complementing the department's efforts are the initiatives proposed by the Police department, who are pursuing investments in mobile data infrastructure, digital radio upgrades, and vehicle purchases. Collectively, this would facilitate the intra-department communication and overall service. Lastly, the departments on Water and Wastewater are proposing initiatives to upgrade their existing facilities and infrastructure; doing so, would remove debris and possible drainage clogging, which would result in urban flooding.

### 13.3.7.3 The City of Lompoc Emergency Operations

The purpose of the Emergency Operations Center - EOC is to provide a facility, from which the City's [of Lompoc] response to an emergency can be effectively coordinated. The primary role of the EOC is to bring together all relevant information about the emergency to one location, organize that information in a useful format to the City's decision making body, and facilitate the coordination of resources needed to mitigate the effects of the emergency. Concisely, the EOC processes emergency resources, policy and priority setting. The EOC, however, doesn't provide tactical direction to the various field incident commands.

The City of Lompoc EOC manages and provides mitigation planning for large scale emergencies or disasters. It is organized into two distinct functional areas: 1) EOC Management Staff, who are comprised of the City Administrator or designee, Public Information Officer, Legal Officer, and the

Policy Decision Group; and 2) EOC General Staff, headed by the EOC Director and includes the Operations Section, Plans/Intelligence, Logistics, and Finance Section. The document discusses extensively on the role of each staff member, describing how collaboration and coordination would occur, as well as the expected duties and procedures required during the event of an emergency. The EOC's hierarchy is also delineated in this section.

The City Administrator, Director of Emergency Services, serves as EOC Director with the responsibility detailed in Lompoc City Code Section 1306. In contrast, City Management is responsible for the overall emergency policies and coordination through the joint efforts of governmental agencies and private organizations. Under direction of the EOC Director, General Staff is responsible for the call-out and release of emergency response personnel and providing for appropriate shift coverage during emergency conditions. EOC management is responsible for setting overall objectives and the City's priorities. An EOC management priority is the development and implementation of an EOC Action Plan for each operational period.

At the start of an incident, each position (grouped in sections shown below) is handled by the first arriving director; as key personnel arrive, are assigned EOC positions according to the Operations manual.

The *Operations Section Coordinator* (General Staff) is responsible for the receipt and coordination of information and requests related to the City's response to an incident. The Operations Coordinator reviews and makes changes to the Incident Action Plan as necessary and reports such changes to the EOC Director. Furthermore, he or she is assigned to primary response oriented functions, such as Law enforcement, Fire Department, Utilities Director, Public Works Director, etc.

The *Planning/Intelligence Section* is responsible for the collection, evaluation, dissemination and use of information regarding the incident, and the preparation and documentation of EOC Action Plans. This section also conducts planning meetings and summarizes the written incident action plan for incidents requiring extended operations. Intelligence collection and Resources Status are examples of the kinds of units, which may be formed within this section.

The *Logistics Section* is responsible for ensuring the logistical needs of the disaster are met. This section provides service and support, supplies, equipment, and medical support to the incident assigned personnel, and deals with transportation requirements of the incident. In addition, Logistics registers and coordinates the use of volunteers during an incident and receives and manages donations/services of individuals, private sector organizations and others not included in the formal response structure.

The *Finance/Administration Section* is responsible for monitoring costs, procurements, contracts, and other financial considerations. Logistics is required to maintain records on personnel and equipment time, providing payments to vendors, and other support to incident personnel.

Following an incident, it may be necessary to convene a Multi-agency (MACS) or Interagency Coordination Group as designated by County Resolution 97-346, to develop consensus on priorities, resource allocation and response strategies. It will be responsible for interagency coordination, including: 1) establishing overall priorities, 2) allocating scarce resources, 3) developing strategies for handling Multi-Agency and Multi-Jurisdictional response problems, 4) sharing information, and 5) facilitating communications.

In summary through the establishment of the Emergency Operations Center, the City of Lompoc expects to have a coordinated plan that clearly details the procedures, duties and hierarchy in response to an extraordinary hazardous event. As a result, their aim is to reduce losses of life and property, as well as promote the resiliency and recovery efforts needed to minimize the threat of any [hazardous] incident in the area.

#### *13.3.7.4 The City of Lompoc Implementation Plan*

The five-year Implementation Plan is the fourth in a series of redevelopment implementation plans mandated since 1994 by the State's legislature adoption of Assembly Bill 1290. For the FY 2010 – FY 2014, the Implementation Plan contained the following: Agency accomplishments during the Preceding Implementation Plan term; Agency goals, objectives, programs, and projects for the next five years; Estimated revenue and expenditures to enable implementation of Agency programs and projects; An explanation of how the Agency's goals and objectives, programs, and expenditures will eliminate blight within the Project Area; An affordable housing production plan that outlines how the Agency will meet its affordable housing obligations; and An estimate of the number of units to be provided over the next five and ten years to meet the Agency's inclusionary housing requirements.

To reduce flood risk is one of the goals outlined in the 2003-2008 Implementation Plan. Its aim is to provide a broad range of public service infrastructure improvements, including: the construction and reconstruction of water storage and distribution facilities; and the development of sewage, drainage and flood control facilities.

Furthermore, through the Affordable Housing Programs for FY 2010 – FY 2014, the agency is establishing the *Seismic Retrofit Program*, which offers interest-free loans to owners of unreinforced masonry buildings to defray the cost of engineering, architectural design, City fees and retrofit work.

In summary, the five-year Implementation Plan is cognizant of natural hazards within the City of Lompoc, and through various agencies aims to minimize the respective damages from these threats. As a result, it improves resiliency, minimizes physical damages, and reduces potential loss of life.

#### *13.3.7.5 Zoning and Subdivision Ordinances*

The State of California has empowered all cities and counties to adopt zoning ordinances. The City of Lompoc's original Zoning Ordinance was adopted in 1974. The City of Lompoc has a five member Planning Commission, which is an advisory body to the City Council. The Commission was established under State law to provide relief in special cases where the exact application of the terms of the ordinance would be unduly restrictive and cause a hardship, in addition to generally reviewing zoning and subdivision proposals. The Planning Commission hears and decides upon the interpretation and the application of the provisions of the Zoning and Subdivision Ordinances. Although the Commission has certain discretionary powers in making its decisions, the Commission must always abide by and comply with the powers granted to it by the local Zoning and Subdivision Ordinances and the State's enabling acts. Additionally, the Planning Commission may recommend actions to the City Council and the Planning Commission's actions may be appealed to the City Council.

### *13.3.7.6 The Storm Water Management Program*

The City of Lompoc maintains an approved Storm Water Management Program (SWMP), pursuant to the National Pollutant Discharge Elimination System (NPDES) Phase II Small Municipal Separate Storm Sewer System (MS4) program. The City's SWMP was approved on October 17, 2008 by the Central Coast Regional Water Quality Control Board.

The SWMP can be found on the City's website and addresses the six minimum control measures: Public Involvement / Participation; Public Education and Outreach; Illicit Connection and Discharge Detection and Elimination; Municipal Operations Control; Construction Site Control; and New Development / Redevelopment Control). The SWMP and its related Storm Water Management Ordinance apply to all property within the City limits and to property owned by the City, wherever it is located.

### *13.3.7.7 Building Codes*

The State of California has adopted the 2010 California Building Codes, which is enforced in the City of Lompoc. The California Uniform Statewide Building Code is based on the 2009 International Building Code with State amendments.

The City provides a full service building inspection division, which is responsible for enforcing State, City, and County Codes for building residential and commercial structures, enforcing environmental codes and guidelines for maintaining existing structures. In 1999, the City received the highest rating for its building code effectiveness in residential and commercial construction from the Insurance Services Office (ISO).

The ISO is an insurer-supported organization that provides advisory insurance underwriting and rating information to insurers. The ISO uses a rating scale of 1 to 10 with 1 being the highest rating given. The City's evaluation can be used as a basis for providing rating credits to individual property insurance policies.

### *13.3.7.8 Floodplain Management Ordinance*

The City of Lompoc has an enforced Floodplain Ordinance requiring that all habitable floors must be built a minimum two feet above the 100-year floodplain and the special flood hazard areas. It is important to note, however, that many parts of the City flood due to storm water infrastructure – not because of their proximity to 100-year floodplain.

The City of Lompoc's Flood Insurance Rate Map (FIRM) numbers are 060334-720F, 736F, 737F, 738F, 739F, 743F. The FIRMs were revised in September 2005 and are used by both public and private sector to determine flood insurance requirements and rates and to administer the City's Flood Zone Management Ordinance.

Floodplain districts identified in the FIRMs include the following flood hazard zones and definitions:

- **Zone A** is the flood insurance rate zone that corresponds to the 100-year floodplains that are determined in the Flood Insurance Study by approximate methods. Because detailed hydraulic analysis is not performed for such areas, no Base Flood Elevations or flood hazard factors are determined.
- **Zone AO** is the flood insurance rate zone that corresponds to areas of 100- year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
- **Zone A1-A30** is the flood insurance rate zone that corresponds to areas of 100-year flood; base flood elevations and flood hazard factors are determined.
- **Zone B** is the flood insurance rate zone that corresponds to areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood.
- **Zone C** is the flood insurance rate zone that corresponds to areas of minimal flooding.

All potential development projects located within floodplains must follow an established development review process. Developments involving drainage ditches or watercourses in floodplains must receive Federal, State and Local review and permits as required by the Floodplain Administrator and the Lompoc Municipal Code.

#### *13.3.7.9 Repetitive Loss Properties*

Repetitive loss properties are defined as property that is insured under the NFIP that has filed two or more claims in excess of \$1,000 each within any consecutive 10-year period since 1978. There are currently no repetitive loss properties in the City of Lompoc.

#### *13.3.7.10 Standardized Emergency Management System/ Multi-Hazard Functional Plan*

On December 29, 1999, the City of Lompoc submitted its Standardized Emergency Management System Multi-Hazard Functional Plan to the State of California for approval. The plan was updated in 2004 and approved in 2005. The Plan discusses mitigation in the form of training and exercises, which are essential at all levels of government to make emergency operations personnel operationally ready. All emergency plans should include provision for training. The objective is to train and educate public officials, emergency response personnel and the public. Lompoc Fire Department has provided EOC training for all employees at the Awareness and Field Level. It is anticipated that we will complete the Executive EOC training in 2012. In addition to the training, exercises should be conducted on a regular basis to maintain the readiness of operational procedures. Exercises provide personnel with an opportunity to become thoroughly familiar with the procedures, facilities and systems which will actually be used in emergency situations. There are several forms of exercises:

- Tabletop exercises provide a convenient and low-cost method designed to evaluate policy, plans and procedures, and resolve coordination and responsibilities. Such exercises are a good way to see if policies and procedures exist to handle certain issues.
- Functional exercises are designed to test and evaluate the capability of an individual function such as evacuation, medical, communications or public information.

- Full-scale exercises simulate an actual emergency. They typically involve complete emergency management staff and are designed to evaluate the operational capability of the emergency management system.

## 13.4 HAZARD ASSESSMENT

The City of Lompoc's Local Planning Team reviewed the hazard ranking worksheet developed by the County MAC. The ranking information was modified by the LPT based on the hazards that impact the City. After reviewing the County's hazard ranking, the LPT for the City of Lompoc removed the tsunami hazard along with the landslide and coastal erosion hazard because those hazards do not affect the jurisdiction enough for planning consideration. They also modified the ranking of the Agricultural (pests and diseases) to reflect a limited concern within the City. Table 13-3 provides the hazard ranking for the City of Lompoc while Table 13-4 presents the ranking worksheet for how the Local Planning Team calculated each specific hazard as impacting the City.

**Table 13-3**  
**City of Lompoc - Hazard Ranking and Planning Consideration 2011**

Hazard Type and Ranking	Planning Consideration Based on Hazard Level
Flooding (including coastal surge)	Significant
Agricultural (pests and disease)	Limited
Earthquake	Significant
Dam Failure	Limited
Wildfire	Limited

**Table 13-4**

**HAZARD RANKING WORKSHEET - City of Lompoc**  
December 2, 2010

Hazard Type	Probability	Impact			Total Score	Hazard Planning Consideration
		Affected Area	Primary Impact	Secondary Impacts		
<b>Importance Factor:</b>	2	0.8	0.7	0.5		
DAM FAILURE	4	3.2	2.8	2	32	Limited
EARTHQUAKE	6	3.2	2.1	1.5	41	Significant
WILDFIRE	6	2.4	1.4	1	29	Limited
FLOODING (include coastal surge)	8	2.4	1.4	2	48	Significant
TSUNAMI	2	0.8	0.7	0.5	4	None
LANDSLIDE/COASTAL EROSION	4	0.8	0.7	1	10	None
AGRICULTURE (pests and disease)	4	0.8	1.4	1	13	Limited
<p><b>City Revisions:</b> Dam Failure still has limited hazard planning consideration, but the total score did change from the County's ranking. Earthquake remained the same as the County's ranking. Wildfire was changed to only having a limited hazard planning consideration. Flooding still has significant hazard planning consideration, but the total score did change from the County's ranking. The Tsunami and Landslide/Coastal Erosion hazard were removed from the City's planning consideration. Agricultural hazard was reduced to limited due to minimal concern for impacts within the City.</p>						

The probability of each hazard is determined by assigning a level, from 1 to 4, based on the likelihood of occurrence from historical data. This ranking is multiplied by an importance factor of 2. The total impact value includes a summed ranking for affected area, primary impact and secondary impact. Each ranking is multiplied by an importance factor as indicated. The probability score is multiplied by the sum of the three impact scores to determine the total score for the hazard. The hazard planning consideration is determined by the total score as indicated by the Hazard Level scale below.

**Probability** Importance   
Based on estimated likelihood of occurrence from historical data

Level	Probability	Score
1	Unlikely	2
2	Somewhat Likely	4
3	Likely	6
4	Highly Likely	8

**Affected Area** Importance   
Based on size of geographical area of community affected by hazard

Level	Affected Area	Score
1	Isolated	0.8
2	Small	1.6
3	Medium	2.4
4	Large	3.2

**Primary Impact** Importance   
Based on percentage of damage to typical facility in community

Level	Impact	Score
1	Negligible - less than 10% damage	0.7
2	Limited - between 10% and 25% damage	1.4
3	Critical - between 25% and 50% damage	2.1
4	Catastrophic - more than 50% damage	2.8

**Secondary Impacts** Importance   
Based on estimated secondary impacts to community at large

Level	Impact	Score
1	Negligible - no loss of function, downtime, and/or evacuations	0.5
2	Limited - minimal loss of function, downtime, and/or evacuations	1
3	Moderate - some loss of function, downtime, and/or evacuations	1.5
4	High - major loss of function, downtime, and/or evacuations	2

**Total Score = Probability x Impact, where:**  
Probability = (Probability Score x Importance)  
Impact = (Affected Area + Primary Impact + Secondary Impacts), where:  
Affected Area = Affected Area Score x Importance  
Primary Impact = Primary Impact Score x Importance  
Secondary Impacts = Secondary Impacts Score x Importance

**Hazard Level**

Total Score	(Range)	Distribution	Hazard Level
0.0	12.0	3	None
12.1	32.0	0	Limited
32.1	39.6	2	Moderate
39.7	64.0	0	Significant

### 13.4.1 Flood and Coastal Storm Surge

The City of Lompoc ranked the flooding hazard, including coastal storm surge, as being a significant planning concern to the City. This was the highest ranked hazard for the City. For a complete listing of the flood profile, please refer to Section 5.3.

The City's Floodplain Ordinance requires all new construction be built at least 200 feet from the top of bank of the Santa Ynez River and all new buildings are constructed 2 feet above the flood zone. When new projects go through the City's approval process, the Planning Commission, City Council, and City Engineer ensure the wastewater treatment plant is protected from flooding inundation.

Erosion of the banks of the Santa Ynez River has become a significant concern within the City. The continual progression of bank erosion poses potential threats to adjacent residences, properties, and public streets. Additionally, continued bank erosion is anticipated to damage the Riverbend Park bikeway within the next one to two large (10-year recurrence interval) storms.

To address the concern of this progressing bank erosion, the City has engaged a consulting team specializing in riverbank stabilization, to evaluate the feasibility, cost, and other considerations for stabilizing this reach of riverbank. The City's consulting team led by Penfield & Smith has prepared concept-level designs, construction cost estimates, and Feasibility Studies that discuss project alternatives, environmental concerns, and design considerations. The City is currently seeking funding opportunities to complete design and construction of this project.

### 13.4.2 Wildfire

The City of Lompoc ranked the wildfire hazard as being a limited planning concern for the City. For a complete listing of the wildfire profile, please refer to Section 5.4.

The Fire Department requires all commercial development over 5,000 square feet to install automatic fire sprinklers and use fire resistant building materials. The Fire Department also has a vegetation management program that annually inspects all lots in early spring and advises property owners that all brush must be removed by June 1.

The Lompoc Fire Department works with residents to provide Community Emergency Response Team training. In the Year 2002 Lompoc became the custodian of a Community Emergency Response Team trailer that was provided through a grant. The trailer is equipped with supply kits that included a generator, radios, batteries, flashlights, food, water, and medical supplies.

City officials continually ensure that future development is sited, designed, and constructed in a manner that will reduce future damages associated with natural hazards

### 13.4.3 Agricultural Pests

The City of Lompoc ranked the agricultural pests hazard as being a limited risk to the City. For a complete listing of the agricultural pests profile, please refer to Section 5.5. The City of Lompoc does not have additional city specific information on the risk to agricultural pests.

#### 13.4.4 Earthquake

The City of Lompoc ranked the earthquake hazard as being a significant risk to the City. For a complete listing of the earthquake profile, please refer to Section 5.6.

The following is a status report of Unreinforced Building locations within the City of Lompoc:

##### **Classifications**

Historic Unreinforced	4
Non-Historic Unreinforced	17

##### **State of Mitigation Progress**

No. of URM buildings in substantial compliance with UCBC Appendix Chapter 1	15
No. of URM buildings in substantial compliance with jurisdiction program	1
No. of URM buildings with plans submitted and plan checks underway, but permits are not issued	1
No. of URM buildings demolished	1
No. of URM buildings slated for demolition, posted unsafe or otherwise unoccupied.	1
No. of buildings with no seismic risk reduction progress	2

The City's Building Division has examined all structures within the City limits and determined that Lompoc has 21 unreinforced masonry buildings located within the City. Of the 21 buildings, 15 are in substantial compliance.

All of the City's water comes from wells that are augmented by 4 reservoirs that are located aboveground and following the 6.5 San Simeon Earthquake in December 2003, the City's Utilities Department determined that all water reservoirs continued to operate normally.

#### 13.4.5 Dam Failure

The City of Lompoc ranked the dam failure hazard as being a limited risk to the City. For a complete listing of the dam failure profile, please refer to Section 5.8.

The City of Lompoc lies approximately 33 miles west of the Bradbury Dam and the City sits along the Santa Ynez River. If the dam were to fail, the City of Lompoc could sustain substantial flooding via the Santa Ynez River. It has been established that the Bradbury Dam has been mapped for inundation.

## 13.5 VULNERABILITY ASSESSMENT

The City of Lompoc identified 40 critical facilities to be included in the Vulnerability Assessment portion of the plan. These facilities primarily included utilities, government, and educational structures. Structure and content values were not available for the critical facilities provided for detailed vulnerability assessment.

The results of these facilities shown to be impacted (AT LEAST moderately) from each hazard are shown in the table below:

Hazard Type	Specific Risk	Count or (Average)	% of Critical Facilities Impacted	Exposure
Flood				
	FEMA Flood Zone	26	65%	N/A
	Flood Overlay Zone	2	5%	N/A
Fire				
	Fire Severity Zone	1	3%	N/A
	WUI	32	80%	N/A
	Fire Threat	33	83%	N/A
Dam Inundation		23	58%	N/A
Earthquake				
	Groundwater/Liquefaction Severity	37	93%	N/A
	Peak Ground Acceleration	(1.17)	N/A	N/A

It is worth noting that a majority of the City of Lompoc's critical facilities evaluated were at least moderately impacted by the following threats:

- FEMA Flood Zone
- Wildland Urban Interface
- Fire Threat
- Groundwater/Liquefaction Severity

A full description of the threats in the table above is provided in Section 6 of the countywide mitigation plan. As the City continues to assess its vulnerability to the identified hazards, the collection of better data will help to improve the risk assessment process in order to direct planning and mitigation decisions.

### 13.5.1 Critical Facilities and Flood Vulnerability

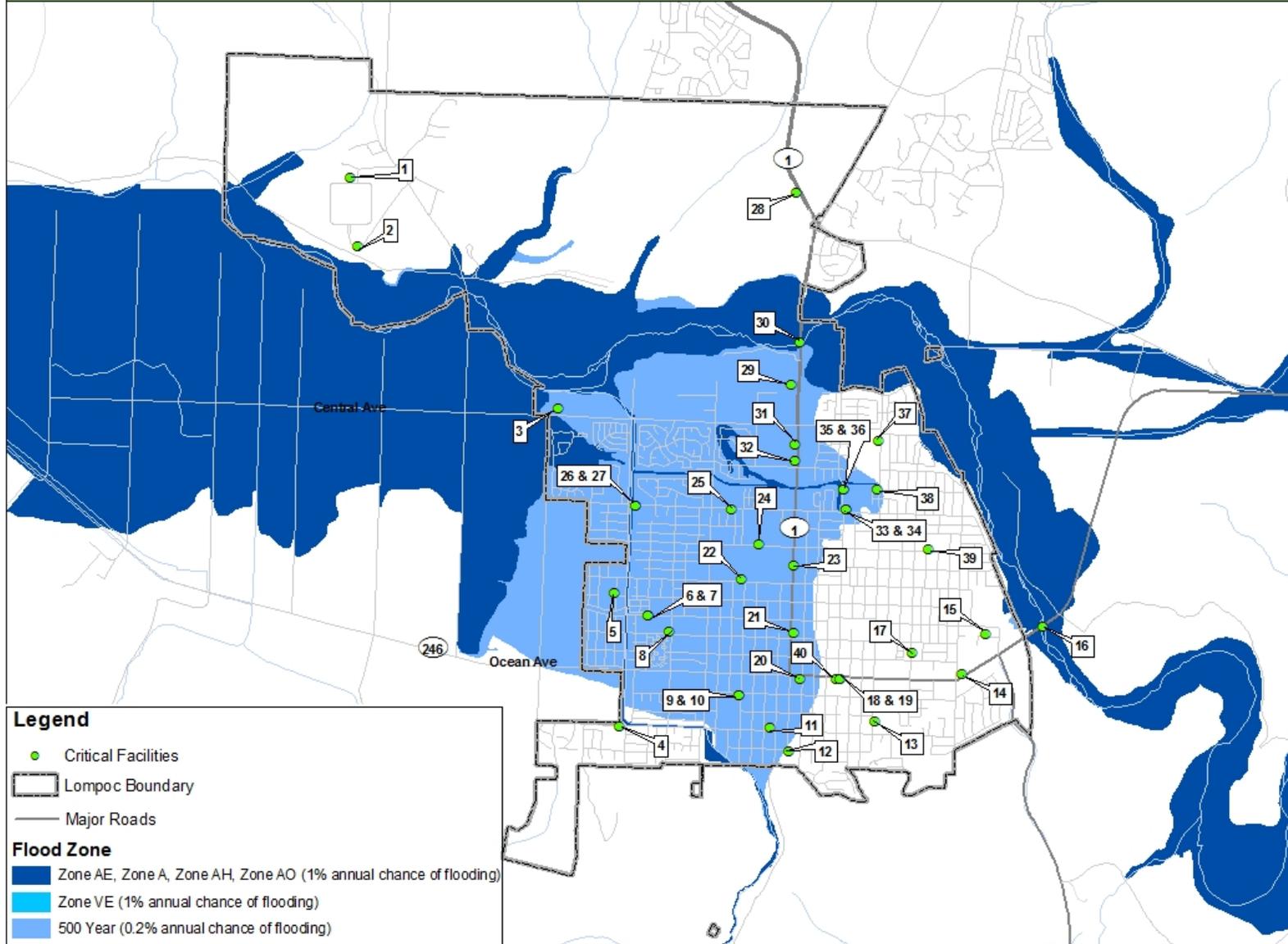
The table below presents the 40 identified critical facilities and their exposure to flood risk. The Map ID number for each critical facility corresponds to those found on the following maps showing the

location of the critical facilities in relation to the County's profiled hazards. Using a GIS and the data shown in these maps, it was determined which critical facilities are exposed to which hazards by whether or not they fall within the mapped hazard area. The results of the exposure analysis are included in Section 13.8 as Attachment 3: Exposure Analysis.

Map ID	Critical Facility	Type	Address	Flood Hazard	
				FEMA Flood Zone	Flood Overlay Zone
1	Federal Correctional Institution	Government	3600 Guard Road	Outside Floodplain	Outside Flood Overlay Zone
2	US Penitentiary	Government	3901 Klein Blvd	Outside Floodplain	Outside Flood Overlay Zone
3	Wastewater Treatment Plant	Government	2501 West Central Ave	500 Year	Outside Flood Overlay Zone
4	Miguelito Elementary	Education	1600 West Olive Ave	Outside Floodplain	Outside Flood Overlay Zone
5	Clarence Ruth Elementary	Education	501 North W Street	500 Year	Outside Flood Overlay Zone
6	Lompoc City Corporate Yard	Government	1300 West Laurel Ave	500 Year	Outside Flood Overlay Zone
7	Lompoc City Bus Yard	Government	1300 West Laurel Ave	500 Year	Outside Flood Overlay Zone
8	SB County Health Care Services	Commercial	301 North R Street	500 Year	Outside Flood Overlay Zone
9	Lompoc Civic Auditorium	Government	203 South L Street	500 Year	Outside Flood Overlay Zone
10	Lompoc Middle School	Education	203 South L Street	500 Year	Outside Flood Overlay Zone
11	La Purisima Catholic School	Education	219 West Olive Avenue	500 Year	Outside Flood Overlay Zone
12	Veterans Memorial Building	Government	100 East Locust Avenue	Outside Floodplain	Outside Flood Overlay Zone
13	Arthur Hapgood Elementary	Education	324 South A Street	Outside Floodplain	Outside Flood Overlay Zone
14	Lompoc District Hospital	Commercial	1515 East Ocean Ave	Outside Floodplain	Outside Flood Overlay Zone
15	PGE Substation	Utilities	1701 Industrial Way	Outside Floodplain	Outside Flood Overlay Zone
16	Highway 246 Bridge	Government	2000 East Ocean Ave	100 Year	Within Flood Overlay Zone
17	Lompoc Convalescent Home	Commercial	216 North Third Street	Outside Floodplain	Outside Flood Overlay Zone
18	Lompoc City Jail	Government	107 Civic Center Plaza	Outside Floodplain	Outside Flood Overlay Zone
19	Police Station	Government	107 Civic Center Plaza	Outside Floodplain	Outside Flood Overlay Zone
20	Fire Station No. 1	Government	115 South G Street	500 Year	Outside Flood Overlay Zone
21	El Camino School	Education	320 North H Street	500 Year	Outside Flood Overlay Zone
22	Lompoc High School	Education	515 West College Ave	500 Year	Outside Flood Overlay Zone
23	Tap TV	Government	700 North H Street	500 Year	Outside Flood Overlay Zone
24	GTE	Utilities	205 West Pine Ave	500 Year	Outside Flood Overlay Zone
25	La Canada Elementary	Education	620 West North Ave	500 Year	Outside Flood Overlay Zone
26	Lodge of Lompoc	Commercial	1420 West North Ave	500 Year	Outside Flood Overlay Zone
27	Lompoc Skilled & Rehab Center	Commercial	1428 West North Ave	500 Year	Outside Flood Overlay Zone
28	Alan Hancock College	Education	1 Hancock Drive	Outside Floodplain	Outside Flood Overlay Zone
29	Lompoc City Airport	Government	1801 North H Street	500 Year	Outside Flood Overlay Zone

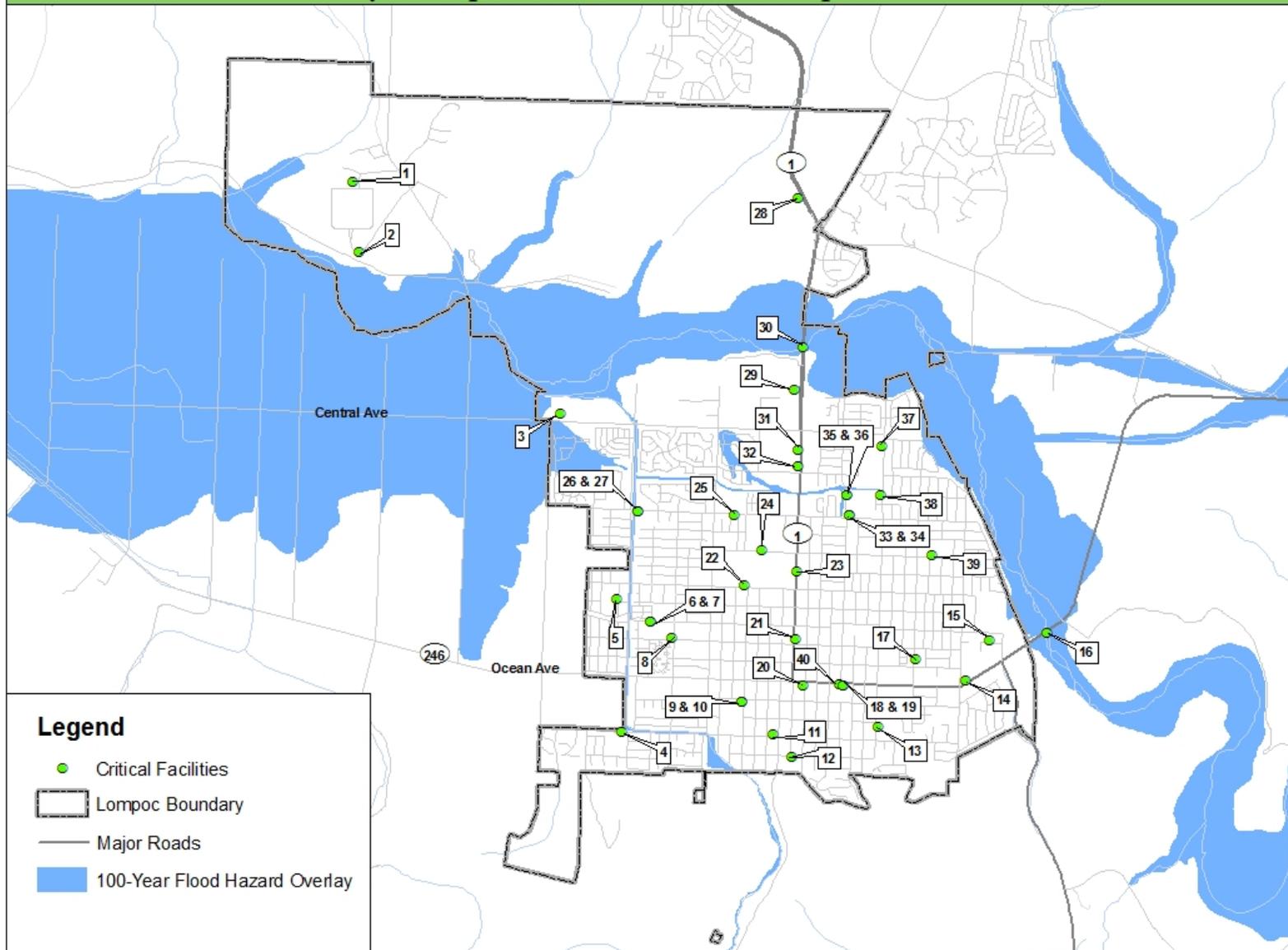
Map ID	Critical Facility	Type	Address	Flood Hazard	
				FEMA Flood Zone	Flood Overlay Zone
30	Highway 1 Bridge	Government	1600 North H Street	100 Year	Within Flood Overlay Zone
31	Lompoc Medi Center	Commercial	1307 North H Street	500 Year	Outside Flood Overlay Zone
32	Sansum Clinic	Commercial	1225 North H Street	500 Year	Outside Flood Overlay Zone
33	Lompoc Library	Government	501 East North Avenue	500 Year	Outside Flood Overlay Zone
34	Water Treatment Plant	Government	501 East North Avenue	500 Year	Outside Flood Overlay Zone
35	Fire Station No. 2	Government	1100 North D Street	500 Year	Outside Flood Overlay Zone
36	City Electrical Receiving Station	Government	1100 North D Street	500 Year	Outside Flood Overlay Zone
37	Lompoc Schools Admin Office	Education	1301 North A Street	Outside Floodplain	Outside Flood Overlay Zone
38	La Honda Elementary	Education	1213 North A Street	500 Year	Outside Flood Overlay Zone
39	Leonora Fillmore Elementary	Education	1211 East Pine Avenue	Outside Floodplain	Outside Flood Overlay Zone
40	Lompoc City Hall	Government	100 Civic Center Plaza	Outside Floodplain	Outside Flood Overlay Zone

## City of Lompoc Critical Facilities and Special Flood Hazard Areas



Source: Flood Insurance Rate Map (FIRM) Boundaries, Santa Barbara County GIS available at <http://www.countyofsb.org/itd/gis/default.aspx?id=2802>, September 15, 2009, prepared by FEMA.

## City of Lompoc Critical Facilities and Floodplain



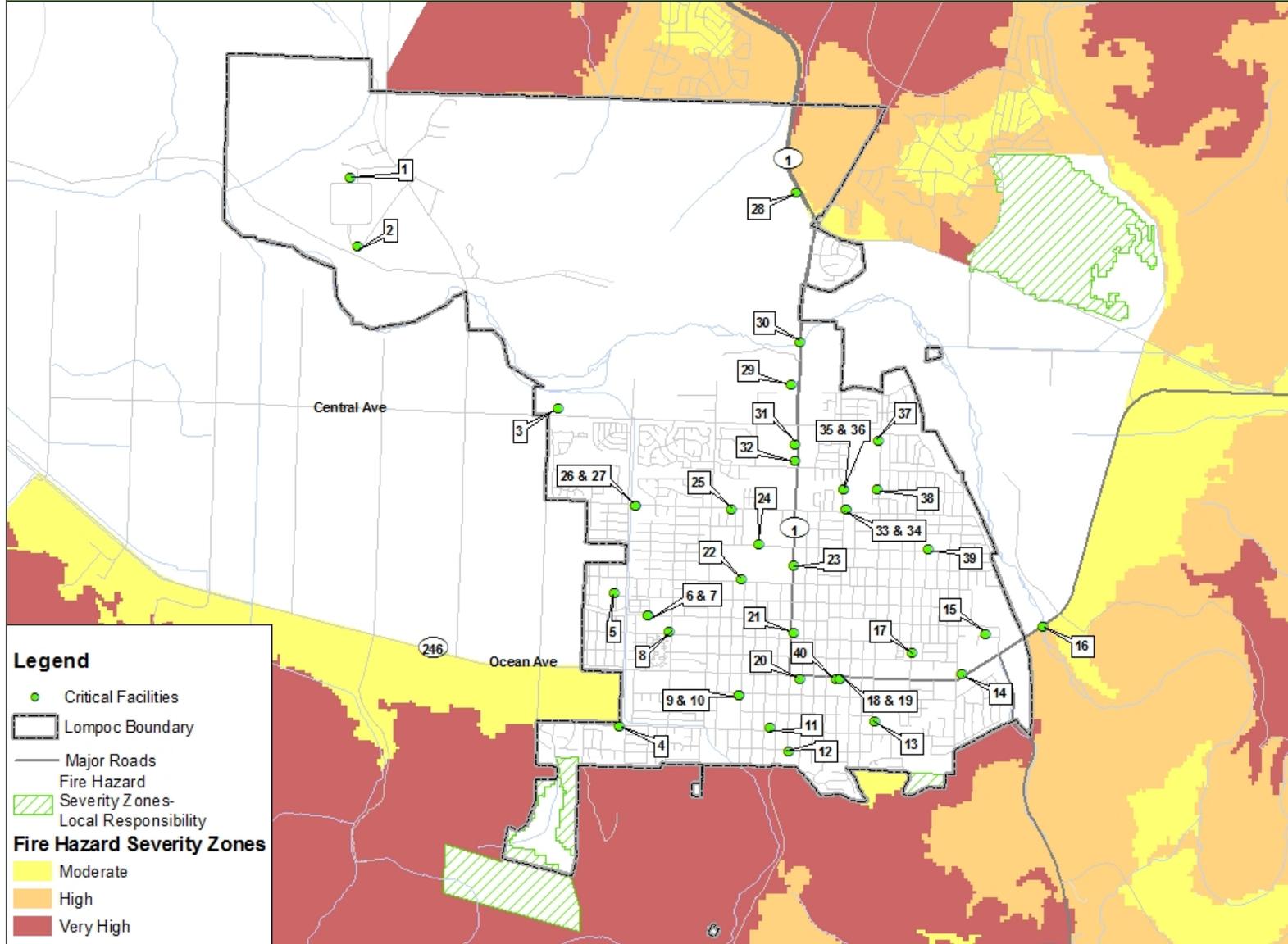
Source: Overlay – Flood Hazard, Santa Barbara County GIS, available at <http://www.countyofsb.org/itd/gis/default.aspx?id=2802>, November 23, 2010

### 13.5.2 Wildfire Vulnerability

Map ID	Critical Facility	Fire Hazard		
		Fire Severity Zone	WUI Zone	Fire Threat
1	Federal Correctional Institution	Outside Fire Severity Zone	Within WUI	Little or No Threat
2	US Penitentiary	Outside Fire Severity Zone	Within WUI	High
3	Wastewater Treatment Plant	Outside Fire Severity Zone	Within WUI	Little or No Threat
4	Miguelito Elementary	Outside Fire Severity Zone	Within WUI	Moderate
5	Clarence Ruth Elementary	Outside Fire Severity Zone	Within WUI	Moderate
6	Lompoc City Corporate Yard	Outside Fire Severity Zone	Within WUI	Little or No Threat
7	Lompoc City Bus Yard	Outside Fire Severity Zone	Within WUI	Little or No Threat
8	SB County Health Care Services	Outside Fire Severity Zone	Within WUI	Little or No Threat
9	Lompoc Civic Auditorium	Outside Fire Severity Zone	Within WUI	Moderate
10	Lompoc Middle School	Outside Fire Severity Zone	Within WUI	Moderate
11	La Purisima Catholic School	Outside Fire Severity Zone	Within WUI	Moderate
12	Veterans Memorial Building	Outside Fire Severity Zone	Within WUI	Moderate
13	Arthur Hapgood Elementary	Outside Fire Severity Zone	Within WUI	Moderate
14	Lompoc District Hospital	Outside Fire Severity Zone	Within WUI	Moderate
15	PGE Substation	Outside Fire Severity Zone	Within WUI	High
16	Highway 246 Bridge	High	Within WUI	Moderate
17	Lompoc Convalescent Home	Outside Fire Severity Zone	Within WUI	Moderate
18	Lompoc City Jail	Outside Fire Severity Zone	Outside WUI	Moderate
19	Police Station	Outside Fire Severity Zone	Outside WUI	Moderate
20	Fire Station No. 1	Outside Fire Severity Zone	Within WUI	Little or No Threat
21	El Camino School	Outside Fire Severity Zone	Outside WUI	Moderate
22	Lompoc High School	Outside Fire Severity Zone	Outside WUI	Moderate
23	Tap TV	Outside Fire Severity Zone	Outside WUI	Moderate
24	GTE	Outside Fire Severity Zone	Outside WUI	Moderate
25	La Canada Elementary	Outside Fire Severity Zone	Outside WUI	Moderate
26	Lodge of Lompoc	Outside Fire Severity Zone	Within WUI	Moderate
27	Lompoc Skilled & Rehab Center	Outside Fire Severity Zone	Within WUI	Moderate
28	Allan Hancock College	Outside Fire Severity Zone	Within WUI	Very High
29	Lompoc City Airport	Outside Fire Severity Zone	Within WUI	Moderate

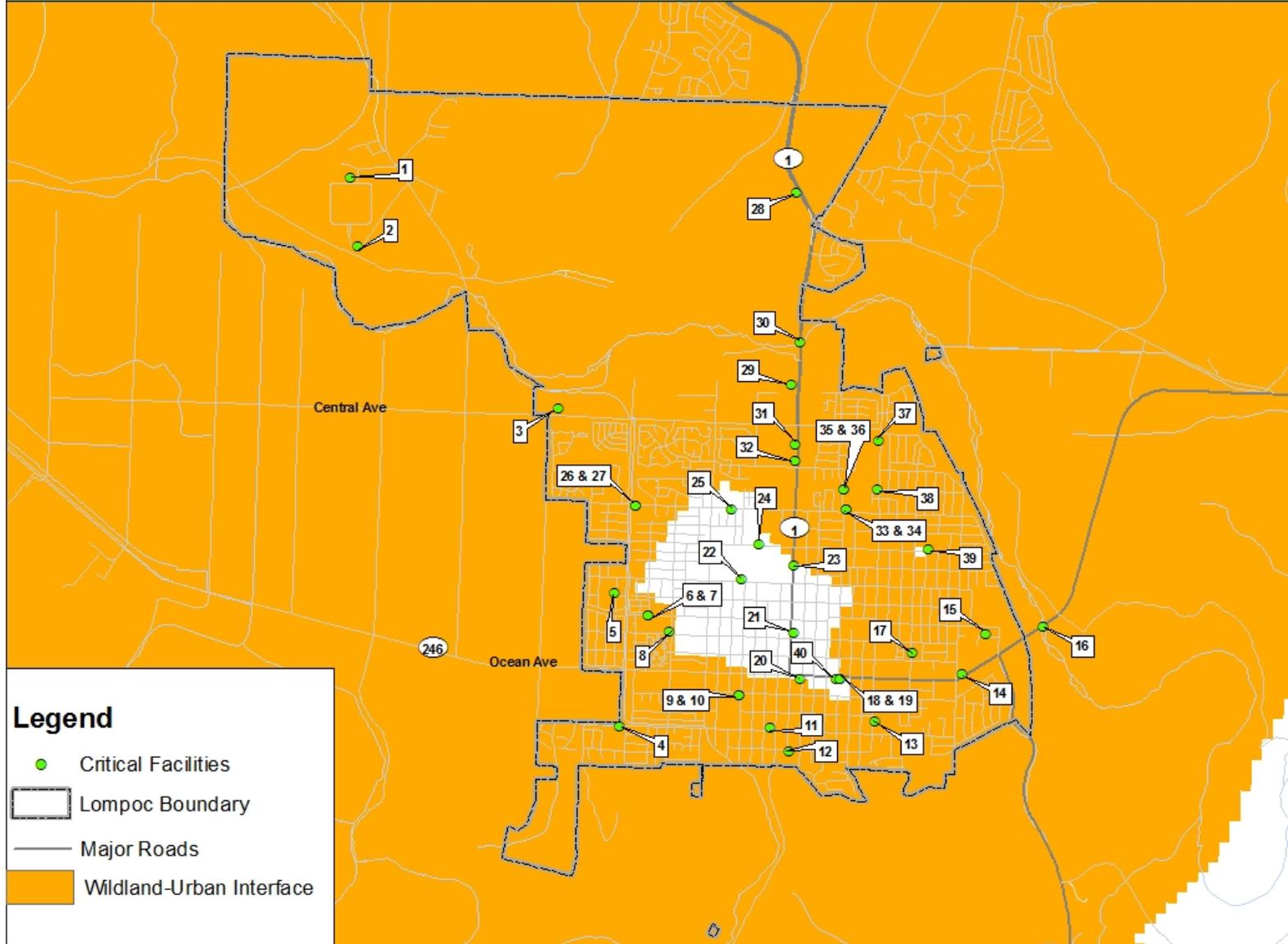
		Fire Hazard		
Map ID	Critical Facility	Fire Severity Zone	WUI Zone	Fire Threat
30	Highway 1 Bridge	Outside Fire Severity Zone	Within WUI	Little or No Threat
31	Lompoc Medi Center	Outside Fire Severity Zone	Within WUI	Moderate
32	Sansum Clinic	Outside Fire Severity Zone	Within WUI	Moderate
33	Lompoc Library	Outside Fire Severity Zone	Within WUI	Moderate
34	Water Treatment Plant	Outside Fire Severity Zone	Within WUI	Moderate
35	Fire Station No. 2	Outside Fire Severity Zone	Within WUI	Moderate
36	City Electrical Receiving Station	Outside Fire Severity Zone	Within WUI	Moderate
37	Lompoc Schools Admin Office	Outside Fire Severity Zone	Within WUI	Moderate
38	La Honda Elementary	Outside Fire Severity Zone	Within WUI	Moderate
39	Leonora Fillmore Elementary	Outside Fire Severity Zone	Within WUI	Moderate
40	Lompoc City Hall	Outside Fire Severity Zone	Outside WUI	Moderate

## City of Lompoc Critical Facilities and Fire Hazard Severity Zones



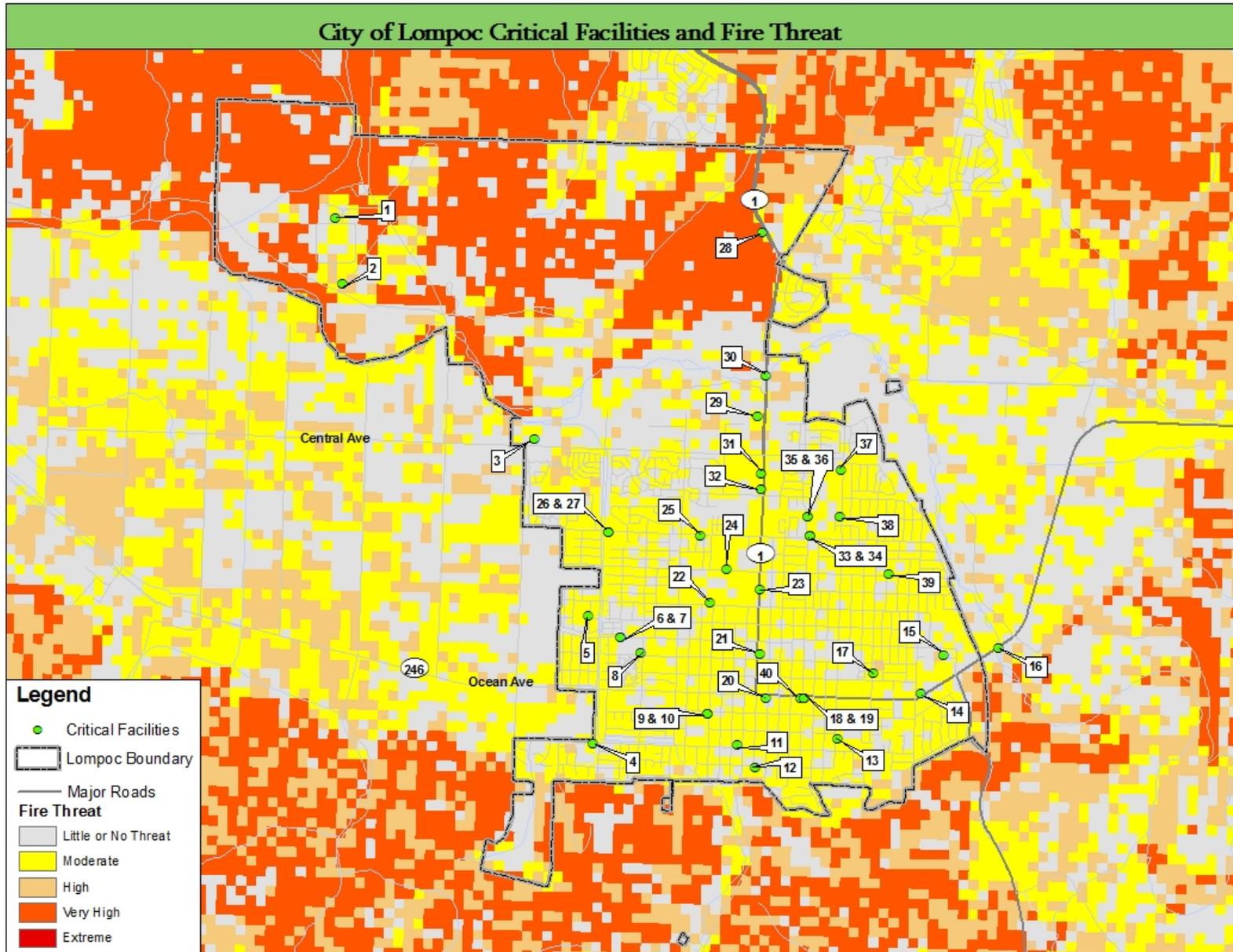
Source: County of Santa Barbara Fire GIS

## City of Lompoc Critical Facilities and Wildland Urban Interface



Source: Wildland Urban Interface (WUI) Fire Threat, Fire and Resource Assessment Program (FRAP) available at <http://frap.cdf.ca.gov/data/frapgisdata/select.asp?theme=5>, 2003

## City of Lompoc Critical Facilities and Fire Threat

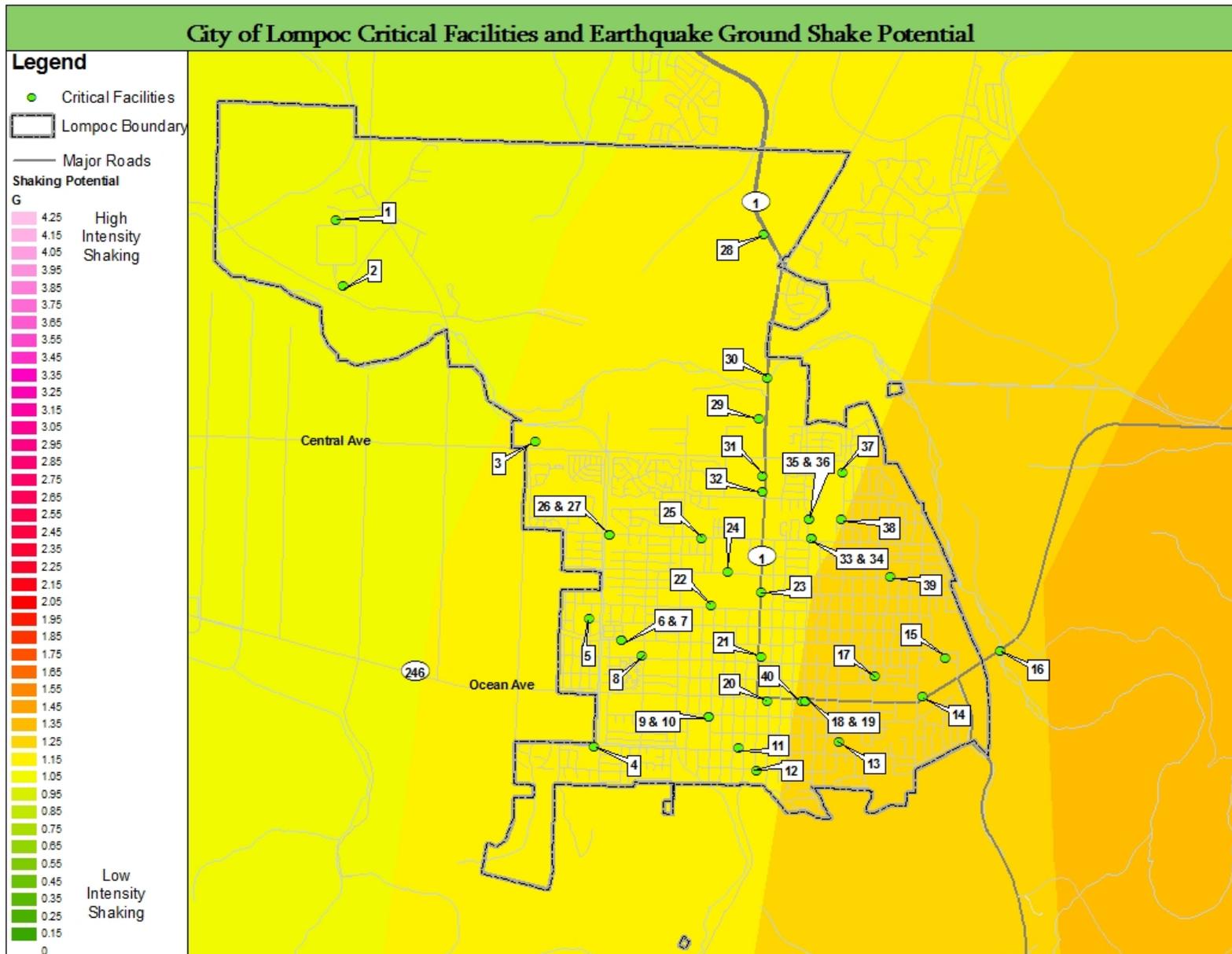


Source: Fire Threat, Fire and Resource Assessment Program (FRAP) available at <http://frap.cdf.ca.gov/data/frapgisdata/select.asp?theme=5>, 2004

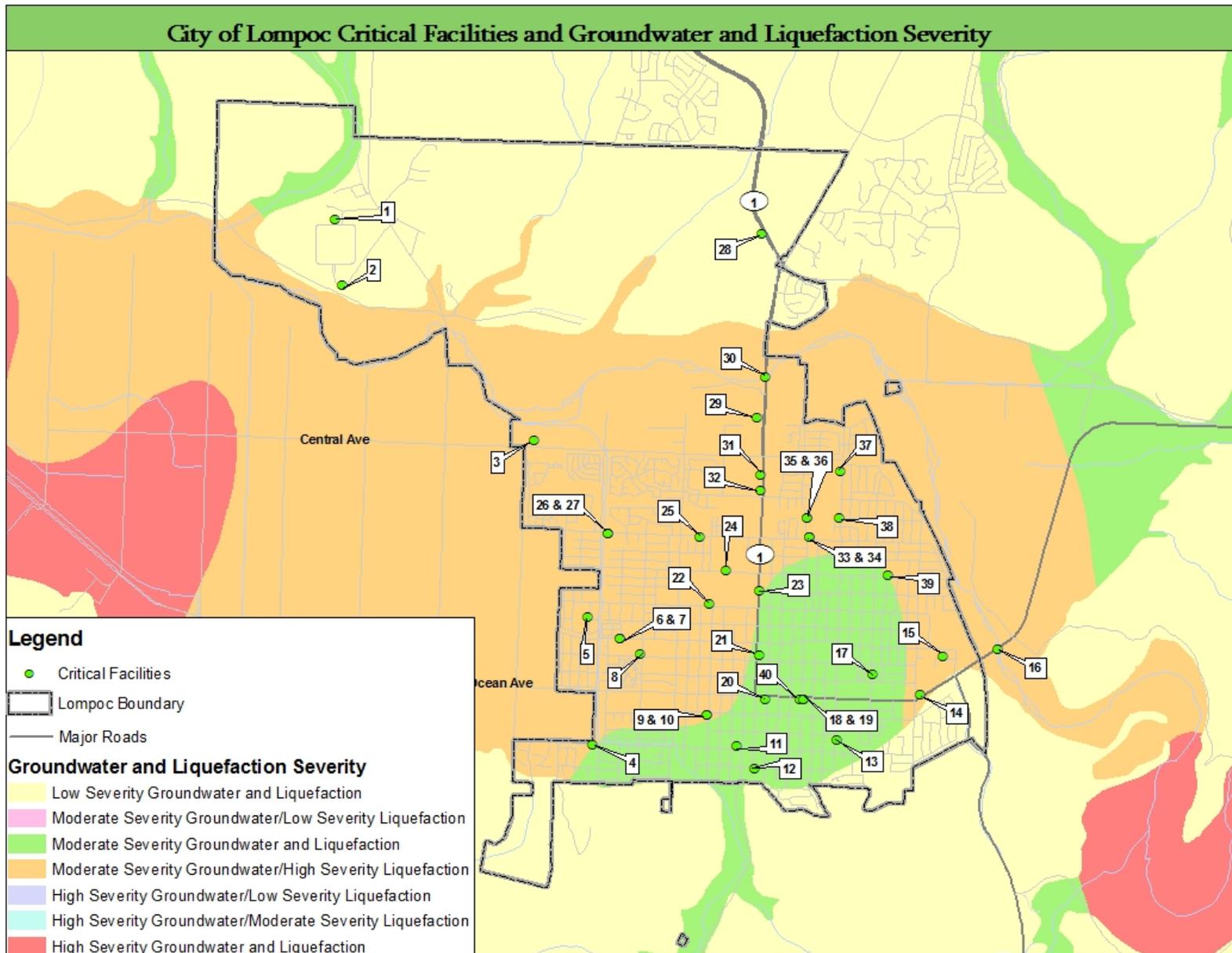
### 13.5.3 Earthquake Vulnerability

Map ID	Critical Facility	Groundwater/Liquefaction Severity	Peak Ground Acceleration
1	Federal Correctional Institution	Low/Low	1.05
2	US Penitentiary	Low/Low	1.05
3	Wastewater Treatment Plant	Moderate/High	1.15
4	Miguelito Elementary	Moderate/High	1.15
5	Clarence Ruth Elementary	Moderate/High	1.15
6	Lompoc City Corporate Yard	Moderate/High	1.15
7	Lompoc City Bus Yard	Moderate/High	1.15
8	SB County Health Care Services	Moderate/High	1.15
9	Lompoc Civic Auditorium	Moderate/High	1.15
10	Lompoc Middle School	Moderate/High	1.15
11	La Purisima Catholic School	Moderate/Moderate	1.15
12	Veterans Memorial Building	Moderate/Moderate	1.15
13	Arthur Hapgood Elementary	Moderate/High	1.25
14	Lompoc District Hospital	Moderate/High	1.25
15	PGE Substation	Moderate/High	1.25
16	Highway 246 Bridge	Moderate/High	1.25
17	Lompoc Convalescent Home	Moderate/Moderate	1.25
18	Lompoc City Jail	Moderate/Moderate	1.25
19	Police Station	Moderate/Moderate	1.25
20	Fire Station No. 1	Moderate/Moderate	1.15
21	El Camino School	Moderate/High	1.15
22	Lompoc High School	Moderate/High	1.15
23	Tap TV	Moderate/High	1.15
24	GTE	Moderate/High	1.15
25	La Canada Elementary	Moderate/High	1.15
26	Lodge of Lompoc	Moderate/High	1.15
27	Lompoc Skilled & Rehab Center	Moderate/High	1.15
28	Allan Hancock College	Low/Low	1.15
29	Lompoc City Airport	Moderate/High	1.15
30	Highway 1 Bridge	Moderate/High	1.15

Map ID	Critical Facility	Groundwater/Liquefaction Severity	Peak Ground Acceleration
31	Lompoc Medi Center	Moderate/High	1.15
32	Sansum Clinic	Moderate/High	1.15
33	Lompoc Library	Moderate/High	1.15
34	Water Treatment Plant	Moderate/High	1.15
35	Fire Station No. 2	Moderate/High	1.15
36	City Electrical Receiving Station	Moderate/High	1.15
37	Lompoc Schools Admin Office	Moderate/High	1.15
38	La Honda Elementary	Moderate/High	1.15
39	Leonora Fillmore Elementary	Moderate/Moderate	1.25
40	Lompoc City Hall	Moderate/Moderate	1.25



Source: Seismic Shaking Hazard, Obtained from California Geological Survey, for more information:  
<http://www.conservation.ca.gov/cgs/rghm/psha/Pages/index.aspx>, 2002.



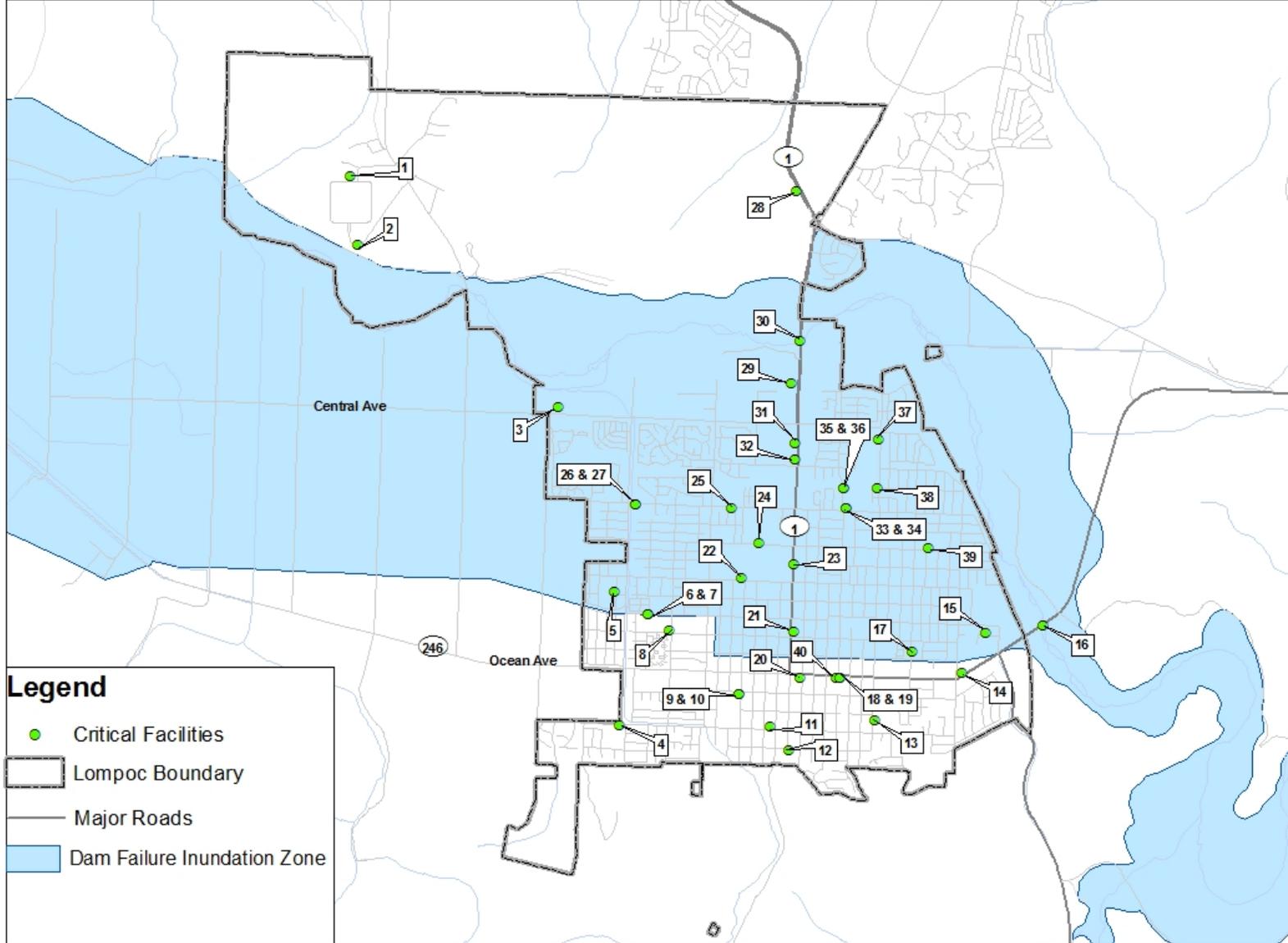
Source: Groundwater Liquefaction, Santa Barbara County GIS, available at <http://www.countyofsb.org/itd/gis/default.aspx?id=2802>, July 15, 2010, originally prepared by Moore and Taber in 1974.

### 13.5.4 Dam Failure Vulnerability

Map ID	Critical Facility	Type	Address	Dam Inundation Zone
1	Federal Correctional Institution	Government	3600 Guard Road	Outside Dam Inundation Zone
2	US Penitentiary	Government	3901 Klein Blvd	Outside Dam Inundation Zone
3	Wastewater Treatment Plant	Government	2501 West Central Ave	Bradbury Inundation Zone
4	Miguelito Elementary	Education	1600 West Olive Ave	Outside Dam Inundation Zone
5	Clarence Ruth Elementary	Education	501 North W Street	Bradbury Inundation Zone
6	Lompoc City Corporate Yard	Government	1300 West Laurel Ave	Outside Dam Inundation Zone
7	Lompoc City Bus Yard	Government	1300 West Laurel Ave	Outside Dam Inundation Zone
8	SB County Health Care Services	Commercial	301 North R Street	Outside Dam Inundation Zone
9	Lompoc Civic Auditorium	Government	203 South L Street	Outside Dam Inundation Zone
10	Lompoc Middle School	Education	203 South L Street	Outside Dam Inundation Zone
11	La Purisima Catholic School	Education	219 West Olive Avenue	Outside Dam Inundation Zone
12	Veterans Memorial Building	Government	100 East Locust Avenue	Outside Dam Inundation Zone
13	Arthur Hapgood Elementary	Education	324 South A Street	Outside Dam Inundation Zone
14	Lompoc District Hospital	Commercial	1515 East Ocean Ave	Outside Dam Inundation Zone
15	PGE Substation	Utilities	1701 Industrial Way	Bradbury Inundation Zone
16	Highway 246 Bridge	Government	2000 East Ocean Ave	Bradbury Inundation Zone
17	Lompoc Convalescent Home	Commercial	216 North Third Street	Bradbury Inundation Zone
18	Lompoc City Jail	Government	107 Civic Center Plaza	Outside Dam Inundation Zone
19	Police Station	Government	107 Civic Center Plaza	Outside Dam Inundation Zone
20	Fire Station No. 1	Government	115 South G Street	Outside Dam Inundation Zone
21	El Camino School	Education	320 North H Street	Bradbury Inundation Zone
22	Lompoc High School	Education	515 West College Ave	Bradbury Inundation Zone
23	Tap TV	Government	700 North H Street	Bradbury Inundation Zone
24	GTE	Utilities	205 West Pine Ave	Bradbury Inundation Zone
25	La Canada Elementary	Education	620 West North Ave	Bradbury Inundation Zone
26	Lodge of Lompoc	Commercial	1420 West North Ave	Bradbury Inundation Zone
27	Lompoc Skilled & Rehab Center	Commercial	1428 West North Ave	Bradbury Inundation Zone
28	Allan Hancock College	Education	1 Hancock Drive	Outside Dam Inundation Zone
29	Lompoc City Airport	Government	1801 North H Street	Bradbury Inundation Zone

Map ID	Critical Facility	Type	Address	Dam Inundation Zone
30	Highway 1 Bridge	Government	1600 North H Street	Bradbury Inundation Zone
31	Lompoc Medi Center	Commercial	1307 North H Street	Bradbury Inundation Zone
32	Sansum Clinic	Commercial	1225 North H Street	Bradbury Inundation Zone
33	Lompoc Library	Government	501 East North Avenue	Bradbury Inundation Zone
34	Water Treatment Plant	Government	501 East North Avenue	Bradbury Inundation Zone
35	Fire Station No. 2	Government	1100 North D Street	Bradbury Inundation Zone
36	City Electrical Receiving Station	Government	1100 North D Street	Bradbury Inundation Zone
37	Lompoc Schools Admin Office	Education	1301 North A Street	Bradbury Inundation Zone
38	La Honda Elementary	Education	1213 North A Street	Bradbury Inundation Zone
39	Leonora Fillmore Elementary	Education	1211 East Pine Avenue	Bradbury Inundation Zone
40	Lompoc City Hall	Government	100 Civic Center Plaza	Outside Dam Inundation Zone

## City of Lompoc Critical Facilities and Dam Failure Inundation Areas



Source: Santa Barbara County Flood Control and Water Conservation District

## 13.6 MITIGATION STRATEGY

### 13.6.1 Mitigation Priorities

After review of the hazard identification and risk assessment and capabilities assessment, the LPT discussed the results of the Hazard identification and Risk Assessments, reviewed mitigation goals and alternatives based on the priority areas and hazard types, discussed community strengths and weaknesses and began developing the mitigation strategy. The following strengths, weaknesses, and priorities were identified.

#### **General Observations — Strengths**

- Several policies exist that have hazard mitigation elements or effects such as development and building code regulations, the Floodplain Ordinance, the Zoning Ordinance, the General Plan, and Housing Element.
- Existing codes will ensure that new development (including tear down and rebuild projects) will be built to modern standards, including the Floodplain Ordinance, which exceeds minimum standards. With the current trend of replacing existing substandard buildings with new ones, through attrition a safer community will be constructed.
- Housing improvement funds and programs exist, furthering the strength of the preceding statement.
- GIS, communication technology and trained staff are all increasing and will strengthen a mitigation program.
- Better mapping of floodplains and other hazard areas are now available.
- The Bradbury Dam has been mapped for inundation.
- Area fault lines and liquefaction zones have been mapped.
- All flooding areas have been mapped.
- All high fire areas have been mapped.
- The Fire Department has a vegetation program whereby all lots are inspected in the spring and property owners are required to cut vegetation by June 1.
- The Fire Department has conducted Community Emergency Response Team (CERT) training for all interested citizens.

#### **General Observations — Weaknesses**

- Because the City of Lompoc is located next to the Santa Ynez River, just downstream of the Bradbury Dam, the City could sustain substantial flooding in the event of a dam failure.
- Mountains with steep terrain that is covered with brush and trees surround Lompoc. During fire season, the City is susceptible to wild fire damage.
- The City of Lompoc is located in Seismic Zone 4, which is the highest potential status for earthquake activity in the state of California.
- Evacuation remains an issue due to the isolation and limited access.
- The City of Lompoc has six unreinforced masonry buildings within the City limits.

#### **General Observations — Priorities**

During the presentation of findings for the hazard identification and risk assessment and capabilities assessment, the LPT provided preliminary input and ideas for mitigation strategies. In addition, the City solidified its goals, which are discussed in more detail below. In formulating goals, the following priorities were identified.

- Top priorities for Lompoc are public safety, public education, and reducing potential economic impacts of disasters.
- Experiences from past disasters should be built upon.
- Outreach and training should be a major component, to include Community Emergency Response Team Training (CERT) and early warning & evacuation plans.
- Create defensible space around high fire areas by strategically managing vegetation to decrease the fuel available for fires adjacent to the structures. This is relatively inexpensive, accomplished quickly and is effective as long as the vegetation is managed.
- The City should develop and maintain a “disaster cache” for storage of emergency supplies.

The City of Lompoc accepts the goals and objectives as determined by the County wide Mitigation Advisory Committee with the incorporation of minor revisions as noted below in red. These goals and objectives represent a vision of long-term hazard reduction or enhancement of capabilities.

<b>Goal 1: Promote disaster-resistant future development.</b>
<i>Objective 1.A: Facilitate the development or updating of the Comprehensive Plan, City General Plans and zoning ordinances to limit (or ensure safe) development in hazard areas.</i>
<i>Objective 1.B: Facilitate the adoption of building codes and development regulations that protect existing assets and require disaster resistant design for new development in hazard areas.</i>
<i>Objective 1.C: Facilitate consistent enforcement of the comprehensive plan, zoning ordinances, and building and fire codes</i>
<i>Objective 1.D: Address identified data limitations regarding the lack of information about new development and build-out potential in high hazard areas.</i>
<i>Objective 1.E: Educate the professional community on design and construction techniques that will minimize damage from the identified hazards</i>
Notes: This goal focuses on the programmatic/policy approaches to reducing risk to future new development. Building codes are updated on a regular basis in California. The MAC agreed the objectives for this goal are ongoing to ensure that the best and most recent building and fire codes are adopted in each of the participating jurisdictions. New building and fire codes were adopted in January 2011.
<b>Goal 2: Build and support capacity and commitment for existing assets, including people, critical facilities/infrastructure, and public facilities, to become less vulnerable to hazards.</b>
<i>Objective 2.A: Increase awareness and knowledge of hazard mitigation principles and practice among local government officials.</i>
<i>Objective 2.B: Provide technical assistance to <b>special districts within the city to implement their mitigation plans.</b></i>
<i>Objective 2.C: Address data limitations identified in Hazard Profiling and Risk Assessment</i>

<i>Objective 2.D: Decrease the vulnerability of public infrastructure including facilities, roadways, and utilities.</i>
<i>Objective 2.E: Protect existing structures with the highest relative vulnerability to the effects of identified hazards through structural mitigation projects.</i>
Notes: This goal focuses on the programmatic and structural approaches to reducing risk to existing development.
<b>Goal 3: Enhance hazard mitigation coordination and communication.</b>
<i>Objective 3.A: Educate the public to increase awareness of hazards, potential impact, and opportunities for mitigation actions.</i>
<i>Objective 3.B: Monitor and publicize the effectiveness of mitigation actions implemented countywide.</i>
<i>Objective 3.C: Participate in initiatives that have mutual hazard mitigation benefits for the County, cities, state, tribal, and federal governments.</i>
<i>Objective 3.D: Encourage other organizations, within the public, private, and non-profit sectors, to incorporate hazard mitigation activities into their existing programs and plans.</i>
<i>Objective 3.E: Continue partnerships between the state, local, and tribal governments to identify, prioritize, and implement mitigation actions.</i>
<i>Objective 3.F: Continuously improve the County's capability and efficiency at administering pre- and post-disaster mitigation programs, including providing technical support to cities and special districts.</i>
<i>Objective 3.G: Support a coordinated permitting activities process and consistent enforcement.</i>
Note: This goal focuses on communication and coordination required for successful mitigation of risk.

### 13.6.2 Mitigation Progress

The City's Local Planning Team reviewed the mitigation actions listed in the 2004 plan to determine the status of each action. This following table includes only the actions that have been completed or were underway as of June 2011.

Ultimately, all of these projects will be completed and are no longer necessary for consideration by the LPT regarding implementation approaches. Mitigation actions identified for future implementation are presented in the following section.

**Table 13-5 Completed and In-Progress Mitigation Actions**

<b>2004 Plan Action #</b>	<b>Mitigation Action Description</b>	<b>Status</b>	<b>Completion Date</b>	<b>Comments</b>
GEN 1	Community Emergency Response Team (CERT) Training	In Progress		Ongoing training, 2-3 courses per year
4WDF	Implement Defensible Space Requirement for New Development	In Progress		
5FLD	Prepare Drainage Study	In Progress		
6FLD	Prepare Drainage Master Plan	In Progress		
7EQ	Unreinforced Masonry Structures in Lompoc	In Progress		
8FLD	Implement the Salsipuedes Canyon Drainage Study	In Progress		

### 13.6.3 Mitigation Approach

**Table 13-6 Mitigation Actions for Future Implementation**

<b>Action #</b>	<b>Mitigation Action Description</b>	<b>Status</b>	<b>Completion Date</b>	<b>Comments</b>	<b>Prioritization</b>
2011 -1	Develop and maintain disaster cache supplies	Deferred GEN 2 from 2004	2013	Seeking Homeland Security Grants	2
2011-2	Disaster Early Warning and Evacuation Plan Earthquake/Dam Failure	Deferred EQ/DAM from 2004	2015		3
2011-3	Santa Ynez River Bank Stabilization	New	2015	The continual progression of Santa Ynez River bank erosion poses potential threats to adjacent residences, properties, and public streets. Additionally, continued bank erosion is anticipated to damage the Riverbend Park bikeway within the next one to two large (10-year recurrence interval) storms. The City is seeking funding to design and construct a bank stabilization project to mitigate these threats.	1



13.6.4 Implementation Plan

<b>Mitigation Action # 2011 – 1</b>		Deferred GEN 2 from 2004
<b>Project Description:</b> Develop and maintain disaster cache supplies		
<b>Applicable Hazards</b>		
<p><b><u>Significant</u></b></p> <p><input checked="" type="checkbox"/> Flooding (including coastal surge)</p> <p><input type="checkbox"/> Wildfire</p> <p><input type="checkbox"/> Agriculture (pests and disease)</p> <p><input checked="" type="checkbox"/> Earthquake</p>	<p><b><u>Moderate</u></b></p> <p><input type="checkbox"/> Landslide / Coastal Erosion</p>	<p><b><u>Limited</u></b></p> <p><input checked="" type="checkbox"/> Dam Failure</p> <p><input type="checkbox"/> Tsunami</p>
<b>Existing and Potential Resources:</b> Seeking Homeland Security Grants		
<b>Responsible Department:</b> Fire		
<b>Target Completion Date:</b> 2013		
<b>Additional Comments / Status Report:</b> Logistical supplies for incident support and EOC staff.		

<b>Mitigation Action # 2011 – 2</b>		Deferred EQ/DAM from 2004
<b>Project Description:</b> Disaster Early Warning and Evacuation Plan Earthquake/Dam Failure		
<b>Applicable Hazards</b>		
<b><u>Significant</u></b>	<b><u>Moderate</u></b>	<b><u>Limited</u></b>
<input checked="" type="checkbox"/> Flooding (including coastal surge) <input checked="" type="checkbox"/> Wildfire <input type="checkbox"/> Agriculture (pests and disease) <input checked="" type="checkbox"/> Earthquake	<input type="checkbox"/> Landslide / Coastal Erosion	<input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> Tsunami
<b>Existing and Potential Resources:</b> Reverse 911 System, OES Emergency Broadcast System, Government owned AM radio station, Social Media Networks systems.		
<b>Responsible Department:</b> Police Department		
<b>Target Completion Date:</b> 2015		
<b>Additional Comments / Status Report:</b> Utilize existing Reverse 911 System and OES Emergency Broadcast System, add a Government owned AM radio station and Social Media Network System.		

<b>Mitigation Action # 2011 – 3</b>		
<b>Project Description:</b> Santa Ynez River Bank Stabilization - The project will construct a Reinforced Vegetative Bank Protection (RVBP) system to provide long-term protection for the more frequent storm events.		
<b>Applicable Hazards</b>		
<u><b>Significant</b></u>  <input checked="" type="checkbox"/> Flooding (including coastal surge) <input type="checkbox"/> Wildfire <input type="checkbox"/> Agriculture (pests and disease) <input type="checkbox"/> Earthquake	<u><b>Moderate</b></u>  <input type="checkbox"/> Landslide / Coastal Erosion	<u><b>Limited</b></u>  <input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> Tsunami
<b>Existing and Potential Resources:</b> Seeking PDM 2012 funding and Disaster Recovery Initiative Funding		
<b>Responsible Department:</b> Public Works		
<b>Target Completion Date:</b> 2015		
<b>Additional Comments / Status Report:</b>  The continual progression of Santa Ynez River bank erosion poses potential threats to adjacent residences, properties, and public streets. Additionally, continued bank erosion is anticipated to damage the Riverbend Park bikeway within the next one to two large (10-year recurrence interval) storms. Potential erosion damage to the bikeway, park facilities, riparian habitat and open space would be a significant loss to both the human and natural communities.		

## 13.7 PLAN MAINTENANCE

The plan will be reviewed annually by the City of Lompoc local planning team to determine the status of mitigation actions and develop a list of revisions for the next update.

The City of Lompoc Office of Emergency Services will be responsible for ensuring that this annex is monitored on an on-going basis. The City will continue to participate in the countywide Mitigation Advisory Committee and attend the annual meeting organized by the County Office of Emergency Management to discuss items to be updated/added in future revisions of this plan.

Major disasters affecting the City of Lompoc's community, legal changes, notices from Santa Barbara County (lead agency for the County-wide Plan), and other significant events may trigger revisions to this plan or a convening of the Local Planning Team. The City of Lompoc local planning team, in collaboration with Santa Barbara County, will determine how often and when the plan should be updated. In order to remain eligible for mitigation grant funding from FEMA, the City is committed to revising the plan at a minimum of every five years.

The City's Emergency Services Coordinator will contact the county four years after this plan is approved to ensure that the county plans to undertake the plan update process. The jurisdictions within Santa Barbara County should continue to work together on updating this multi-jurisdictional plan.

The public will continue to be involved whenever the plan is updated and as appropriate during the monitoring and evaluation process. Prior to adoption of updates, the City will provide the opportunity for the public to comment on the updates. A public notice will be published prior to the meeting to announce the comment period and meeting logistics. Moreover, the City will engage stakeholders in community emergency planning.

### 13.7.1 Point of Contact

Comments or suggestions regarding this plan may be submitted at any time to Robert Kovach, Battalion Chief / Asst. Emergency Services Coordinator. Contact number: 805-736-4513

Contact information: [r\\_kovach@ci.lompoc.ca.us](mailto:r_kovach@ci.lompoc.ca.us)  
115 South "G" Street  
Lompoc, CA. 93436

## **13.8 CITY OF LOMPOC APPENDIX**

### **13.8.1 Lompoc Attachment 1: Meeting Documentation**

This attachment includes documentation of the meetings conducted within Lompoc's Local Planning Team separately from the County Mitigation Advisory Committee.

**Santa Barbara County Operational Area  
2011 Hazard Mitigation Plan Update  
Meeting Log**

**Agenda & Notes**

**City of Lompoc**

**Date: December 2, 2010**

**Time: 10:00 a.m. – 12:30 p.m.**

---

**Attendees:**

Robert Kovach – Battalion Chief / Asst. Emergency Services Coordinator.

Keith Neubert – Principal Planner

Kevin McCune – Assistant Planning Director / City Engineer

Jeff States – Acting Fire Chief

**Discussion Topics:**

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Developed Local Planning Team: All attendees listed above and (not in attendance):  
Stacy Lawson, Senior Environmental Coordinator  
Bruce Taylor, Building Official

Reviewed Hazard Ranking for the City of Lompoc

Reviewed 2004 Mitigation Action List and determined status, follow up needed for several items.

Discussed Critical Facilities, follow up needed.

Reviewed City of Lompoc 2004 plan for updates.

---

**Meeting Outcomes:**

Updated Hazard Ranking for the City of Lompoc.

Contact various departments for status on 2004 Mitigation Action List.

Develop/Locate Critical Facilities list.

Assigned sections of 2004 plan for updating.

### 13.8.2 Lompoc Attachment 2: Outreach Materials

This attachment includes website postings, press releases, and newspaper articles demonstrating the City's efforts to engage public and interested stakeholders in the mitigation planning process.



# CITY OF LOMPOC

## PRESS RELEASE

**FOR IMMEDIATE RELEASE:  
APRIL 4, 2011**

**Department:** Lompoc Fire Department  
**Contact Person:** Robert Kovach, Battalion Chief  
**Telephone Number:** (805) 875-8062  
**Email Address:** r\_kovach@ci.lompoc.ca.us

### Public Survey to Make City and County Safer

The public is encouraged to participate in an online survey as part of the Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan Update. The survey is available at the County Office of Emergency Services website at [www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes) and on the City of Lompoc webpage at [www.cityoflompoc.com](http://www.cityoflompoc.com).

The Santa Barbara County Multi-Jurisdiction Hazard Mitigation Plan is a countywide plan that identifies risks and ways to minimize damage from natural and manmade disasters. The plan is a comprehensive resource document that serves to enhance public awareness, create a decision tool for policy makers, promote compliance with State and Federal program requirements, enhance local policies for risk reduction capabilities, and provide coordination between the cities and the county.

The City of Lompoc is participating in the update. The County Office of Emergency Services is coordinating the plan update through collaboration with the Mitigation Advisory Committee.

We need public input regarding the threats facing our region and actions we can take to reduce the impact of future hazard events.

We have provided an online survey to collect your input on the following kinds of questions:

1. How would you prioritize the hazards facing Santa Barbara County?
2. What actions can we take to reduce future damage?
3. How can local government officials better communicate risk to the public?
4. Is there anything else you would like to see in the plan?

Paper copies of the survey are available at Lompoc City Hall. The deadline for the survey is April 30, 2011.

Your comments will be reviewed by the Mitigation Advisory Committee and incorporated into the final plan as appropriate. A review draft of the complete plan update will be made available for public review. Please indicate in your survey response if you are interested in being contacted regarding this review opportunity.

News media questions may be directed to Richard Abrams, Emergency Manager at the County's Office of Emergency Services, at (805) 560-1081

###



## City participates in online safety survey

**Staff report | Posted: Tuesday, April 5, 2011 11:13 pm**

The public is encouraged to participate in an online survey as part of the Santa Barbara County Multi-Jurisdictional Hazard Mitigation Plan Update.

The survey is available at the county Office of Emergency Services website, [www.countyofsb.org/ceo/](http://www.countyofsb.org/ceo/)

oes and on the city of Lompoc webpage, [www.cityoflompoc.com](http://www.cityoflompoc.com).

The Santa Barbara County Multi-Jurisdiction Hazard Mitigation Plan is a countywide plan that identifies risks and ways to minimize damage from natural and manmade disasters.

The plan is a comprehensive resource document intended to enhance public awareness, create a decision tool for policy makers, promote compliance with state and federal program requirements, enhance local policies for risk reduction capabilities, and provide coordination between the cities and the county.

The city of Lompoc is participating in the update. The County Office of Emergency Services is coordinating the plan update through collaboration with the Mitigation Advisory Committee.

The county needs public input regarding the threats facing the region and actions it can take to reduce the impact of future hazard events.

Paper copies of the survey are available at Lompoc City Hall, 100 Civic Center Plaza. The deadline for the survey is April 30.

Public comments will be reviewed by the Mitigation Advisory Committee and incorporated into the final plan as appropriate. A review draft of the complete plan update will be made available for public review.

Survey participants are asked to indicate whether they wish to be contacted regarding this review opportunity.

Welcome to the City of Lompoc! - Windows Internet Explorer

http://www.cityoflompoc.com

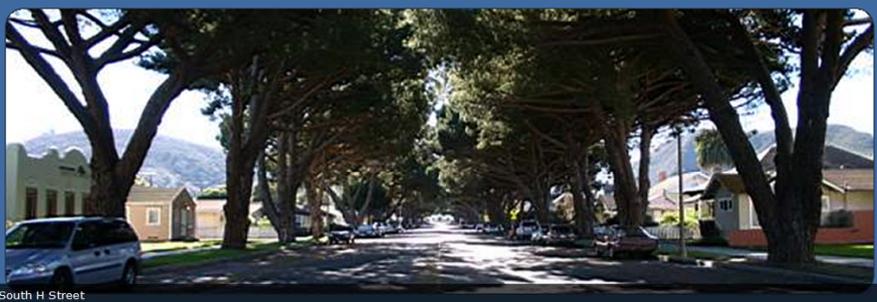
File Edit View Favorites Tools Help

Welcome to the City of Lompoc!

**LOMPOC**  
CALIFORNIA  
CITY OF ARTS & FLOWERS

# City of Lompoc

Home Quick Links Government Departments Information



South H Street

News / Notices / Information

- News
  - o Delta 4-Heavy launch video courtesy of TAP TV
  - o Clayton Folge Instructor High Light
- Notices
  - o Public Survey to Make City and County Safer
    - ENGLISH
    - ESPAÑOL
  - o JOB POSTING: Economic Development Director/Assistant City Administrator
  - o Coit Public Transit Operations Contract - RFP No. 11-T1-01
  - o JOB POSTING: Chamber President/CEO
  - o New Parks and Recreation Fees starting April 4, 2011
  - o Sand Bags at the City Corporate Yard

Fast Find

Google™ Custom Search Search



Internet 125%

## Bartshire, Corinne

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**From:** Kovach, Robert [R\_KOVACH@ci.lompoc.ca.us]  
**Sent:** Wednesday, April 06, 2011 3:19 PM  
**To:** Kovach, Robert; Bartshire, Corinne  
**Cc:** 'rabrams@countyofsb.org'; States, Jeff  
**Subject:** Survey Posting and Newspaper Article

Corinne,

The press release generated an article in our local newspaper, the Lompoc Record on Wednesday, April 6, 2011 on page A3. It is also listed on the newspaper webpage at:

[http://www.lompocrecord.com/news/local/govt-and-politics/article\\_d78e6a78-6015-11e0-93b4-001cc4c03286.html](http://www.lompocrecord.com/news/local/govt-and-politics/article_d78e6a78-6015-11e0-93b4-001cc4c03286.html)

For your information,  
Robert Kovach

---

**From:** Kovach, Robert  
**Sent:** Tuesday, April 05, 2011 10:14 AM  
**To:** 'Bartshire, Corinne'  
**Cc:** 'rabrams@countyofsb.org'; States, Jeff  
**Subject:** Lompoc City LHMP Public Survey

Corinne,

Lompoc now has the survey posted on our city website along with the press release. We will be sending out the press release today to local media. Written copies of the survey are available at our city hall. Attached is a copy of our press release.

<http://www.cityoflompoc.com/>

Robert Kovach  
Battalion Chief  
Lompoc Fire Department  
805-875-8062 office  
805-315-7088 cell

---

**From:** Bartshire, Corinne [mailto:cbartshire@dewberry.com]  
**Sent:** Tuesday, March 29, 2011 10:41 AM  
**To:** Bartshire, Corinne; rabrams@countyofsb.org; Drickar@co.santa-barbara.ca.us; mharris@countyofsb.org; marchb@cityofbuellton.com; Lindar@cityofbuellton.com; kristinm@ci.carpinteria.ca.us; daved@ci.carpinteria.ca.us; vadomaitis@cityofgoleta.org; gnordyke@cityofgoleta.org; cdata@cityofgoleta.org; jackowen@ci.guadalupe.ca.us; rc@ci.guadalupe.ca.us; Kovach, Robert; White, Linual; Ubaldo, Alex; ymcglinchey@santabarbaraca.gov; jjones@ci.santa-maria.ca.us; mvandekamp@ci.santa-maria.ca.us; rdugger@ci.santa-maria.ca.us; maryellenr@cityofsolvang.com; rick.joyner@sbcfire.com; robert.tanner@sbcfire.com; tracy@cosbpw.net; mparker@cosbpw.net; jbeltranena@sbparks.org; tfayram@cosbpw.net; neady@countyofsb.org; pclementi@countyofsb.org; gtingos@co.santa-barbara.ca.us; James.Caesar@ehs.ucsb.edu; Jeri.siegel@calema.ca.gov  
**Cc:** Newman, Janna; Melton, Ginni  
**Subject:** RE 2: Santa Barbara County LHMP Public Survey: Ready for Dissemination

MAC Members,

Several folks asked about a "close date" for the survey. We will close the online survey and ask that all hard copy surveys be returned to you by April 30, 2011. Please add this language to your websites and public notifications as appropriate.

Attached please find the press release issued by County OES noticing the public of the survey opportunity. A word document is attached for you to customize and issue a press release for your community. Please let me know if you have any questions. We have included placeholders so that you may direct folks to your city website if you have linked the online survey there. Otherwise, you are welcome to use the below links as references:

<http://www.countyofsb.org/ceo/oes.aspx?id=376>

OR

[http://www.surveymonkey.com/s/SantaBarbaraCounty\\_LHMP2011\\_English](http://www.surveymonkey.com/s/SantaBarbaraCounty_LHMP2011_English)

[http://www.surveymonkey.com/s/SantaBarbaraCounty\\_LHMP2011\\_Spanish](http://www.surveymonkey.com/s/SantaBarbaraCounty_LHMP2011_Spanish)

**Please send me copies of any press releases, news articles, email distributions and website postings that advertise this survey.**

Of course, let me know if you have any questions.

Thanks!

-Corinne

Corinne Bartshire, AICP, CFM  
Hazard Mitigation Planner  
Dewberry  
1410 Rocky Ridge Road, Suite 305  
Roseville, CA 95661  
[cbartshire@dewberry.com](mailto:cbartshire@dewberry.com)  
415.295.7116 (office) **New Phone Number!**  
805.441.5591 (mobile)  
916-380-3750 (fax)  
[www.dewberry.com](http://www.dewberry.com)

---

**From:** Bartshire, Corinne

**Sent:** Friday, March 25, 2011 10:37 AM

**To:** Bartshire, Corinne; [rabrams@countyofsb.org](mailto:rabrams@countyofsb.org); [Drickar@co.santa-barbara.ca.us](mailto:Drickar@co.santa-barbara.ca.us); [mharris@countyofsb.org](mailto:mharris@countyofsb.org); [marcb@cityofbuellton.com](mailto:marcb@cityofbuellton.com); [Lindar@cityofbuellton.com](mailto:Lindar@cityofbuellton.com); [kristinm@ci.carpinteria.ca.us](mailto:kristinm@ci.carpinteria.ca.us); [daved@ci.carpinteria.ca.us](mailto:daved@ci.carpinteria.ca.us); [vadomaitis@cityofgoleta.org](mailto:vadomaitis@cityofgoleta.org); [gnordyke@cityofgoleta.org](mailto:gnordyke@cityofgoleta.org); [cdata@cityofgoleta.org](mailto:cdata@cityofgoleta.org); [jackowen@ci.guadalupe.ca.us](mailto:jackowen@ci.guadalupe.ca.us); [rc@ci.guadalupe.ca.us](mailto:rc@ci.guadalupe.ca.us); [r\\_kovach@ci.lompoc.ca.us](mailto:r_kovach@ci.lompoc.ca.us); [L\\_white@ci.lompoc.ca.us](mailto:L_white@ci.lompoc.ca.us); [A\\_ubaldo@ci.lompoc.ca.us](mailto:A_ubaldo@ci.lompoc.ca.us); [ymcglinchey@santabarbaraca.gov](mailto:ymcglinchey@santabarbaraca.gov); [jjones@ci.santa-maria.ca.us](mailto:jjones@ci.santa-maria.ca.us); [mvandekamp@ci.santa-maria.ca.us](mailto:mvandekamp@ci.santa-maria.ca.us); [rdugger@ci.santa-maria.ca.us](mailto:rdugger@ci.santa-maria.ca.us); [maryellenr@cityofsolvang.com](mailto:maryellenr@cityofsolvang.com); [rick.joyner@sbcfire.com](mailto:rick.joyner@sbcfire.com); [robert.tanner@sbcfire.com](mailto:robert.tanner@sbcfire.com); [tracy@cosbpw.net](mailto:tracy@cosbpw.net); [mparker@cosbpw.net](mailto:mparker@cosbpw.net); [jbeltranena@sbparks.org](mailto:jbeltranena@sbparks.org); [tfayram@cosbpw.net](mailto:tfayram@cosbpw.net); [neady@countyofsb.org](mailto:neady@countyofsb.org); [pclementi@countyofsb.org](mailto:pclementi@countyofsb.org); [gtingos@co.santa-barbara.ca.us](mailto:gtingos@co.santa-barbara.ca.us); [James.Caesar@ehs.ucsb.edu](mailto:James.Caesar@ehs.ucsb.edu); [Jeri.siegel@calema.ca.gov](mailto:Jeri.siegel@calema.ca.gov)

**Cc:** Newman, Janna; Melton, Ginni

**Subject:** RE: Santa Barbara County LHMP Public Survey: Ready for Dissemination

MAC members,

In addition to the County OES posting on: <http://www.countyofsb.org/ceo/oes.aspx?id=376>

I wanted to share that the City of Buellton has posted the surveys to their city website:

<http://www.cityofbuellton.com/Emergency-Preparedness.asp>

These are both great examples of how you might want to post the surveys on your city or agency websites. I encourage you to spread the word about these surveys to your community via direct emails with links to the websites or surveys (staff members, volunteer organizations, CERT, chamber of commerce, etc).

We are drafting press release for the County and will share it with you all as an example for your jurisdiction as well.

If you have any questions regarding your task for disseminating this information to your community, please let me know.

**Please send me copies of email distributions and notify me of website postings!**

Thanks!

-Corinne

Corinne Bartshire, AICP, CFM  
Hazard Mitigation Planner  
Dewberry  
1410 Rocky Ridge Road, Suite 305  
Roseville, CA 95661  
[cbartshire@dewberry.com](mailto:cbartshire@dewberry.com)  
415.295.7116 (office) **New Phone Number!**  
805.441.5591 (mobile)  
916-380-3750 (fax)  
[www.dewberry.com](http://www.dewberry.com)

---

**From:** Bartshire, Corinne

**Sent:** Monday, March 21, 2011 4:14 PM

**To:** rabrams@countyofsb.org; Drickar@co.santa-barbara.ca.us; mharris@countyofsb.org; marcb@cityofbuellton.com; Lindar@cityofbuellton.com; kristinm@ci.carpinteria.ca.us; daved@ci.carpinteria.ca.us; vadamaitis@cityofgoleta.org; gnordyke@cityofgoleta.org; cdato@cityofgoleta.org; jackowen@ci.guadalupe.ca.us; rc@ci.guadalupe.ca.us; r\_kovach@ci.lompoc.ca.us; l\_white@ci.lompoc.ca.us; A\_ubaldo@ci.lompoc.ca.us; ymcglinchey@santabarbaraca.gov; jjones@ci.santa-maria.ca.us; mvandekamp@ci.santa-maria.ca.us; rdugger@ci.santa-maria.ca.us; maryellenr@cityofsolvang.com; rick.joyner@sbcfire.com; robert.tanner@sbcfire.com; tracy@cosbpw.net; mparker@cosbpw.net; jbeltranena@sbparks.org; tfayram@cosbpw.net; neady@countyofsb.org; pclementi@countyofsb.org; gtingos@co.santa-barbara.ca.us; James.Caesar@ehs.ucsb.edu; Jeri.siegel@calema.ca.gov

**Cc:** 'Jami Childress-Byers'; Ken.worman@calema.ca.gov; Hayes, Juliette; Choquette, Scott; Newman, Janna; Melton, Ginni; Bartshire, Corinne

**Subject:** Santa Barbara County LHMP Public Survey: Ready for Dissemination

Mitigation Advisory Committee members,

Per our discussion at the last MAC meeting (March 2, 2011), we have prepared a public survey in both English and Spanish available online and in printable format. The purpose of this survey is to gather input from residents and workers within Santa Barbara County regarding their perception of hazard risk and what they may or may not be doing about it. It is a requirement of the mitigation planning process to reach out to the public. This is your opportunity, as a participating city, to meet that requirement.

County OES will be posting these survey links on their website and likely issuing a press release. As Members of this committee and participating jurisdictions, **I urge you to distribute these online links to your colleagues, friends, and family that reside or work in Santa Barbara County.**

***I have attached the printable Word documents. If your city or County department would like to print these surveys and make them available at a public counter, you are encouraged to do so. Please change the highlighted portion to include your local point of contact and address where the survey should be returned. Please collect the surveys in your jurisdiction/department and give them to Richard Abrams. When we close the comment period, he can give all of the surveys to me.***

You may use the introductory text in the attached word documents as **email text for distribution** to community participants (CERT, volunteer organizations, Home Owners Associations, etc). I encourage you to email these links to as many individuals in Santa Barbara County as you can. This may include all of the city staff within your jurisdiction.

If you would like support drafting emails, or distributing to email lists, please let me know. Please include me on emails and letters that you distribute so that we may record the outreach effort in the plan.

You are also welcome to post the survey links on your city or department website. Here are the links:

[http://www.surveymonkey.com/s/SantaBarbaraCounty\\_LHMP2011\\_English](http://www.surveymonkey.com/s/SantaBarbaraCounty_LHMP2011_English)

[http://www.surveymonkey.com/s/SantaBarbaraCounty\\_LHMP2011\\_Spanish](http://www.surveymonkey.com/s/SantaBarbaraCounty_LHMP2011_Spanish)

Please do not hesitate to contact me with any questions.

Sincerely,

Corinne

Corinne Bartshire, AICP, CFM

Hazard Mitigation Planner

Dewberry

1410 Rocky Ridge Road, Suite 305

Roseville, CA 95661

[cbartshire@dewberry.com](mailto:cbartshire@dewberry.com)

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805.441.5591 (mobile)

916-380-3750 (fax)

[www.dewberry.com](http://www.dewberry.com)

Visit Dewberry's website at [www.dewberry.com](http://www.dewberry.com)

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# CITY OF **LOMPOC**

## PRESS RELEASE

**FOR IMMEDIATE RELEASE:  
SEPTEMBER 22, 2011**

**Department:** Lompoc Fire Department  
**Contact Person:** Robert Kovach, Battalion Chief  
**Telephone Number:** (805) 875-8062  
**Email Address:** r\_kovach@ci.lompoc.ca.us

### **City Officials Seek Public Input to the Draft Hazard Mitigation Plan**

Is your home or office building susceptible to damage from earthquakes, wildfires, floods, or utility service interruption? Do you want to increase the chances that you can recover from disasters and prevent future damage from these and other natural hazards?

Public review and comment is being solicited for the Review Draft of the Lompoc annex to the Santa Barbara County Local Hazard Mitigation Plan 2011 Update. This annex is currently under review by Cal EMA and FEMA to ensure compliance with the Disaster Mitigation Act of 2000 allowing the City to maintain eligibility to receive federal mitigation grant funding. This plan identifies the primary natural hazards of risk and presents measures to increase resiliency throughout Santa Barbara County.

One project included in the City's annex to the Hazard Mitigation Plan, for which the City is currently seeking funding, is the Santa Ynez River Bank Stabilization Project. This project will stabilize two areas of riverbank in order to protect adjacent residences, properties, public streets and facilities. The Pre-Disaster Mitigation Grant Program to which the City is applying for funds requires the City to be included in a FEMA approved Hazard Mitigation Plan for the City to be eligible. The City intends to obtain FEMA approval of the City's annex to the plan this Fall, in order to submit this project grant application.

A PDF version of the review draft City of Lompoc annex to the Santa Barbara County Local Hazard Mitigation Plan 2011 Update may be downloaded from [www.cityoflompoc.com](http://www.cityoflompoc.com). The Santa Barbara County Local Hazard Mitigation Plan may be viewed at [www.countyofsb.org/ceo/oes](http://www.countyofsb.org/ceo/oes). Public comments are encouraged. Please direct any questions or comments to the County's consultant: Corinne Bartshire at [cbartshire@dewberry.com](mailto:cbartshire@dewberry.com) or 916.380.3776 or Lompoc Battalion Chief Robert Kovach at [r\\_kovach@ci.lompoc.ca.us](mailto:r_kovach@ci.lompoc.ca.us) or 805.875.8062.

Comments received prior to October 10<sup>th</sup> will be considered for incorporation in the plan prior to adoption by the City Council. Comments received after this date will be held for consideration in future updates to this plan.

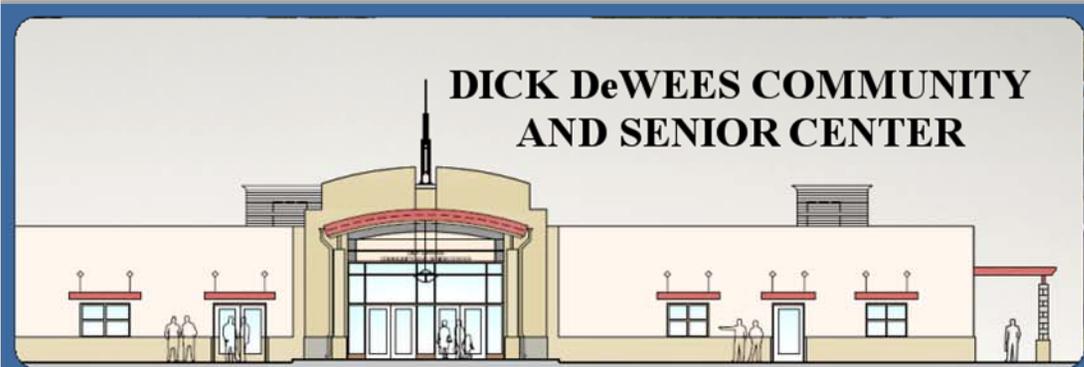
News media questions may be directed to Richard Abrams, Emergency Manager at the County's Office of Emergency Services, at (805) 560-1081.

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# City of Lompoc

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### News / Notices / Information

• News

- Second Quarter Sales Taxes are up 10.7% from a year ago - read the newsletter for more information
- New! City of Lompoc Local Hazard Mitigation Plan Update Available for Public Review & Comment
  - Lompoc LHMP Survey Press Release
  - Lompoc Annex to County Multi-jurisdictional Hazard Mitigation Plan
- Announcing a new City of Lompoc Beautification Award for Homeowners and Local Businesses
- eTRAKIT now provides individual project access for contactors, architects, engineers and owners
- Electronic Plan Review Option For Our Building Applicants
- 2011 Draft CDBG/HOME Action Plan

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### 13.8.3 Lompoc Attachment 3: Exposure Analysis

This table displays the exposure of each of the identified critical facilities to the mapped hazards.

Map ID	Critical Facility	Type	Address	Flood Hazard		Fire Hazard			
				FEMA Flood Zone	Flood Overlay Zone	Fire Severity Zone	WUI Zone	Fire Threat	
1	Federal Correctional Institution	Government	3600 Guard Road	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
2	US Penitentiary	Government	3901 Klein Blvd	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	High	
3	Wastewater Treatment Plant	Government	2501 West Central Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
4	Miguelito Elementary	Education	1600 West Olive Ave	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
5	Clarence Ruth Elementary	Education	501 North W Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
6	Lompoc City Corporate Yard	Government	1300 West Laurel Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
7	Lompoc City Bus Yard	Government	1300 West Laurel Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
8	SB County Health Care Services	Commercial	301 North R Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
9	Lompoc Civic Auditorium	Government	203 South L Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
10	Lompoc Middle School	Education	203 South L Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
11	La Purisima Catholic School	Education	219 West Olive Avenue	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
12	Veterans Memorial Building	Government	100 East Locust Avenue	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
13	Arthur Hapgood Elementary	Education	324 South A Street	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
14	Lompoc District Hospital	Commercial	1515 East Ocean Ave	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
15	PGE Substation	Utilities	1701 Industrial Way	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	High	
16	Highway 246 Bridge	Government	2000 East Ocean Ave	100 Year	Within Flood Overlay Zone	High	Within WUI	Moderate	
17	Lompoc Convalescent Home	Commercial	216 North Third Street	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
18	Lompoc City Jail	Government	107 Civic Center Plaza	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
19	Police Station	Government	107 Civic Center Plaza	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
20	Fire Station No. 1	Government	115 South G Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
21	El Camino School	Education	320 North H Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
22	Lompoc High School	Education	515 West College Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
23	Tap TV	Government	700 North H Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
24	GTE	Utilities	205 West Pine Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
25	La Canada Elementary	Education	620 West North Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
26	Lodge of Lompoc	Commercial	1420 West North Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
27	Lompoc Skilled & Rehab Center	Commercial	1428 West North Ave	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
28	Alan Hancock College	Education	1 Hancock Drive	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Very High	
29	Lompoc City Airport	Government	1801 North H Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
30	Highway 1 Bridge	Government	1600 North H Street	100 Year	Within Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Little or No Threat	
31	Lompoc Medi Center	Commercial	1307 North H Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
32	Sansum Clinic	Commercial	1225 North H Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
33	Lompoc Library	Government	501 East North Avenue	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
34	Water Treatment Plant	Government	501 East North Avenue	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
35	Fire Station No. 2	Government	1100 North D Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
36	City Electrical Receiving Station	Government	1100 North D Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
37	Lompoc Schools Admin Office	Education	1301 North A Street	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
38	La Honda Elementary	Education	1213 North A Street	500 Year	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
39	Leonora Fillmore Elementary	Education	1211 East Pine Avenue	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Within WUI	Moderate	
40	Lompoc City Hall	Government	100 Civic Center Plaza	Outside Floodplain	Outside Flood Overlay Zone	Outside Fire Severity Zone	Outside WUI	Moderate	
	Count of Critical Facilities Impacted			26		2	1	32	33
	% of Critical Facilities Impacted			65%		5%	3%	80%	83%

Map ID	Critical Facility	Type	Address	Dam Inundation Zone	Tsunami Inundation Area	Landslide Incidence	Groundwater/Liquefaction Severity	Peak Ground Acceleration
1	Federal Correctional Institution	Government	3600 Guard Road	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Low/Low	1.05
2	US Penitentiary	Government	3901 Klein Blvd	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Low/Low	1.05
3	Wastewater Treatment Plant	Government	2501 West Central Ave	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
4	Miguelito Elementary	Education	1600 West Olive Ave	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
5	Clarence Ruth Elementary	Education	501 North W Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
6	Lompoc City Corporate Yard	Government	1300 West Laurel Ave	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
7	Lompoc City Bus Yard	Government	1300 West Laurel Ave	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
8	SB County Health Care Services	Commercial	301 North R Street	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
9	Lompoc Civic Auditorium	Government	203 South L Street	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
10	Lompoc Middle School	Education	203 South L Street	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
11	La Purisima Catholic School	Education	219 West Olive Avenue	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.15
12	Veterans Memorial Building	Government	100 East Locust Avenue	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.15
13	Arthur Hapgood Elementary	Education	324 South A Street	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.25
14	Lompoc District Hospital	Commercial	1515 East Ocean Ave	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.25
15	PGE Substation	Utilities	1701 Industrial Way	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.25
16	Highway 246 Bridge	Government	2000 East Ocean Ave	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.25
17	Lompoc Convalescent Home	Commercial	216 North Third Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.25
18	Lompoc City Jail	Government	107 Civic Center Plaza	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.25
19	Police Station	Government	107 Civic Center Plaza	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.25
20	Fire Station No. 1	Government	115 South G Street	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.15
21	El Camino School	Education	320 North H Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
22	Lompoc High School	Education	515 West College Ave	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
23	Tap TV	Government	700 North H Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
24	GTE	Utilities	205 West Pine Ave	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
25	La Canada Elementary	Education	620 West North Ave	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
26	Lodge of Lompoc	Commercial	1420 West North Ave	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
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28	Alan Hancock College	Education	1 Hancock Drive	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Low/Low	1.15
29	Lompoc City Airport	Government	1801 North H Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
30	Highway 1 Bridge	Government	1600 North H Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
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32	Sansum Clinic	Commercial	1225 North H Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
33	Lompoc Library	Government	501 East North Avenue	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
34	Water Treatment Plant	Government	501 East North Avenue	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
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37	Lompoc Schools Admin Office	Education	1301 North A Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
38	La Honda Elementary	Education	1213 North A Street	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/High	1.15
39	Leonora Fillmore Elementary	Education	1211 East Pine Avenue	Bradbury Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.25
40	Lompoc City Hall	Government	100 Civic Center Plaza	Outside Dam Inundation Zone	Outside Tsunami Inundation Area	Low	Moderate/Moderate	1.25
	Count of Critical Facilities Impacted			23	0	0	37	1.17
	% of Critical Facilities Impacted			58%	0%	0%	93%	

#### 13.8.4 References

The City of Lompoc General Plan

[http://www1.cityoflompoc.com/departments/comdev/pdf/General\\_Plan.pdf](http://www1.cityoflompoc.com/departments/comdev/pdf/General_Plan.pdf)

The City of Lompoc Capital Improvement Plan

<http://www.cityoflompoc.com/ManagementServices/finance/15cip/15cip.pdf>

The City of Lompoc Redevelopment Plan

[http://www1.cityoflompoc.com/departments/comdev/pdf/Imp%20Plan\\_2010-2014\\_v10\\_LP.pdf](http://www1.cityoflompoc.com/departments/comdev/pdf/Imp%20Plan_2010-2014_v10_LP.pdf)

The City of Lompoc Emergency Operations

The City of Lompoc Implementation Plan

Zoning and Subdivision Ordinances

The Storm Water Management Program

Building Codes

Floodplain Management Ordinance

Standardized Emergency Management System/ Multi-Hazard Functional Plan