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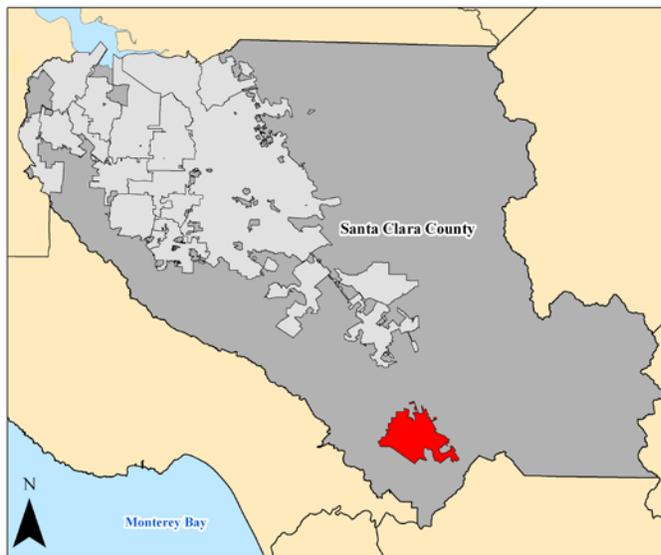
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SECTION 12 CITY OF GILROY ANNEX

12.1 INTRODUCTION

This City of Gilroy Annex serves as an annex to the Santa Clara County Local Hazard Mitigation Plan which is an annex to the 2010 Association of Bay Area Local Hazard Mitigation Plan, *Taming Natural Disasters*. Pursuant to the Disaster Mitigation Act of 2000, the City Council adopted this annex on November 21, 2011.

This annex is an update to the City's annex to the 2005 Association of Bay Area Local Hazard Mitigation Plan, *Taming Natural Disasters*, as adopted on April 18, 2005.



The City of Gilroy is a moderately-sized growing city in south Santa Clara County, California. The population was 52,027 at the time of the 2010 census. The City encompasses 16.182 square miles and is at the confluence of two main highways, U.S. 101, which extends through the City in a north/south route and SR 152, which extends in an east and west direction. Gilroy is located approximately 30 miles south of San Jose, California. Gilroy is a full-service City and employs 226 people in five departments: Police Services, Fire Services, Administration, Community

Development and Community Services. In addition to local police services and fire services, the City also provides emergency medical services.

Gilroy is well known for its garlic crop and for the Gilroy Garlic Festival which occurs annually, featuring various garlicky foods including garlic ice cream. Gilroy Foods processes more garlic than any other factory in the world; most pickled, minced, and powdered garlic come from Gilroy. Gilroy also produces mushrooms in considerable quantity. Gilroy is home to the Gilroy Premium Outlets, a large shopping center consisting entirely of outlet stores.

Transportation

The major highways through Gilroy are U.S. Route 101 and State Route 152. The Santa Clara Valley Transportation Authority provides local buses and express buses to San Jose and Sunnyvale. Caltrain provides weekday rush-hour commuter rail service to the Santa Clara Valley and the San Francisco Peninsula. Amtrak's California's Capitol Corridor line runs a San Jose-Santa Barbara Thruway

Motorcoach connection with a stop in Gilroy. Monterey-Salinas Transit's Line 55, which stops in Gilroy, is a rush-hour San Jose-Monterey express bus that also serves as an Amtrak Thruway Motorcoach connection. San Benito County Express provides inter-county bus service to Hollister and San Juan Bautista.

RESOLUTION NO. 2005-29

A RESOLUTION OF THE CITY OF GILROY ADOPTING THE CITY OF GILROY HAZARD MITIGATION PLAN AND ENDORSING THE ABAG REPORT "TAMING NATURAL DISASTERS," OF WHICH THE GILROY HAZARD MITIGATION PLAN IS CONTAINED WITHIN

WHEREAS, the Bay Area is subject to various earthquake-related hazards such as ground shaking, liquefaction, landsliding, fault surface rupture, and tsunamis;

WHEREAS, the Bay Area is subject to various weather-related hazards including wildfires, floods, and landslides;

WHEREAS, the City of Gilroy recognizes that disasters do not recognize city, county or special district boundaries;

WHEREAS, the City of Gilroy seeks to maintain and enhance both a disaster-resistant community and region by reducing the potential loss of life, property damage, and environmental degradation from natural disasters, while accelerating economic recovery from those disasters;

WHEREAS, the City of Gilroy is committed to increasing the disaster resistance of the infrastructure, health, housing, economy, government services, education, environment, and land use systems in the community, as well as in the Bay Area as a whole;

WHEREAS, the federal Disaster Mitigation Act of 2000 requires all cities, counties, and special districts to have adopted a Local Hazard Mitigation Plan to receive disaster mitigation funding from FEMA;

WHEREAS, ABAG has approved and adopted the ABAG report *Taming Natural Disasters* as the multi-jurisdictional Local Hazard Mitigation Plan for the San Francisco Bay Area;

WHEREAS, pursuant to the California Environmental Quality Act, the City has determined that the Local Hazard Mitigation Plan is Categorically Exempt pursuant to Section 15306, Information Collection;

WHEREAS, the City Council held a duly noticed public hearing on April 18, 2005, at which time the City Council considered the public testimony, the staff report, on all other documentation related to the plan; and

WHEREAS, the location and custodian of the documents or other materials which constitute the record of the proceedings upon which the plan approval is based is the office of the City Clerk.

RESOLUTION NO. 2005-29

-1-

NOW, THEREFORE, BE IT RESOLVED that the City of Gilroy adopts, and adapts with its local annex, this multi-jurisdictional plan as its Local Hazard Mitigation Plan.

NOW, THEREFORE, BE IT FURTHER RESOLVED that the City of Gilroy commits to continuing to take those actions and initiating further actions, as appropriate, as identified in the City of Gilroy Annex of that multi-jurisdictional Local Hazard Mitigation Plan.

PASSED AND ADOPTED this 18th day of April, 2005 by the following vote:

AYES: COUNCILMEMBERS: CORREA, DILLON, MORALES,
VALIQUETTE, VELASCO, and GARTMAN

NOES: COUNCILMEMBERS: NONE

ABSENT: COUNCILMEMBERS: PINHEIRO

APPROVED:

/s/ CRAIG GARTMAN
Craig Gartman, Mayor Protempore

ATTEST:

/s/ RHONDA PELLIN
Rhonda Pellin, City Clerk

I, RHONDA PELLIN, City Clerk of the City of Gilroy, do hereby certify that the attached Resolution No. 2005-29 is an original resolution, or true and correct copy of a city resolution, duly adopted by the Council of the City of Gilroy at a regular meeting of said Council held on the 18th day of April, 2005, at which meeting a quorum was present.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the City of Gilroy this 25th day of April, 2005.


City Clerk of the City of Gilroy

(Seal)

RESOLUTION NO. 2012-01

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GILROY ADOPTING THE CITY OF GILROY HAZARD MITIGATION PLAN, AN ANNEX TO THE SANTA CLARA COUNTY HAZARD MITIGATION PLAN, AND ENDORSING THE ABAG REPORT "TAMING NATURAL DISASTERS," OF WHICH THE GILROY HAZARD MITIGATION PLAN IS CONTAINED WITHIN

WHEREAS, the Bay Area is subject to various earthquake-related hazards such as ground shaking, liquefaction, landsliding, fault surface rupture, and tsunamis; and

WHEREAS, the Bay Area is subject to various weather-related hazards including wildfires, floods, and landslides; and

WHEREAS, the City of Gilroy recognizes that disasters do not recognize city, county, or special district boundaries; and

WHEREAS, the City of Gilroy seeks to maintain and enhance both a disaster-resistant *City* and region by reducing the potential loss of life, property damage, and environmental degradation from natural disasters, while accelerating economic recovery from those disasters; and

WHEREAS, the City of Gilroy is committed to increasing the disaster resistance of the infrastructure, health, housing, economy, government services, education, environment, and land use systems in the community, as well as in the Bay Area as a whole; and

WHEREAS, the federal Disaster Mitigation Act of 2000 requires all cities, counties, and special districts to have adopted a Local Hazard Mitigation Plan to receive disaster mitigation funding from FEMA; and

WHEREAS, ABAG has approved and adopted the ABAG report Taming Natural Disasters as the multi-jurisdictional Local Hazard Mitigation Plan for the San Francisco Bay Area; and

RESOLUTION NO. 2012-01

WHEREAS, pursuant to the California Environmental Quality Act, the City has determined that the Local Hazard Mitigation Plan is Categorically Exempt pursuant to Section 15306, Information Collection.

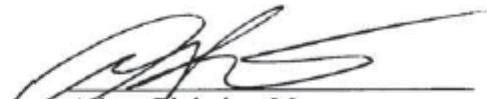
NOW, THEREFORE, BE IT RESOLVED that the City of Gilroy adopts, and adapts with its local annex, this multi-jurisdictional plan as its Local Hazard Mitigation Plan.

AND BE IT FURTHER RESOLVED that the City of Gilroy commits to continuing to take those actions and initiating further actions, as appropriate, as identified in the City of Gilroy Annex to the Santa Clara County Hazard Mitigation Plan which is an annex to the Association of Bay Area Governments Hazard Mitigation Plan.

PASSED AND ADOPTED this 9th day of January, 2012 by the following vote:

AYES:	COUNCILMEMBERS:	ARELLANO, BRACCO, DILLON, LEROE-MUÑOZ, TUCKER, WOODWARD and PINHEIRO
NOES:	COUNCILMEMBERS:	NONE
ABSENT:	COUNCILMEMBERS:	NONE

APPROVED:



Albert Pinheiro, Mayor

ATTEST:



Shawna Freels, City Clerk

12.2 INTERNAL PLANNING PROCESS

The City of Gilroy participated in the regional planning process coordinated by ABAG and the local planning process coordinated by Santa Clara County OES, as noted in Section 3 of this plan.

Roy Shackel, Assistant OES Coordinator, served as the City's representative and lead for completing this annex. Roy participated in Local Planning Team meetings #1, #2, and #3, facilitated the City's public outreach for the online survey, and performed internal reviews and collaboration in order to provide all of the required information for development of this annex.

Contact information: rshackel@ci.gilroy.ca.us, 408.846.0370

The City of Gilroy's internal planning team included the following individuals:

Roy Shackel, Assistant OES Coordinator
Kristi Abrams, Acting Community Development Director
Joe Kline, Public Information Officer

Public Outreach

The City of Gilroy notified residents and businesses of the hazard mitigation planning process by distributing promotional announcements regarding the public opportunity to respond to the online survey discussed in Section 3.2.6. A copy of the survey is included in County Attachment 7: Survey Outreach Materials, found in Section 9.7. The City of Gilroy used the following media to notify the public and interested stakeholders:

- City of Gilroy Website (www.cityofgilroy.org/cityofgilroy/)
- E-Letter to Residents
- Local Government Access Cable Channel 17

Copies of these outreach announcements are included in Section 12.7, Gilroy Attachment 1: Outreach Materials.

Survey Results

On November 1, 2010, the Local Planning Team released an online survey to solicit public input regarding concerns for hazard risk. The Local Planning Team also used this survey to gauge the level of public preparedness for emergencies.

The survey respondents confirmed the priority rankings for the identified hazards indicating that ground shaking caused by earthquakes, infrastructure failure, and wildfire are of most concern. Additionally, a significant number of respondents indicated they have made improvements to their property to reduce risk of damage (refer to Table 12-6). The survey allowed the City an opportunity to expand the list of stakeholders. Several respondents provided contact information and were given an opportunity to review/comment on the complete draft prior to adoption. As the City continues to

increase awareness of hazard mitigation, the suggested stakeholders (item 19 below) will be considered for involvement in future mitigation planning discussions.

The results of the survey provide valuable information for the City of Gilroy as they continue in their preparedness efforts. These responses may be used as a bench mark for future measurements of improvement. For example, the City’s CERT program may choose to focus on educational outreach about the benefits of insurance or emergency preparedness kits. After this type of implementation, a similar survey may be administered to validate the progress and confirm that more residents have improved their preparedness capabilities.

The City of Gilroy will consider the recommendations provided by survey respondents (items 6 and 18 below) throughout the life of this plan and prioritize those that can be implemented efficiently and effectively. The survey responses received from the City of Gilroy residents are summarized below:

1. 16 out of 541 survey respondents were from the City of Gilroy.
2. Respondents were asked which five hazards, out of the 31 hazards the LPT identified, are of most concern to their neighborhood or home. Below are responses from the City of Gilroy (in order of most responses):

Table 12-1: Hazards of Most Concern

Hazard	Number of Responses
Earthquake: Ground Shaking	10
Infrastructure: Water System Disruption (no potable water)	9
Wildfire	9
Infrastructure: Electrical System Disruption (no power)	7
Flood	6
Disease and Outbreak	5
Infrastructure: Telecommunication System Disruption (no phone / cell service)	5
Dam Failure	4
Infrastructure: Wastewater System Disruption (sewer backup)	4
Heat (extreme heat)	3
Wind (high winds)	3
Agricultural Pests and Diseases	2
Delta Levee Failure	2
Drought	2
Earthquake: Landslides	2
Hazardous Materials Spills (chemical/biological)	2
Additional Hazard *	2
Earthquake: Liquefaction	1

Hazard	Number of Responses
Earthquake: Surface Rupture	1
Expansive Soils	1
Infrastructure: Transportation Disruption (blocked roads / failed bridges)	1
Tornado	1
Bay Area Silting	0
Freeze	0
Hailstorm	0
Infrastructure: Energy System Disruption (no gas)	0
Land Subsidence (soil compaction due to subsurface water removal)	0
Landslide and Debris flow	0
Solar Storm	0
Thunder/Lightning Storms	0
Tsunami	0
Volcano	0

* Respondents noted the following additional hazards: pesticides, water contamination, and storm drain backups

3. 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 the City of Gilroy respondents:

Table 12-2: Items Readily Available to Respondents

Item that is Readily Available	Responses
Blanket(s)	15
First Aid Kit	14
Flashlight (with batteries)	13
Canned/Non-perishable Foods (ready to eat)	11
Portable AM/FM Radio (solar powered, hand crank, or batteries)	10
Potable Water (3 gallons per person)	8
Cash	8
Handheld "Walkie-Talkie" Radios (with batteries)	6
Extra Medications	6
What else do you have in your emergency kit? *	4
Important Family Photos/Documentation in a water and fire proof container	3

* Respondents noted the following additional items in their emergency kits: clothing, tools, portable stove, signaling device, firearms, ammunition, CERT gear, personal hygiene items, and rain ponchos.

4. Respondents were asked if they were familiar with the special needs of their neighbors in the event of a disaster situation.

- 14, or **87.5%** of respondents, answered that they **are not** familiar with the special needs of their neighbors.
- 2, or **12.5%** of respondents, answered that they **are** familiar with the special needs of their neighbors.

5. Respondents were asked if they are trained members of their Community Emergency Response Team (CERT).

- 4, or **25%** of respondents indicated that they **are part of CERT**.
- 7, or **43.8%** of respondents, indicated that they are not part of CERT, but **would like to learn more about CERT**.
- 5, or **31.3%** of respondents, indicated that they are not part of CERT and **are not interested** in being a trained CERT member.

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:

- I am in CERT to be part of the solution when a problem occurs
- I don't think training has been offered in Gilroy
- I am part of the Stanford University's SCERT, but have not contacted Gilroy CERT yet.

6. Respondents were asked what the most important thing local government can do to help communities be more prepared for a disaster. The following summarizes the 12 responses received:

- **Provide training and information**
- **Community preparedness meetings**
- **Training/exercises for citizens and staff**
- **Mutual Aid**
- **Community outreach and information in more than one language and not just on the Internet**
- **Maps of hazard locations**
- **Encourage the formation of community action teams**
- **Keep goods and services flowing**
- **Supply residents with an emergency kit**

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

- 11 or **73.3%** of respondents indicated that they **do not** live in an apartment or home with living space above a garage or parking area.
- 4, or **26.7%** of respondents, indicated that they **do** live in an apartment building or home with living space above a garage or parking area.
- One respondent skipped this question.

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”.

8. 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:

Table 12-3: Adequate Homeowners Insurance

Answer	Responses
Yes, my insurance coverage should be adequate	14
No, I don't believe my insurance coverage would be adequate for a major disaster	0
Unsure	1
I do not have an insurance policy	0
Not applicable, I rent my current residence	1

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

Table 12-4: Earthquake Insurance

Answer	Responses
Yes, I own my home and have earthquake insurance.	4
Yes, I rent my home and have earthquake insurance.	0
No, but I am interested in reviewing earthquake insurance options.	3
No, earthquake insurance is too expensive.	8
No, I do not need earthquake insurance.	1

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

Table 12-5: Flood Insurance

Answer	Responses
Yes, I own my home and have flood insurance.	2
Yes, I rent my home and have flood insurance.	0
No, but I am interested in reviewing flood insurance options.	2
No, I do not need flood insurance	12

11. Respondents indicated the following as additional insurance listed for their home or property:

- **Liability**
- **Fire**

12. 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:

Table 12-6: Property Changes to Reduce Future Damage from Hazards

Property Mitigation	Responses
Defensible space landscaping (clear vegetation around house to reduce wildfire risk)	5
Seismic retrofit of the structure and/or foundation	2
Strengthened openings to reduce high hazard wind risk	2
Installed backflow prevention devices	2
Roof retrofit using fire resistant material	2
Other *	2
House elevation or first floor modification to prevent flood damage	1

*The responses to “Other” were: “Seismic bracing of furniture and heavy objects” and “I am a renter, I need to ask the owners.”

13. Respondents were asked if they work in Santa Clara County.

- 14, or **87.5%** of respondents, indicated that they **do** work in Santa Clara County.
- 2, or **12.5%** of respondents, indicated that they **do not** work in Santa Clara County.

14. 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:

Table 12-7: Place of Work in Hazard Areas

Natural Hazard	Response
Earthquake fault zone	7
I don't know	6
High-risk flood zone	4
Wildland urban interface (wildfire risk area)	3
Liquefaction zone	2
Landslide Risk Area	1
Other	0

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

- 8, or **57.1%** of respondents, **indicated that their employer does have a disaster recovery plan in place.**
- 2, or **14.3%** of respondents, **indicated that their employer does not have a disaster recovery plan in place.**
- 4 respondents were unsure if their employer has a disaster recovery plan in place.
- 2 respondents skipped this question.

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

- 8, or **57.1%** of respondents indicated that their **employer does** have a workforce communications plan.
- 2, or **14.3%** of respondents indicated that their **employer does not** have a workforce communications plan.
- 4, or **28.6%** of respondents indicated that they are **unsure** if their employer has a workforce communications plan.
- 2 respondents skipped this question.

17. 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. 6 respondents replied to this question. These answers are summarized below. 10 respondents skipped this question.

- URM, Soft Story buildings (particularly in downtown Gilroy)
- Dam Failure Inundation
- Anderson Dam Structural Problem

18. Respondents were asked what recommendations they have for Santa Clara 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:

- Earthquake preparedness
- Hay bale infrastructure
- Invest in CERT, ARES, and RACES
- Get the community involved (community outreach and training)

19. Respondents were asked to recommend any companies or local associations that should be involved in the Santa Clara County hazard mitigation planning process. The recommended organization is listed below and was given the opportunity to review the draft plan, as noted in the following section.

- American Red Cross

20. 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.

- 4, or **36.4%** of respondents **said they would** like to review and comment on the draft plan.
- 7, or **63.6%** of respondents **said they would not** like to review and comment on the plan draft.
- 5 respondents skipped this question.

Four respondents who said they would like to review and comment on the draft plan included their contact information and were given the opportunity to review the draft plan, as noted in the following section.

21. Respondents were asked to provide any additional comments/suggestions/questions. The responses are summarized below:

- Please share results with us. Thanks.
- Thank you for your effort!

Review Opportunities

Relevant stakeholders including the American Red Cross, the Gilroy Unified School District, Gavilan College, St. Louise Regional Hospital, St. Joseph Family Center, the Chamber of Commerce, and interested residents per the survey responses were notified via email on April 21, 2011 of the opportunity to review the draft plan and submit comments. Website links to the Santa Clara County Hazard Mitigation Plan, ABAG's Taming Natural Hazards regional plan, and the draft annex for the City of Gilroy were provided in the email notification. A copy of this email notification is included in Attachment 1 of this annex.

One comment was received via email in response to reviewing the draft plan. It is presented below and will be considered by the City with regards to feasible opportunities to integrate the noted suggestions.

Submitted Comment:

I've gone through Gilroy's section for the plan and generally think it's complete and that it does a good job of defining the potential threats and strategies for addressing them. It was also quite educational for me personally, especially as a resident of our city. Couple of suggestions occurred to me:

- Perhaps there are mechanisms that are in other parts of the city's management structure that I am not aware of, but would some kind of resident involvement be an added resource for our mitigation efforts? When I was in Marin I remember resident involvement with some of the commissions that helped with planning for brush abatement and other related projects. Having extra support helped with thinly stretched departments.
- Disappointed to see Disaster Preparedness education put on hold for lack of funds. I know that seeking partnerships (and grants) could be a way around this roadblock.

Thanks for the opportunity to review the plan.

Tom Busk

Director of Community Preparedness, Response & Partnerships

American Red Cross Silicon Valley Chapter

12.3 CAPABILITY ASSESSMENT

12.3.1 Mitigation Progress

12.3.1.1 Strategy Rankings

In preparation of the 2005 plan, the City helped ABAG in the development and review of the comprehensive regional list of mitigation strategies. Similarly, the City participated in the revision of the regional strategies for development of this annex. Appendix G of Taming Natural Hazards presents a summary list of mitigation strategies with regional priorities and the hazards mitigated.

The City ranked those strategies in a spreadsheet provided by ABAG using the following scale:

Existing Program

Existing Program, Underfunded

Very High – Unofficial Program – Becomes Official on Plan Adoption, No Funding Needed

High – Actively Looking for Funding

Moderate

Under Study

Not Applicable, Not Appropriate, or Not Cost Effective

Not Yet Considered

Results of this ranking may be viewed online

at <http://www.abag.ca.gov/bayarea/eqmaps/mitigation/strategy.html>. A summary of these rankings is presented in Gilroy Attachment 2: Gilroy Strategies 2010, in Section 12.7.

The countywide Local Planning Team reviewed the priorities as ranked by the participating Santa Clara County jurisdictions to determine the operational area goals and objectives. The City of Gilroy's primary objectives are to reduce risk to flooding and earthquake induced ground shaking. New mitigation actions the City of Gilroy has identified are discussed in Section 12.5.

12.3.1.2 Completed projects

During the past five years, the City maintenance staff cleared Miller Slough of all non-native, flow restricting vegetation. The City also demolished the previous public library that was experiencing roof failure. The construction of the Camino Arroyo Bridge helps improve emergency response time and provides redundant emergency access should a natural disaster create an impediment at the other access point. Enhanced pedestrian safety was provided by the construction of the Chestnut Bridge, preventing pedestrians from traversing a waterway. Tree maintenance has been performed to minimize falling hazards.

The City will be demolishing two city owned unreinforced masonry buildings by the end of calendar year 2011.

Many of the City’s strategies are existing programs that are incorporated into the planning process through the development review, building and fire code enforcement, Emergency Operations Center training, and development of the City’s General Plan. New activities identified as part of this Annex will be incorporated into these existing mechanisms. For example, at their annual retreat in January 2005, the City Council directed staff to develop new programs/regulations requiring mandatory retrofitting for URM buildings. The City Council may consider similar legislation for soft story buildings. Other activities, such as increased public education, Building Occupancy Resumption Programs (similar to the San Francisco Program) will require funds and staff time that has not been identified. The City will be working to identify potential funding sources, including capital improvement budgets, bond issues, federal or state grants, etc.

12.3.1.3 Current or Ongoing Mitigation Projects

The City’s July 2010 Planning Current Project List includes many projects relevant to hazard mitigation such as development of a climate action plan, habitat conservation plan, and updates to the zoning ordinance. The complete list is provided in Gilroy Attachment 3: July 2010 Planning Current Project List, in section 11.7.

12.3.2 Staff and Organizational Capabilities

12.3.2.1 Departmental Responsibilities

The City of Gilroy operates several departments with capabilities for implementing hazard mitigation strategies. These departments and their roles and responsibilities are summarized in the following table.

Table 12-8: Key Departments in the City of Gilroy

Key Departments in the City of Gilroy
Departments
<p>Building, Life and Environmental Safety BLES has two primary sections</p> <p>The Plan Check and Inspection section</p> <ul style="list-style-type: none"> • Provides plan check and inspection services for compliance with local, state and federal law to ensure building safety for the safety of the community. • In addition, this section assists and implements special programs such as the Green Building Program, the URM program, the Downtown Fee Elimination program.

- Code enforcement crosses over to this section as well as Planning, Code Enforcement ensures State and City regulations are followed as those laws pertain to building construction, zoning regulation and public property code enforcement.

The Fire Prevention/Hazardous Materials and Chemical Control Section

- The Fire Prevention Bureau implements both Fire Prevention and Hazardous Materials Programs.
 - Fire Prevention Functions include: acting on behalf of the Fire Chief to carry out the Fire State and Local Fire Codes. This consists of providing development review services for new streets and subdivisions, providing plan check and inspection services for new and modified construction, managing the fireworks and weed the abatement programs, conducting regulatory inspections of new businesses and existing businesses that are required by the code to have a regulatory permit, complaint investigation and code enforcement and providing training, consultation, and technical assistance to the Fire Department.
 - The Hazardous Materials Functions include: Carrying out the regulations contained in the City's Hazardous Materials Ordinance and Fire Codes. Included are implementing the State Health and Safety Codes as a singular program as a CUPA (Certified Unified Program Agency). This includes conducting plan reviews and regulatory inspections for hazardous materials use and storage, hazardous waste generation and treatment, underground storage tanks, aboveground petroleum storage tanks, and sites identified as Extremely Hazardous Materials sites. The Hazardous materials inspectors respond as technical advisors to the Fire and Streets departments for chemical spills.
- The Chemical Control Program implements the Pretreatment Program that is mandated to the SCRWA Plant under its NPDS Discharge Permit. The Pretreatment Program includes the Federal mandates to Publically Owned Treatment Works (POTWs) as well as the SCRWA Industrial Wastewater Discharge Ordinance in order to protect the integrity of the SCRWA Plant. This program provides regulatory services in both Gilroy and Morgan Hill. Plan Check and inspection services are provided for any commercial or industrial building project that can result in non-domestic wastewater. Inspection and sampling is done of the regulated businesses. Annual testing of the SCRWA Plant's influent, effluent and sludge is performed. The program also carries out components of the Storm Water Program, including response and investigation of spills and illegal dumping as well as code enforcement and pollution prevention services.

Engineering

The Engineering Division is responsible for overseeing Engineering Standards, Permitting, design and the on-going improvements within the city right-of-way (i.e. city streets, curb, gutter, sidewalks, parkstrip/landscaping area, and sanitary sewer and storm drain collection systems) as well as the development of Master Plans; the Development Impact Fee Nexus Study; and the

implementation of the Capital Improvement Budget (CIB), a schedule of capital improvement projects. The CIB encompasses the following areas:

- WATER
- SANITARY SEWER
- STORM DRAIN
- TRAFFIC
- PARK FACILITIES
- POLICE FACILITIES
- FIRE FACILITIES
- LIBRARY FACILITIES
- PUBLIC FACILITIES
- SCRWA (Wastewater Treatment Plant)

The Engineering Division is responsible for the oversight of the city water system and wastewater treatment plant, all city-owned traffic signals and streetlights, and special programs such as the Sidewalk Maintenance & 80/20 Replacement Program and Urban Water Management Plan. The Engineering Division also reviews permit applications and provides inspections for all subdivision improvements such as residential developments and commercial and industrial areas.

Planning

The Planning Division of the City of Gilroy reviews all new development for both long range plans and current development. In June 2002 the City Council adopted its 2020 General Plan, the document from which all development decisions are ultimately made. Other responsibilities of the Planning Division include General Plan Implementation, Zoning Ordinance Implementation, Development Review and coordinating with the Planning Commission for public process regarding development within the City of Gilroy.

Finance

- I. General Goals
 - Finance: Provide timely and accurate financial information to City management, City Council and the public, and administer the City's assets in a prudent and responsible manner
 - Utility Billing: Provide friendly and efficient utility billing services to the City's sewer and water customers
 - Information Technology (IT): Provide high quality technology-based services in a cost-effective manner

- II. Functional Areas
 - IT
 - Software , Hardware and Website Maintenance
 - Network Administration
 - Finance
 - Budget
 - Operations Budget

- Capital Improvement Budget
- General Accounting (City and SCRWA)
 - Payroll processing
 - Accounts Payable
 - General ledger City and SCRWA accounting
 - Financial System maintenance
 - Assessment district coordination
 - Financial Statement preparation
- Purchasing
 - RFP and RFQ coordination
 - Purchase order generation
 - City rental oversight
 - Purchasing cards processing
 - General citywide office supply maintenance
- Revenue
 - Utility Billing - Water and Sewer (full-service)
 - Revenue billing and collection
 - Business license coordination
 - General fund revenue tracking
 - Comprehensive fee schedule oversight
 - Assistance with grant administration
 - Disposal and recycling assessment liens
- Treasury
 - Portfolio maintenance
 - Preparation of Investment Reports
 - Updates to Investment Policy
- Other
 - Library Bond Oversight Committee support
 - Debt issuance and administration
 - Coordination of annual financial audit

Fire

Core services include structural firefighting, emergency medical services, wildland firefighting, vehicle extrication fire prevention, public education, hazardous materials response and Emergency Management program oversight.

Fire Prevention

The City of Gilroy Fire Prevention Program enforces the City's Fire Codes. The Fire Code prescribes minimum requirements to provide a level of Life Safety and Building Safety. Fire Prevention activities are carried out by the Fire Marshal and Deputy Fire Marshal. This includes plan review for all new development and construction projects, and permitting and routine inspection of occupancies that have certain operations that require permits under the Fire Code. The Fire Engine

Companies conduct routine inspections of non-permit occupancies in the City of Gilroy.

Emergency Preparedness/Office of Emergency Services (OES)

As a function of the Fire Department, Emergency Preparedness and management services are provided. These include:

- City Emergency Plan development & maintenance
- Emergency Management Organization coordination and training
- Management of the City EOC's (Primary & Alternate)
- Interaction with local, state and federal Emergency Management Agencies
- Membership and active participation in local and statewide Emergency Management organizations

The Fire Chief acts as the OES Coordinator with a line Fire Captain as his assistant.

Police

The City of Gilroy Police Department has 104 staff which consists of 65 sworn officers and 40 professional staff. Staff are deployed in the following areas of the department:

Administration, Anti-Crime Team, Communications 911, Crime Analysis, Detectives, Neighborhood Resource Unit, and the Records Unit.

Department Specialties:

Our department prides ourselves in meeting the needs in Gilroy by providing a Crime Scene Investigation Team, Major Accident Investigation Team, Mounted Unit, Traffic Officer, Bike Patrol Unit, Special Operations Team, and a Hostage Negotiations Team, and a School Resource Officer Program.

With a clear hazard mitigation strategy, as outlined in this Local Hazard Mitigation Plan, the City's departments are able to implement their ongoing policies and programs with consideration of the identified hazard risks. In addition, these departments become aware of priority mitigation actions and can offer resources (financial or staffing) to assist with the implementation of those actions.

12.3.2.2 Technical Capability

For a successful mitigation program, it is necessary to have a diverse breadth of staff and technical capabilities. Planners, engineers, building inspectors, emergency managers, floodplain managers, people familiar with Geographic Information Systems (GIS), and grant writers are all essential to implementing mitigation actions. The following table summarizes the staffing capabilities available within the City of Gilroy.

Table 12-9: Technical Capability Matrix

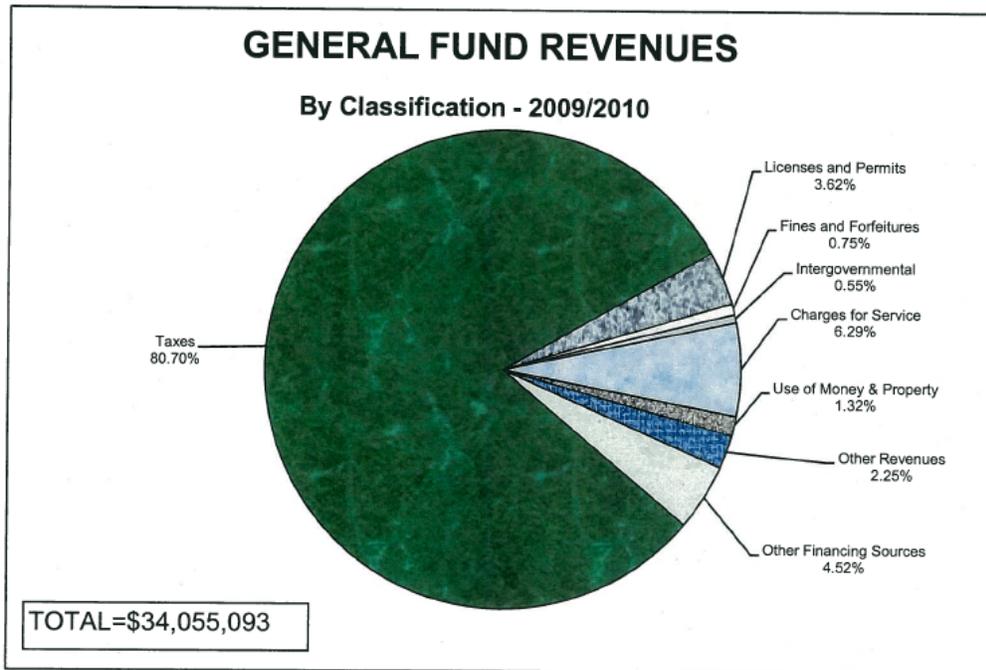
Technical Capability Matrix	
<i>Land Use Planners</i>	Planning
<i>Emergency management</i>	Fire Department
<i>Civil or Building Engineers</i>	Engineering
<i>Floodplain manager</i>	Public Works
<i>Staff knowledgeable about hazards</i>	BLES
<i>GIS staff</i>	Public Works
<i>Grant writers</i>	Not Staffed

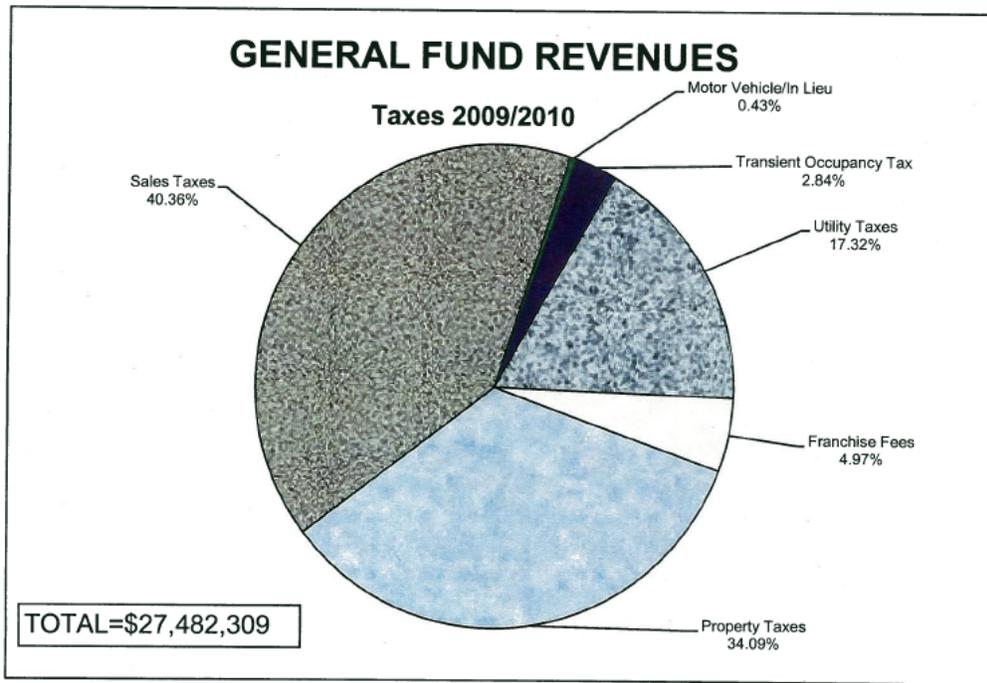
12.3.2.3 Fiscal Capability

The following summarizes Gilroy’s fiscal capabilities in terms of the City’s financial resources and allocated spending.

**CAPITAL IMPROVEMENT BUDGET
EXPENDITURES BY FUND**

FUND NAME	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
200 SIDEWALK REPAIR RESERVE	292,524	292,500	292,500	292,500	292,500	212,812
209-211 GAS TAX 2105,2106,2107	1,756,032	1,029,782	1,028,700	1,075,741	1,048,372	1,069,474
220 PAVEMENT MANAGEMENT	792,891	1,442,544	193,402	0	0	0
254 COMMUNITY BLOCK GRANT	46,945	908,977	200,000	0	0	0
290 COMMUNITY RECREATION	0	0	0	0	21,471	0
200 Subtotal	2,888,392	3,673,803	1,714,602	1,368,241	1,362,343	1,282,086
400 CAPITAL PROJECTS	113,904	274,624	91,404	91,404	91,404	91,404
415 GILROY COMMUNITY LIBRARY	1,116,480	11,130,365	16,314,862	9,041,307	0	0
420 STORM DRAIN DEVELOPMENT	29,053	812	812	812	812	812
432 STREET TREE DEVELOPMENT	5,459	5,459	5,459	5,459	5,459	5,459
433 TRAFFIC IMPACT	6,249,694	113,128	3,532	2,538	2,538	2,538
435 SEWER DEVELOPMENT	2,278,712	1,976,801	7,454,862	1,559,995	13,415,524	23,298,692
436 WATER DEVELOPMENT	521,684	79,338	79,235	86,047	85,887	86,047
440 PUBLIC FACILITIES IMPACT	5,433,915	3,530,684	6,505,054	4,875,536	4,871,338	4,864,997
485 DOWNTOWN STREETSCAPE	235,102	300	300	0	0	0
486 DOWNTOWN IMPROVEMENTS	22,635	305	305	0	0	0
400 Subtotal	16,008,638	17,114,796	30,455,825	15,663,098	18,472,962	28,349,949
600 FLEET SERVICES (0400)	12,009	0	0	0	0	0
600 FLEET REPLACEMENT (0405)	0	55,599	248,399	348,743	696,787	1,200,168
605 EQUIPMENT OUTLAY	92,817	42,983	142,092	745,635	210,383	169,207
651 FACILITY SERVICES (4231)	269,669	4,917	2,251	0	2,388	5,534
690 INFORMATION TECHNOLOGY	102,455	6,360	91,160	503,553	181,578	237,016
600 Subtotal	476,950	109,859	483,902	1,597,931	1,091,136	1,611,925
700 SEWER (SYSTEM)	101,279	7,766	7,980	2,062	0	0
720 WATER (SYSTEM)	1,390,389	466,363	170,388	128,885	122,059	146,865
700 Subtotal	1,491,668	474,129	178,368	130,947	122,059	146,865
GRAND TOTALS	20,865,648	21,369,587	32,832,697	18,760,217	21,048,500	31,390,825





12.3.2.4 Policy or Program Capability

The City of Gilroy has several plans and ordinances in place which provide ample opportunities for implementing the hazard mitigation strategy outlined in this plan.

12.3.2.4.1 Summary of Plans that Support Hazard Mitigation

Emergency Operations Plan

The City of Gilroy's Emergency Operations Plan identifies the City's emergency planning organization and response policies and procedures. The plan also addresses the integration and coordination with other governmental levels when required.

The plan addresses how the City will respond to extraordinary events or disasters from preparation through recovery. A hazard analysis and probability matrix are included in the plan. Hazards identified in this plan include natural hazards such as, earthquake, flood, wildland fire, landslide, and extreme weather/storm, as well as man-made disasters such as, dam failure, hazardous materials incidents, major vehicle accidents, train accidents, airplane crashes, civil disturbances and terrorism. The responsibilities of each department are identified in the matrices, which are based on each identified hazard or threat. The development of departmental Standard Operating Procedures (SOPs) is discussed, including what each department will include in their own SOPs.

The City's response to disasters is based on four phases:

-preparedness: Preparedness activities may include: increasing public information efforts, briefing key City officials, accelerating training efforts, testing warning systems and equipment, conducting precautionary evacuations, and establishing and/or activating staging areas.

-initial and extended response operations: Initial response activities are performed at the field response level. Extended response activities are conducted in the field and in the City's emergency operations center.

-recovery operations: involve the restoration of services to the public and rebuilding affected areas. Recovery activities may be short or long term.

-mitigation operations: occur both before and following disaster events. Eliminating or reducing the impact of hazards that exist within Gilroy and are a threat to life and property are part of the mitigation efforts. Mitigation tools include: a hazard mitigation plan, local ordinances and statutes, structural measures, tax levee or abatements, public information and community relations, and land use planning.

During each phase, specific actions are taken to reduce and/or eliminate the threat of specific disaster situations. The Gilroy Fire Department will determine the phase and initiate the appropriate level of alert level for response agencies, including the activation of the Emergency Operations Center as required.

General Plan

The Gilroy General Plan is a strategic tool for guiding the City's physical development, and, in turn, its economic and social development. It is based on a comprehensive understanding of the issues we face today and the potential issues we may face in the future, as well as a clear sense of what we hope to accomplish. It has been developed with the extensive involvement of community members who have identified key issues; evaluated key challenges and opportunities; and developed goals, strategies and policies to guide the City's future growth and development. Gilroy's General Plan facilitates hazard mitigation in several ways. Following is a brief summary of three General Plan Elements highlighting the capabilities for implementing and supporting hazard mitigation.

Safety Element

Natural and manmade hazards are an important environmental consideration for the General Plan, including: Seismic Hazards. For the past 15 to 20 million years, the system of faults in the coastal portion of central California has had a complex history of seismic movement. The closest and most important faults for Gilroy are the San Andreas, Calaveras, and Sargent faults. These and other faults have posed risks to Gilroy in the past, and will continue to do so in the future, requiring special attention in the siting of new development and design of new buildings.

The Safety Element states that development must be kept out of areas that pose significant natural hazards, and growth must be properly managed to ensure that it does not create new hazards or place undue strain on public safety services. The General Plan identifies areas prone to flooding and areas

of seismic risk, and establishes restrictions for development in these areas. It sets forth policies to address man-made hazards such as noise, and establishes level of service standards to ensure that public safety services are maintained at adequate levels to meet the demands of new growth. The Safety Element identifies risk to flooding, fire, and air quality issues specific to the City of Gilroy.

Risk to Flooding

Large portions of the Gilroy area are subject to flood hazards due to seasonal run-off along Llagas and Uvas Creeks. The problem is particularly acute in the eastern agricultural areas along Llagas Creek and along the southern portion of Uvas Creek. The recurrence of flooding in these areas has contributed to the richness of their soil and their suitability for agricultural uses.

Risk to Fire Hazards

The western hillside areas pose a high fire hazard for the residents who live there, especially along the “urban-wildland interface.” These areas are subject to special development controls to help reduce the potential loss of life and property in the event of a local wildfire.

Risk to Air Quality Issues

Because Gilroy is located at the end of the Santa Clara Valley, prevailing winds tend to carry pollutants from the northern part of the County into the Gilroy area. The problem is particularly acute in the dry summer months.

Land Use Element

Policy 2.08: 20-Year Boundary

The Land Use Plan Map covers the area within the “20-Year Boundary” of the General Plan. This is the area that the City expects to be serviced and developed in urban uses by the year 2020, The Land Use Plan Map, defines the general pattern of future development for the City. It is a graphic expression of the General Plan’s goals and policies pertaining to community design and development as well as to policy areas covered elsewhere in the Plan. It is the single most important policy implementation measure of the General Plan. It is on the Land Use Plan Map, indicating the area of land that could potentially be developed in the next 20 years. Lands within the 20-Year Boundary are those to which the City expects to provide services in the next 20 years. Applications for Urban Service Area expansions will only be accepted for lands within the 20-Year Boundary. The objectives of the 20-Year Boundary are to:

- Direct the location and extent of urbanization in the 20-year term, providing an efficient way to undertake long-term infrastructure planning.

- Minimize public service and infrastructure costs.
- Promote compact development and efficient utilization of land and resources, encouraging investment in existing neighborhoods.
- Protect natural resource areas.
- Discourage development in areas subject to public safety hazards, including flood hazards.

The Land Use Element states that any proposed modification to current development must take into consideration General Plan policies regarding agricultural lands and open space preservation; the efficient provision of urban services; the ability of Gilroy Unified School District to provide school facilities; the role of special districts in providing services; public safety hazards in the expansion area, including flood hazards; traffic impacts; and fiscal impacts on affected agencies.

The Land Use Element encourages land areas subject to natural hazards such as major flooding or soils with a high water table to remain in long-term agricultural production where such use exists (Policy 4.06).

Housing Element

The City of Gilroy focuses on code enforcement as a way of ensuring compliance with basic health and safety building standards and appropriate permits. The City conducts rental housing inspections as possible, and provides public information to landlords and tenants in regard to their rights and responsibilities in relation to building code enforcement.

The City of Gilroy ensures adequate setbacks. Development along Highway 152 is to be set back from the highway to protect views and preserve the roadway's scenic qualities. This is particularly important in light of the potential future designation of Highway 152 as a State Scenic Highway. Setbacks will also be required in areas adjacent to Uvas Creek to protect development from possible flood hazards and to protect views from the proposed extension of Uvas Creek Park Preserve. The setback may need to be more substantial than in other creekside areas due to the potential erosion of the stream bank along this segment of the creek and to ensure an adequate buffer between recreational uses in the park preserve and residential developments.

Planning and Design Guidelines

The General Plan sets forth a number of policies to help guide the physical planning and design of new developments. Many of these relate to natural resource protection (e.g., creeks, habitat areas, etc.) and hazardous areas (e.g., seismic risks, steep slopes, etc.).

The City of Gilroy has established site design guidelines for clustered development. In addition to set back requirements, site design guidelines should promote clustered development; maximize open space preservation; ensure protection of view sheds, natural features, and habitat areas, including Uvas Creek; and keep development away from hazards such as floodways, seismic hazards (e.g.,

fault zones and areas of potential liquefaction), and steep hillsides. The siting and design of clustered developments will be critical to achieving the General Plan's goals— ensuring that cluster densities and designs preserve the semi-rural character, including the preservation of agricultural properties that are large enough to support ongoing agricultural operations.

Water Resources Protection Ordinance

One purpose of Gilroy's Water Resources Protection Ordinance is to reduce the potential for flood damage. In an effort to fulfill this purpose, new development must not increase flooding one-tenth foot in water surface or reduce freeboard below the minimum required. A hydraulic analysis prepared by a licensed civil engineer demonstrating that any flood impact will not be created is required. Buildings are also required to be set back from the toe of any levee by a minimum of twenty feet. To promote bank and slope stability, new roads, parking lots, pools, and structures should be placed outside a slope stability protection area in a location that minimizes impacts to streams, streamside natural resources, flood protection, and local drainage infrastructure. Structures are also not allowed to reduce the active channel or floodplains' conveyance area or redirect flow to another bank and must be designed to convey 100-year design flow. Pump discharges are to be limited during peak flows to minimize potential impacts from flooding

Capital Improvements and Master Plans

Storm Drainage Master Plan

Future Growth

Because of its central location along the US 101 corridor, the population growth with the City continues to rise. From 1980 to 2000, population has grown from 21,600 to 41,500, with an average growth rate of 3.3 percent over the 20 year period. During this period, the annual population growth has ranged between a low of .4 percent in 1995 to a high of 6 percent in 1983. Population projections yield an average annual growth rate over the next 40 years of 1.73 percent. The projections further indicate estimates of 56,407, 65,082, and 82,136 for the years 2010, 2020, and the buildout of the 2002 General Plan, respectively.

Improvements and CIP

The recommended improvement projects discussed in the Storm Drainage Master Plan are needed to mitigate existing system deficiencies and to accommodate future growth. Storm water improvements discussed in this plan include evaluating and expanding the capacity of infrastructure, such as channels and pipe drainage systems, to take into consideration the land use buildout occurring in Gilroy.

The CIP has been prepared to assist the City of Gilroy in planning and constructing storm drainage system improvements. The costs listed in the CIP section of the Storm Drainage Master Plan include those necessary for pipeline improvements, channel improvements, and land acquisition that may be required for some of the recommended projects. The CIP projects are prioritized based on their urgency to mitigate existing deficiencies and for servicing anticipated growth.

Sewer System Master Plan

Future Growth (same as above)

Projected Sewer Flows

Based on the future trends in population, the City's future sewer flows were estimated and summarized (Table 3.3 in this report). In addition to the projected sewer flows, the annual estimates are shown as a percentage of the future water demands. Based on these projections, it is anticipated that the City's average day flow for 2040 will approach 7.7 mgd.

Improvements and CIP

The recommended improvements discussed in this section are needed to mitigate existing system deficiencies. The improvement projects include:

1. Third-Princevalle Subtrunk- Future growth in the western foothills of the City has resulted with a deficiency in the Third-Princevalle Subtrunk. Mitigating this deficiency can be accomplished by replacing the existing 18 and 16 inch pipelines from the intersection of Monterey Street and Luchessa Avenue to the intersection of Princevalle Street and Lexington Place with new 24 and 21 inch pipelines.
2. Fixing deficiencies in the Uvas Park, Old Gilroy Subtrunk, and Joint Morgan Hill-Gilroy Sewer Trunk
3. Constructing the Third Street Diversion
4. Extension projects- The extension projects are new sewers required to serve anticipated development in the northern part of the study area. These projects include the Forest-Murray Subtrunk and the San Ysidro Subtrunk. It is recommended that the proposed extensions be constructed as development occurs north of the existing City limit boundary. These projects are not included in the City's CIP.

The CIP has been prepared to assist the City of Gilroy in planning and constructing sewer system improvements. The costs listed in the CIP section of the Sewer System Master Plan include those necessary for pipeline improvements and land acquisition that may be required for some of the recommended projects. The CIP projects are prioritized based on their urgency to mitigate existing deficiencies and for servicing anticipated growth. The deficiencies in the future system have a significant total capital cost that is best distributed on the order in which the City will develop.

Water System Master Plan

Water Supply Capacity

In determining the adequacy of the water supply facilities, the source must be large enough to meet the varying water demand conditions, as well as provide sufficient water during potential emergencies such as power outages and natural or created disasters. The adequate source of supply for the City will consist of groundwater wells with a combined production capacity that continues to meet the Maximum Daily Demand, in addition to standby well production capacity of 1,805 gallons per minute.

Storage Requirements

The principle function of storage is to provide reserve supply of water for operation equalization, a fire reserve, and emergency needs.

Per Capita Consumption

The per capita consumption rate is used for estimating the City's future water requirements, evaluating the adequacy of the supply source and determining storage needs. The consumption rate, expressed in gallons per day per capita, is applied to the projected population to yield future water requirements.

Projected Water Requirements

The City's future water requirements have been estimated based on the future trends in populations provided by the City.

Improvements and CIP

Gilroy's water system is evaluated on its supply capacity, its distribution, and its storage capacity. Projects designed to improve these processes are recommended based on the system's technical requirements, cost effectiveness, and operational reliability. The goal is to mitigate existing system deficiencies and improve service for future growth. Fire flow capabilities are also evaluated. In this master plan, a fire flow analysis within the commercial areas of downtown Gilroy is outlined and the results as well as suggested improvement projects are detailed. The improvement projects for fire flows in the downtown Gilroy area are not included in the CIP.

The CIP does include projects that will help improve the City's water distribution, supply capacity, and storage capacity. These projects include pipeline improvements, creating new pump stations and reservoirs, and acquiring the land necessary to perform these projects.

Police Master Plan

The FY 2003-2004 CIP set aside funds for a new police facility that would allow for seismic upgrades to the structure of the building, to accommodate new communication and electronic data transfer and storage technology, and to allow for more staff to be hired in the future. The City needs to keep a ratio of 1.5 sworn officers per every 1,000 people. With populations trends growing in Gilroy, an increase in police staff is anticipated so that the department is able to deliver public safety services needed by the City. The new police facility was designed with enough space to meet the staffing demands expected in the year 2017. The facility also has enough space to include an Emergency Operations Center/Training Room, which aids in the City's disaster preparedness capabilities.

Fire Master Plan

Development Trends

The City of Gilroy is separated into east and west divisions by Highway 101. The east side of the freeway is the smaller side where the majority of the business and commercial development has occurred. The west side of the highway is predominantly residential. What commercial development does exist on the west side is predominantly for neighborhood services. The growth that is occurring to the north and to the west is primarily residential. The growth that is occurring to the south and to the east is commercial and industrial.

While these patterns of growth are not unusual, they do impact the configuration and response of the Gilroy Fire Department. Currently, the two Gilroy fire stations and the current "automatic aid agreement" stations are providing a service level that generally meets the response time criteria for a majority of the City. The Department's response time goal is five minutes or less 95% of the time and records demonstrate that the Department was meeting the goal about 91% of the time at the end of the third quarter of 1999.

The City's growth has been systematic and incremental in the last 20 years. Gilroy's general plan presents the projection that further growth and enhancement of the Fire Department will be needed to accommodate these conditions. The fire problem, and therefore the fire risks of the future, will emerge from these growth trends. As growth continues to increase in the patterns described above and in-line with the General Plan, the ability of the Department to achieve this current service level will be more of a challenge and a target for continuous evaluation.

The Department has started a risk analysis of the City. This analysis has identified residential development in "high hazard" and "hillside" areas. To remain consistent with the mandates of the City's General Plan, the Department has proposed changes in the timing and types of capital improvement to service growth in these areas. These high hazard areas and hillside areas are primarily residential areas adjoining wildland areas. Specifically, the Department has identified the

need to purchase two specialized four-wheel drive apparatus capable of responding into and operating in the developed wildland interface areas.

CIP

Funds for new, relocated, or improved fire department facilities are outlined in the City of Gilroy’s CIP. New or relocated fire department facilities may be necessary as growth continues within the city and to make sure that response times are being adequately met.

Economic Development Corporation

The Gilroy Economic Development Corporation (GEDC) is a non-profit corporation designed to stimulate local economy and drive future business and job growth in Gilroy. This corporation has helped facilitate projects that could help mitigate potential hazards. One project that is of high priority to the corporation involves assisting with the Downtown Unreinforced Masonry (URM) Program to find a funding source to retrofit buildings at basic standards to meet URM law. The URM Program is designed to retrofit buildings to minimize their potential of collapsing during an earthquake. A second project that is of medium priority to the corporation is to facilitate the expansion of Saint Louise Regional Hospital emergency department.

GEDC also helps plan future development in Gilroy. If a High Speed Rail is approved for the City of Gilroy, the corporation could help with any site decisions for the rail and could also prepare land use and capital improvement plans detailing the area near the rail station site.

12.3.2.4.2 Summary of Ordinances that Support Hazard Mitigation

Table 12-10: Availability of Ordinances that Support Hazard Mitigation

Availability of Ordinances that Support Hazard Mitigation								
<i>Jurisdiction</i>	<i>Flood Damage Prevention Ordinance</i>	<i>Zoning Ordinance</i>	<i>Subdivision Ordinance</i>	<i>Post-disaster Red/Rec. Ordinance</i>	<i>Building Code</i>	<i>Fire Code</i>	<i>National Flood Insurance Program</i>	<i>NFIP Community Rating System</i>
<i>City of Gilroy</i>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

The City of Gilroy identified several ordinances and policies currently utilized for hazard mitigation in the matrix of regional mitigation strategies prepared by ABAG as part of the 2010 plan update. Below is a summary of these key ordinances and policies.

Ordinance No. 98-17: Floodplain Management Ordinance

The City of Gilroy passed a Floodplain Management Ordinance on September 17, 1998 based on the fact that the City may be subject to periodic flood inundation in flood hazard areas, resulting in the loss of life and property, health and safety hazards, disruption of commerce and governmental services, public expenditures for flood protection and relief, and impairments of the tax base.

The cause of flooding and flood losses are attributed to uses that are inadequately elevated, floodproofed, or protected from flood damage, as well as obstructions in areas of special flood hazards. Therefore, the floodplain ordinance includes methods and provisions to restrict or prohibit uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or flood heights or velocities; require that uses vulnerable to floods be protected against flood damage at the time of initial construction; control the alteration of natural floodplains, stream channels, and natural protective barriers; control filling, grading, dredging, and other development which may increase flood damage; and prevent or regulate the construction of flood barriers which unnaturally divert flood waters or increase flood hazards in other areas.

The floodplain ordinance applies to areas of special flood hazards, as defined by the FEMA Flood Insurance Rate Maps, and ensures that no structure or land will be constructed, converted or altered without compliance to the ordinance. One way in which this ordinance mitigates flooding is by establishing and enforcing a development permit that must be obtained before construction or development begins within an area of special flood hazard. Applications for a development permit must be reviewed by the Floodplain Administrator, a position that has been granted to the City's Director of Community Development. Other provisions for flood hazard reduction that can be found in this ordinance include anchoring of new construction and manufactured homes, building with flood resistant materials and using methods that minimize flood damage, and elevating structures. Standards for utilities, subdivisions, manufactured homes, and recreational vehicles are also included in this ordinance. Stricter provisions apply to construction within a floodway.

Ordinance No. 2007-23: Adopting the 2007 Edition of the CA Fire Code

The Uniform Fire Code is no longer used as the model code in the State of California. Instead, the 2006 edition of the International Fire Code was adopted by the State as the 2007 California Fire Code and as part of the California Building Standards Code. The California Health and Safety Code authorizes a city or county to adopt the regulations in the California Building Standards Code or regulations that may be more stringent than the requirements published in the State Building Standards Code relating to fire and panic safety. Therefore, this ordinance is designed to lawfully adopt the 2007 Edition California Fire Code, including Appendix Chapters 1 and 4, and to designate the code as the Fire Code of the City of Gilroy. Some amendments to the State Fire Code have been made so that the City's Fire Code is consistent with other ordinances within the City and with agencies within Santa Clara County, and are considered necessary because of local climatic, geological/topographical conditions, or to impose more stringent standards for fire and panic safety.

The Fire Code regulates hazardous materials and toxic gases, new construction, and emergency response.

Ordinance No. 2008-01: Reducing the Period Within Which a Discontinued or Abandoned Non-Conforming Use May Request a Reinstatement of Said Non-Conforming Use

A non-conforming use is defined as “a utilization or occupancy of any site lawfully utilized or occupied on the effective date of this Ordinance or amendment to this Ordinance thereto, which is not a permitted use for the district in which it is located [or does not conform to the regulations for the district in which it is located].” This ordinance is designed to discourage non-conforming uses so that all uses in a district conform to the City’s present zoning standards. Therefore, the City of Gilroy reduced the time period within which a discontinued non-conforming use of land or buildings may be reinstated from one year to 120 days, and the use of land or building must conform to the regulations of the district after that time period.

Ordinance No. 2008-08: To Modify, Add, And Amend Sections 3402 and 3403 Regarding Repair of Damaged Structures

The City of Gilroy is located in an area of high seismic activities, as indicated by the United States Geological Survey and California Division of Mines and Geology. Recent earthquake activities have indicated the lack of adequate design and detailing flexibility of materials and or building systems are contributing factors to damages that reduce the protection of the life safety of building occupants. The amendments contained in this Ordinance will assist the property owners and the City of Gilroy in the repair and reconstruction of damaged building in the community to their pre-existing condition and more importantly will reduce the likelihood of future structural damages. The damaged buildings will receive an evaluation to establish whether the damaged building, if repaired to its pre-damaged state, would comply with the provisions of the current building code. Particularly, if the damage is created by wind and/or seismic forces, the reconstruction of the building is evaluated based on the sections of the Building Code that include wind and seismic design.

Water Resources Protection Ordinance

One purpose of Gilroy’s Water Resources Protection Ordinance is to reduce the potential for flood damage. In an effort to fulfill this purpose, new development must not increase flooding one-tenth foot in water surface or reduce freeboard below the minimum required. A hydraulic analysis prepared by a licensed civil engineer demonstrating that any flood impact will not be created is required. Buildings are also required to be set back from the toe of any levee by a minimum of twenty feet. To promote bank and slope stability, new roads, parking lots, pools, and structures should be placed outside a slope stability protection area in a location that minimizes impacts to streams, streamside natural resources, flood protection, and local drainage infrastructure. Structures are also not allowed to reduce the active channel or floodplains’ conveyance area or redirect flow to

another bank and must be designed to convey 100-year design flow. Pump discharges are to be limited during peak flows to minimize potential impacts from flooding.

12.3.3 National Flood Insurance Program

For decades, the national response to flood disasters was simply to provide disaster relief to flood victims. Funded by citizen tax dollars, this approach failed to reduce losses and didn't provide a way to cover the damage costs of all flood victims. To compound the problem, the public generally couldn't buy flood coverage from insurance companies, because private insurance companies consider floods too costly to insure. In the face of mounting flood losses and escalating costs of disaster relief to U.S. taxpayers, Congress established the National Flood Insurance Program (NFIP). The goals of the program are to reduce future flood damage through floodplain management, and to provide people with flood insurance. Community participation in the NFIP is voluntary.

The City of Gilroy has participated in the National Flood Insurance Program since 1974. All residents of the City are eligible to purchase federal flood insurance. The City continues to maintain full compliance with the NFIP.

The City of Gilroy stays in compliance with the NFIP by maintaining the flood maps (FIRM maps) and then using the flood maps to provide flood zone information to the residents. The city also distributes updated elevation certificates to the residents as requested.

12.3.3.1 Community Rating System (CRS)

The CRS is a voluntary part of the National Flood Insurance Program that seeks to coordinate all flood-related activities, reduce flood losses, facilitate accurate insurance rating, and promote public awareness of flood insurance by creating incentives for a community to go beyond minimum floodplain management requirements. The incentives are in the form of insurance premium discounts. CRS ratings are on a 10-point scale (from 10 to 1, with 1 being the best rating), with residents of the community who live within FEMA's Special Flood Hazard Areas (SFHA) receiving a 5% reduction in flood insurance rates for every Class improvement in the community's CRS rating.

The City of Gilroy joined the Community Rating System in May 2007 and has a current class rating of 8. Properties within FEMA's Special Flood Hazard Areas in Gilroy receive a 10% reduction in flood insurance rates. Properties outside the SFHA within Gilroy receive a 5% discount in flood insurance rates.

All insurance rates are based on where the structure is located in FEMA's Flood Insurance Rate Maps (FIRMs). The most recent Digital FIRMs were adopted by the City on May 18, 2009.

12.3.3.2 Repetitive Loss Properties

The Federal Emergency Management Agency (FEMA) insures properties against flooding losses in the Bay Area through the [National Flood Insurance Program](#).

As part of the process to reduce or eliminate repetitive flooding to structures across the United States, FEMA has developed an official Repetitive Loss Strategy. The purpose behind the national strategy is to identify, catalog, and propose mitigation measures to reduce flood losses to the relatively few number of structures that absorb the majority of the premium dollars from the national flood insurance fund.

A repetitive loss property is defined by FEMA as “a property for which two or more National Flood Insurance Program losses of at least \$1,000 each have been paid within any 10-year period since 1978.”

The City of Gilroy has no repetitive loss properties.

Source: <http://quake.abag.ca.gov/mitigation/floodloss/>

12.3.4 Resource List:

Documents used in the assembly of this Capability Assessment include: City website, Budget Schedules - Total Expenses Chart, Fund Analysis and Utilities Analysis, Capital Improvements Budget, Emergency Operations Plan, General Plan, Water Resources Protection Ordinance, City of Gilroy Master Plans, ABAG Mitigation Strategies list.

12.4 VULNERABILITY ASSESSMENT

12.4.1 Critical Facilities

The City of Gilroy did not specifically identify critical facilities in the 2005 annex. During the development of this 2010 annex, the City identified 78 critical facilities. A summary listing of these facilities is shown in Table 12-11.

Table 12-11: City of Gilroy Critical Facilities

Facility Name	Address	Critical Function
BOOSTER PUMP #1	1753 RANCHO HILLS CT	utility
MUSEUM	195 FIFTH STREET	cultural value
BOOSTER PUMP #2	2116 MANTELLI DRIVE	utility
BOOSTER PUMP #3	2145 COUNTRY DRIVE	utility
RESERVOIR	2256 PERIWINKLE DRIV	utility
WHEELER AUDITORIUM	250 WEST SIXTH ST	Assembly
GOLF COURSE/MAINT.	2695 HECKER PASS HWY	Assembly
GOLF/CART/STGE	2695 HECKER PASS HWY	Assembly
GOLF/CLUB OFFICE	2695 HECKER PASS HWY	Assembly
GOLF/CLUB HOUSE	2695 HECKER PASS HWY	Assembly
GOLF COURSE/RENTA	2695 HECKER PASS HWY	Assembly
GOLF COURSE/CART	2695 HECKER PASS HWY	Assembly
Las Animas Prk Oaks Restroom	400 MANTELLI DRIVE	Assembly
Las Animas Equip. BLDG	400 MANTELLI DRIVE	Assembly
Las animas Main Rec Bldg	400 MANTELLI DRIVE	Assembly
Las Animas Rec Area Restroom	400 MANTELLI DRIVE	Assembly
CONCESSION STAND	400 MANTELLI DRIVE	Assembly
Las Animas Sml Rec. Bldg	400 MANTELLI DRIVE	Assembly
Corp Yard Water Wkshp/Storage	613 OLD GILROY ST	Storage - Assembly
Corp Yrd Storage/Wkshops	613 OLD GILROY ST	Wkshops - Assembly
Corp Yrd Fleet Maintenance	613 OLD GILROY ST	Assembly
New Corp Yard Admin	613 OLD GILROY ST	Emergency Operations center
WELL #2	660 FIRST STREET	utility
WELL #4	695 9TH STREET	utility

Facility Name	Address	Critical Function
WELL #8	701 GILMAN ROAD	utility
WELL #8A	701 GILMAN ROAD	utility
RANCH HOUSE/STGE	7049 MILLER AVENUE	Assembly
Ranch Site Park TEEC Bldg	7049 MILLER AVENUE	Assembly
RANCH/TRL/OFFICE	7049 MILLER AVENUE	Assembly
RANCH BARN	7049 MILLER AVENUE	Assembly
Christmas Hill Park Mulberry Restroom Old	7050 MILLER AVENUE	Assembly
Christmas Hill Park Mulberry Restroom New	7050 MILLER AVENUE	Assembly
Christmas Hill Park Snack Bar	7050 MILLER AVENUE	Assembly
Christmas Hill ParkAmpitheater Restroom	7050 MILLER AVENUE	Assembly
Christmas Hill Park Maintenance Bldg	7050 MILLER AVENUE	Assembly
FIRE STATION (Chestnut)	7070 CHESTNUT ST	first response/dispatch
TRAIN DEPOT	7170 MONTEREY ST.	Assembly
NEW CITY HALL	7351 ROSANNA ST.	first response/dispatch
CITY HALL ANNEX	7370 ROSANNA STREET	emergency operations center
SENIOR CENTER - Shelter	7371 HANNA STREET	emergency shelter
OLD CITY HALL - Historic	7400 MONTEREY STREET	historic structure
YOUTH CENTR GYM - Shelter	7400 RAILROAD STREET	emergency shelter
YOUTH CENTR RECR - Shelter	7400 RAILROAD STREET	emergency shelter
YOUTH CENTR OFFICE	7400 RAILROAD STREET	Assembly
San Ysidro Park Bldg/Restrooms	7700 MURRAY AVE	Assembly
WELL #1	7782 MONTEREY STREET	utility
WELL #7	7810 ARROYO CIRCLE	utility
WELL #5	8295 MURRAY & LEAVESLEY	utility
FIRE STATION (Las Animas)	8383 WREN AVENUE	first response/dispatch
WELL #6	8552 BREM LANE	utility
Del Rey Park	9001 Calle Del Rey	Assembly
BOOSTER STN #5	CLUB DR & DORNOCH CT	utility
Forest St. Park Bldg	7321 Forest Street	Assembly

Facility Name	Address	Critical Function
El Roble Park	7550Wren Ave.	Assembly
FIRE STATION (Sunrise)	880 Sunrise Dr.	first response/dispatch
Ascencion Solorsano Gym	7121 Grenache Way	Assembly
ADMINISTRATION BLDG	1500 SOUTHSIDE DRIVE	Assembly
HEADWORKS FACILITY	1500 SOUTHSIDE DRIVE	utility
E ELECTRICAL BLDG	1500 SOUTHSIDE DRIVE	utility
SOLIDS PROC BLDG	1500 SOUTHSIDE DRIVE	utility
CHEM STOR & FEED	1500 SOUTHSIDE DRIVE	utility
W ELECTRICAL BLDG	1500 SOUTHSIDE DRIVE	utility
SEPTAGE DISP FAC	1500 SOUTHSIDE DRIVE	utility
OXIDATION DITCHES (2)	1500 SOUTHSIDE DRIVE	utility
SECOND CLARIF (2)	1500 SOUTHSIDE DRIVE	utility
HDWORKS ODOR SCR	1500 SOUTHSIDE DRIVE	utility
RAS PUMP STATION	1500 SOUTHSIDE DRIVE	utility
SOLIDS BLD ODOR SCR	1500 SOUTHSIDE DRIVE	utility
PLANT DRAIN PUMP ST	1500 SOUTHSIDE DRIVE	utility
EFFL PUMP STATION	1500 SOUTHSIDE DRIVE	utility
TERT FILTERS (2) & FAC	1500 SOUTHSIDE DRIVE	utility
BACKWASH BASIN	1500 SOUTHSIDE DRIVE	utility
BKWSH & FILTER PMP S	1500 SOUTHSIDE DRIVE	utility
CHLORINE CONT BASIN	1500 SOUTHSIDE DRIVE	utility
GAVILAN COL PMP S	5055 SANTA TERESA BL	utility
REC WTR BSTR PS	7049 MILLER AVENUE	utility
REC WTR RESERVOIR	2770 HOYLAKE CT.	utility
POLICE HEADQUARTERS	7301 HANNA ST.	first response/dispatch

This list of critical facilities is more recent than the listing delivered to ABAG during the regional planning process. Thus, the data available in ABAG’s online database regarding critical facilities may be inaccurate. This critical facilities list and the available information for them is available digitally in an excel spreadsheet from the City. A complete printing of the critical facilities data is included in Gilroy Attachment 4: Gilroy Exposure Analysis.

12.4.2 Exposure Analysis

Exposure analyses are used to quantify assets which are “exposed” to risk. This is the first step towards understanding the complete value of assets at risk to identified hazards. This section includes an exposure analysis (discussion of assets at risk) for the profiled hazards in Section 4.

Overlay analyses (using GIS) were conducted for the mappable hazards such as wildfire, flood, and the earthquake related hazards. These analyses compare the location of the critical facilities with the mapped hazard area (i.e. floodplains, wildfire threat zones, shaking potential areas, etc.) and result in a listing of which facilities are at most risk to which hazard. Not all hazards are mappable and some hazards, such as drought, are equally likely throughout the entire County. For these hazards, a general exposure summary is presented in Section 12.4.2.1.

12.4.2.1 General Exposure

ABAG’s website (<http://quake.abag.ca.gov/mitigation/landuse/>) presents the results of the regional exposure analysis through a searchable online database. Users can view the summaries of land use and infrastructure exposed to the mappable hazards. This section presents the general summary of landuse and infrastructure in the City of Gilroy. These should be considered at risk to the hazards of equal likelihood throughout the entire County geography (i.e. drought, extreme heat, thunderstorm, etc).

JURISDICTION: Gilroy
 COUNTY: Santa Clara
 HAZARD: Land Use
 BASIS: Existing Land Use, 2005 using 2009 hazard mapping

	<u>Total Acres</u>
TOTAL RESIDENTIAL LAND [excluding mixed use]:	2,185
1 unit/1-5 acre lot (Rural Residential)	190
1-3 units/acre	162
3-8 units/acre	1,482
>8 units/acre	352
Mobile Home Parks	0
TOTAL MIXED RESIDENTIAL/COMMERCIAL:	0
Within a Land Area	0
Within a Building	0
Mixture of Above or Unknown	0
TOTAL MIXED COMMERCIAL/INDUSTRIAL:	1
TOTAL INDUSTRIAL [excluding mixed]:	480
Light Industrial	69
Heavy Industrial	26
Salvage/Recycling, Mixture or Unknown	296
Food Processing, Warehousing	89

TOTAL MAJOR INFRASTRUCTURE:	1,526
Roads, Highway and Related Facilities	1,429
Rail Stations, Yards and Related Facilities	44
Airports	0
Ports	0
Power Facilities	0
Municipal Wastewater Facilities	44
Municipal Water Supply Facilities	0
Communication Facilities	9
Infrastructure--Other, Unknown	0
TOTAL MILITARY:	0
Military Residential	0
Military Hospital	0
Military Communications	0
Military Airport or Port	0
General Military	0
Open Military Lands	0
Closed Military Facilities	0
TOTAL COMMERCIAL/SERVICES [excluding mixed]:	737
Subtotal-Commercial:	451
Retail/Wholesale	362
Research/Office	44
Comm. Outdoor Recreation	7
Other, Mixture or Unknown	38
Subtotal-Education:	218
Educational Offices and Day Care	0
Elementary/Secondary	215
Colleges/Universities	2
Stadium Facilities	0
University Housing	0
Day Care Facilities	1
Subtotal-Hospitals and Health Care	38
Trauma Center Hospitals	0
Community or Local Hospitals	38
Surgery Centers	0
State Prisons	0
State Mental Health Facilities	0
Clinics and Long-Term Care	0
Subtotal-Public Institutions:	29

Convention Centers	0
Sports Stadiums	0
Churches/Synagogues/Other	25
City Halls/County Administration	0
Local Jails	0
Local Police/Fire/Emergency	4
Other-Comm. Centers/Libraries	0
TOTAL URBAN OPEN:	750
Golf Courses	270
Racetracks	0
Campgrounds and Other	9
Cemeteries	26
Parks	156
Vacant--Cleared for Redevelopment	0
Vacant--Undeveloped	259
Mixed Urban Open, Including Parks	31
TOTAL AGRICULTURE:	1,432
Cropland and Pasture	289
Orchards/Groves/Vineyards	1,141
Greenhouses	0
Confined Feeding	0
Farmsteads and Inactive	2
TOTAL RANGELAND:	1,327
Herbaceous Range	1,090
Shrub and Brush	149
Mixed Range	88
TOTAL WETLANDS [Based on USGS Mapping]:	0
Forested	0
Non-Forested	0
Salt Evaporators	0
Wetlands--Unknown	0
TOTAL FOREST LAND:	1,196
Deciduous	305
Evergreen	134
Mixed Forest	757
TOTAL SPARSELY VEGETATED:	28

Beaches	0
Other Sand	0
Bare Rock	13
Mines/Quarries	15
Transitional--Landfills	0
Transitional--Other	0
Transitional--Mixture	0
Mixed Sparsely Vegetated	0
	=====
	<u>Total Acres</u>
TOTAL URBAN LAND:	5,680
TOTAL NON-URBAN LAND:	3,983
GRAND TOTAL:	9,663

Source: Association of Bay Area Governments, 2009.

Note: Because of independent rounding, subcategories may not add to totals.

JURISDICTION: Gilroy
 COUNTY: Santa Clara
 HAZARD: Land Use
 BASIS: Existing Infrastructure, 2009

	<u>Total Miles</u>
ROADS:	197
Interstate Highway	10
Primary US/State Highway	2
Secondary State/Co Highway	16
Local Road	139
Misc Ramp/Road	31
TRANSIT:	2
Altamont Commuter Express (ACE)	0
Amtrak	0
Bay Area Rapid Transit (BART)	0
Caltrain	2
San Francisco Muni Metro	0
Santa Clara VTA	0
RAIL:	7
All Railroads	7
PIPELINES:	147
Pipelines Under Roads	147
	=====

Source: Association of Bay Area Governments, 2009.

Miles of pipeline is an approximation based on miles of road within water service area boundaries and does not include major aqueducts.

Miles of pipeline is miles of water pipelines. Miles of sewer pipelines should be approximately the same.

Note: Because of independent rounding, subcategories may not add to totals.

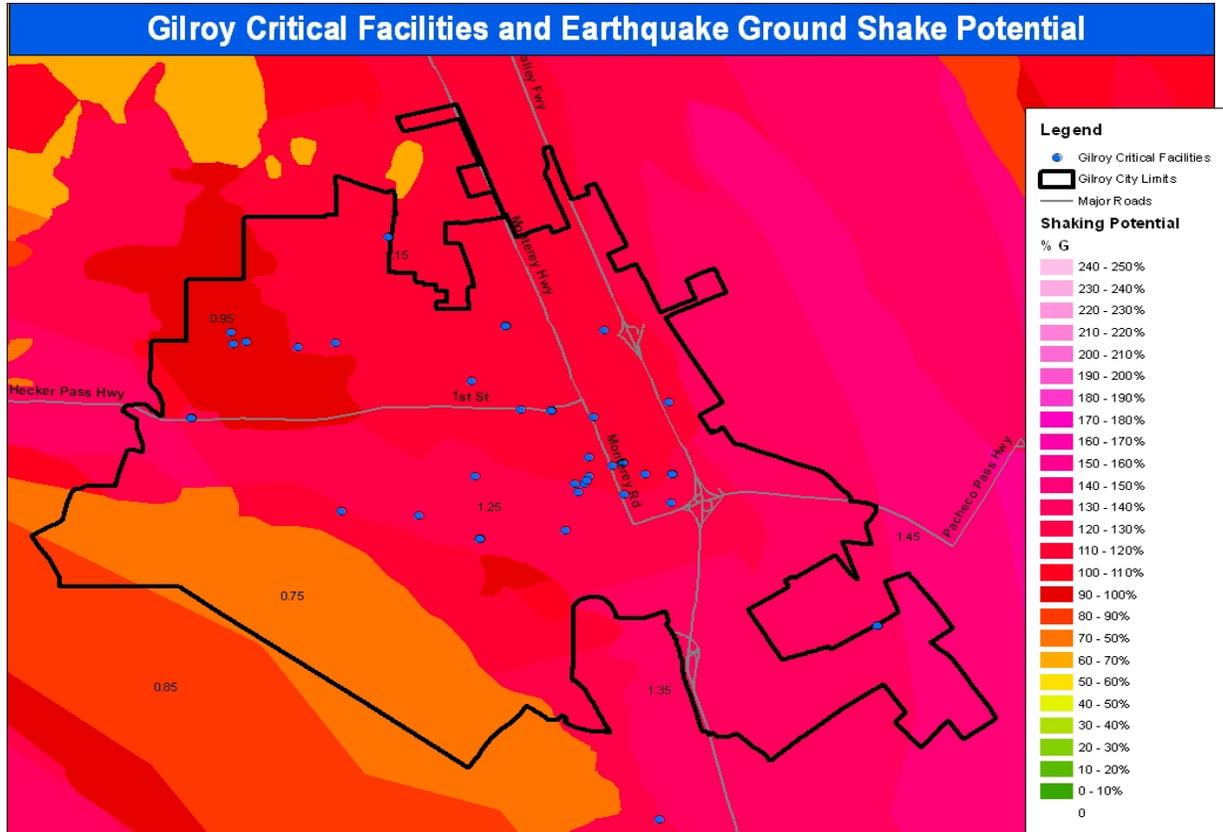
12.4.2.2 Critical Facilities Exposure by Hazard

ABAG's website (<http://quake.abag.ca.gov/mitigation/cf2010/>) presents the results of the regional facilities exposure analysis through a searchable online database. It should be noted that the City of

Gilroy's critical facilities information has been updated since the deployment of ABAG's online database. Users can view the summaries of how many facilities are exposed to the mappable hazards by category: health care facilities, schools, critical facilities, and bridges/interchanges. For the purposes of developing a City specific mitigation strategy, this section identifies which of the City's critical facilities are located in the mapped hazard areas.

12.4.2.2.1 Earthquake Related Hazards

Ground Shaking



Source: CA Department of Conservation

Critical Facility	Peak Acceleration (%G)	Perceived Shaking	Potential Damage	Instrumental Intensity	Bldg Insured Value	Contents Insured Value
ADMINISTRATION BLDG	135	Extreme	Very Heavy	X+	\$1,363,050	\$636,700
BACKWASH BASIN	135	Extreme	Very Heavy	X+	\$700,400	\$93,600
BKWSH & FILTER PMP S	135	Extreme	Very Heavy	X+	\$577,900	\$347,800
CHEM STOR & FEED	135	Extreme	Very Heavy	X+	\$119,300	\$24,200
CHLORINE CONT BASIN	135	Extreme	Very Heavy	X+	\$1,106,700	\$35,900
E ELECTRICAL BLDG	135	Extreme	Very Heavy	X+	\$521,000	\$208,800
EFFL PUMP STATION	135	Extreme	Very Heavy	X+	\$712,400	\$581,000
HDWORKS ODOR SCR	135	Extreme	Very Heavy	X+	\$807,500	\$0
HEADWORKS FACILITY	135	Extreme	Very Heavy	X+	\$978,100	\$650,500
OXIDATION DITCHES (2)	135	Extreme	Very Heavy	X+	\$18,967,800	\$1,742,100
PLANT DRAIN PUMP ST	135	Extreme	Very Heavy	X+	\$79,300	\$46,700
RAS PUMP STATION	135	Extreme	Very Heavy	X+	\$547,000	\$615,400
SECOND CLARIF (2)	135	Extreme	Very Heavy	X+	\$4,552,200	\$669,000
SEPTAGE DISP FAC	135	Extreme	Very Heavy	X+	\$72,900	\$48,500
SOLIDS BLD ODOR SCR	135	Extreme	Very Heavy	X+	\$807,500	\$0
SOLIDS PROC BLDG	135	Extreme	Very Heavy	X+	\$2,422,900	\$2,401,100
TERT FILTERS (2) & FAC	135	Extreme	Very Heavy	X+	\$786,800	\$108,900
W ELECTRICAL BLDG	135	Extreme	Very Heavy	X+	\$521,000	\$208,800
Ascencion Solorsano	125	Extreme	Very	X+		

Critical Facility	Peak Acceleration (%G)	Perceived Shaking	Potential Damage	Instrumental Intensity	Bldg Insured Value	Contents Insured Value
Gym			Heavy			
Corp Yard Water Wkshp/Storage	125	Extreme	Very Heavy	X+	\$105,768	\$0
Corp Yrd Fleet Maintenance	125	Extreme	Very Heavy	X+	\$194,624	\$0
Corp Yrd Storage/Wkshps	125	Extreme	Very Heavy	X+	\$320,781	\$0
El Roble Park	125	Extreme	Very Heavy	X+	\$17,700	\$0
FIRE STATION (Chestnut)	125	Extreme	Very Heavy	X+	\$597,862	\$0
GAVILAN COL PMP S	125	Extreme	Very Heavy	X+		
GOLF COURSE/CART	125	Extreme	Very Heavy	X+	\$220,274	\$0
GOLF COURSE/MAINT.	125	Extreme	Very Heavy	X+	\$23,249	\$0
GOLF COURSE/RENTA	125	Extreme	Very Heavy	X+	\$118,056	\$0
GOLF/CART/STGE	125	Extreme	Very Heavy	X+	\$67,213	\$0
GOLF/CLUB HOUSE	125	Extreme	Very Heavy	X+	\$136,362	\$0
GOLF/CLUB OFFICE	125	Extreme	Very Heavy	X+	\$67,224	\$0
New Corp Yard Admin	125	Extreme	Very Heavy	X+		
POLICE HEADQUARTERS	125	Extreme	Very Heavy	X+		
RANCH BARN	125	Extreme	Very Heavy	X+	\$175,167	\$0
RANCH HOUSE/STGE	125	Extreme	Very Heavy	X+	\$100,170	\$0
Ranch Site Park TEEC Bldg	125	Extreme	Very Heavy	X+	\$162,785	\$0
RANCH/TRL/OFFICE	125	Extreme	Very Heavy	X+	\$49,090	\$0
REC WTR BSTR PS	125	Extreme	Very	X+		

Critical Facility	Peak Acceleration (%G)	Perceived Shaking	Potential Damage	Instrumental Intensity	Bldg Insured Value	Contents Insured Value
			Heavy			
SENIOR CENTER - Shelter	125	Extreme	Very Heavy	X+	\$947,934	\$0
WELL #4	125	Extreme	Very Heavy	X+	\$63,362	\$0
BOOSTER PUMP #1	115	Violent	Heavy	IX	\$30,782	\$0
BOOSTER STN #5	115	Violent	Heavy	IX	\$49,454	\$0
Christmas Hill Park Maintenance Bldg	115	Violent	Heavy	IX		
Christmas Hill Park Mulberry Restroom New	115	Violent	Heavy	IX	\$62,756	\$0
Christmas Hill Park Mulberry Restroom Old	115	Violent	Heavy	IX	\$176,057	\$0
Christmas Hill Park Snack Bar	115	Violent	Heavy	IX	\$2,977,980	\$0
Christmas Hill Park Ampitheater Restroom	115	Violent	Heavy	IX		
CITY HALL ANNEX	115	Violent	Heavy	IX	\$3,449,723	\$0
CONCESSION STAND	115	Violent	Heavy	IX	\$20,301	\$0
Del Rey Park	115	Violent	Heavy	IX	\$20,700	\$0
FIRE STATION (Las Animas)	115	Violent	Heavy	IX	\$403,876	\$0
FIRE STATION (Sunrise)	115	Violent	Heavy	IX		
Forest St. Park Bldg	115	Violent	Heavy	IX	\$2,625	\$0
Las Animas Equip. BLDG	115	Violent	Heavy	IX	\$27,013	\$0
Las animas Main Rec Bldg	115	Violent	Heavy	IX	\$141,731	\$0
Las Animas Prk Oaks Restroom	115	Violent	Heavy	IX		
Las Animas Rec Area Restroom	115	Violent	Heavy	IX	\$52,058	\$0
Las Animas Sml Rec.	115	Violent	Heavy	IX	\$40,128	\$0

Critical Facility	Peak Acceleration (%G)	Perceived Shaking	Potential Damage	Instrumental Intensity	Bldg Insured Value	Contents Insured Value
Bldg						
MUSEUM	115	Violent	Heavy	IX	\$1,681,313	\$18,140
NEW CITY HALL	115	Violent	Heavy	IX	\$3,783,734	\$221,000
OLD CITY HALL - Historic	115	Violent	Heavy	IX	\$1,969,880	\$0
REC WTR RESERVOIR	115	Violent	Heavy	IX		
San Ysidro Park Bldg/Restrooms	115	Violent	Heavy	IX	\$150,530	\$0
TRAIN DEPOT	115	Violent	Heavy	IX	\$1,108,107	\$0
WELL #1	115	Violent	Heavy	IX	\$15,022	\$0
WELL #2	115	Violent	Heavy	IX	\$36,788	\$0
WELL #5	115	Violent	Heavy	IX	\$20,751	\$0
WELL #6	115	Violent	Heavy	IX	\$238,290	\$0
WELL #7	115	Violent	Heavy	IX	\$238,290	\$0
WELL #8	115	Violent	Heavy	IX	\$306,780	\$0
WELL #8A	115	Violent	Heavy	IX	\$368,780	\$0
WHEELER AUDITORIUM	115	Violent	Heavy	IX	\$1,557,833	\$207,830
YOUTH CENTR GYM - Shelter	115	Violent	Heavy	IX	\$170,708	\$12,830
YOUTH CENTR OFFICE	115	Violent	Heavy	IX	\$325,845	\$0
YOUTH CENTR RECR - Shelter	115	Violent	Heavy	IX	\$175,992	\$0
BOOSTER PUMP #2	95	Violent	Heavy	IX	\$46,069	\$0
BOOSTER PUMP #3	95	Violent	Heavy	IX	\$46,069	\$0
RESERVOIR	95	Violent	Heavy	IX	\$6,750	\$0

Soft Story Multi-Family Dwellings

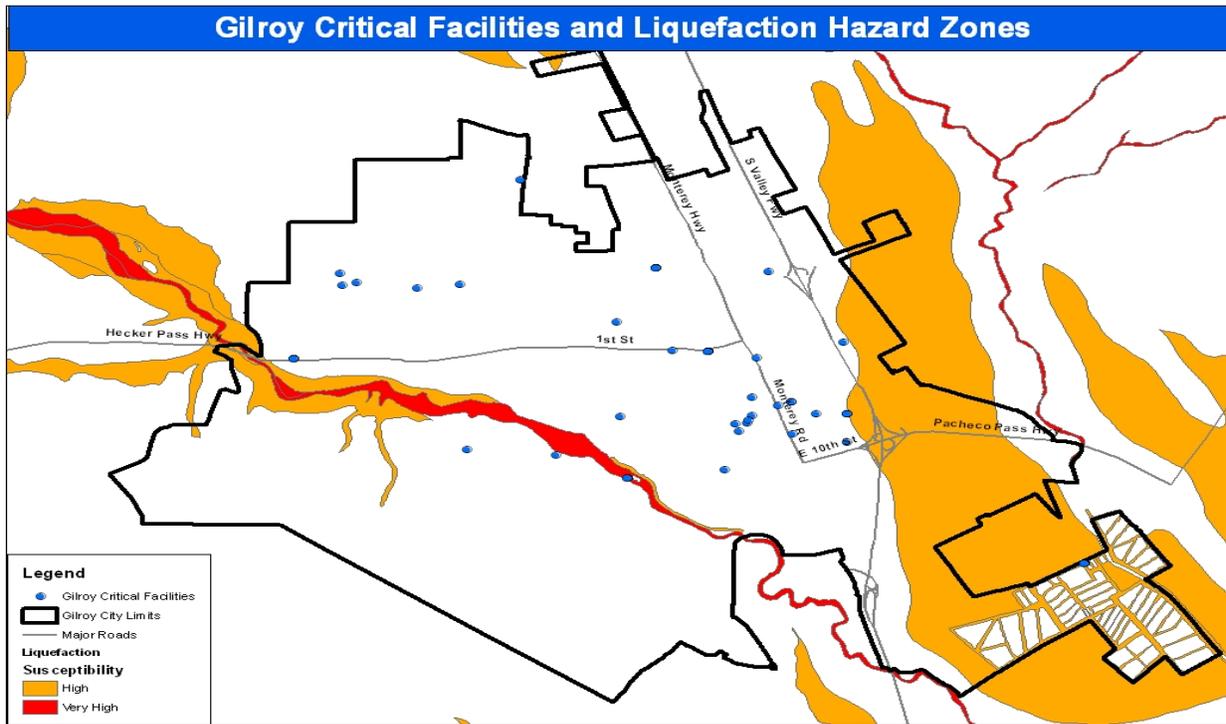
In 2003, the Collaborative for Disaster Mitigation at San Jose State University completed an “*Inventory of Soft-First Story Multi-Family Dwellings in Santa Clara County*”. At that time, the city of Gilroy had 71 soft-first story multi-family buildings including 422 residential units housing 1,055 occupants. Figure 12-1 below identifies the locations of these buildings.

Inventory of Soft-First Multi Family Dwellings City of Gilroy



Figure 12-1: Inventory of Soft-First Story Multi-Family Dwellings-City of Gilroy

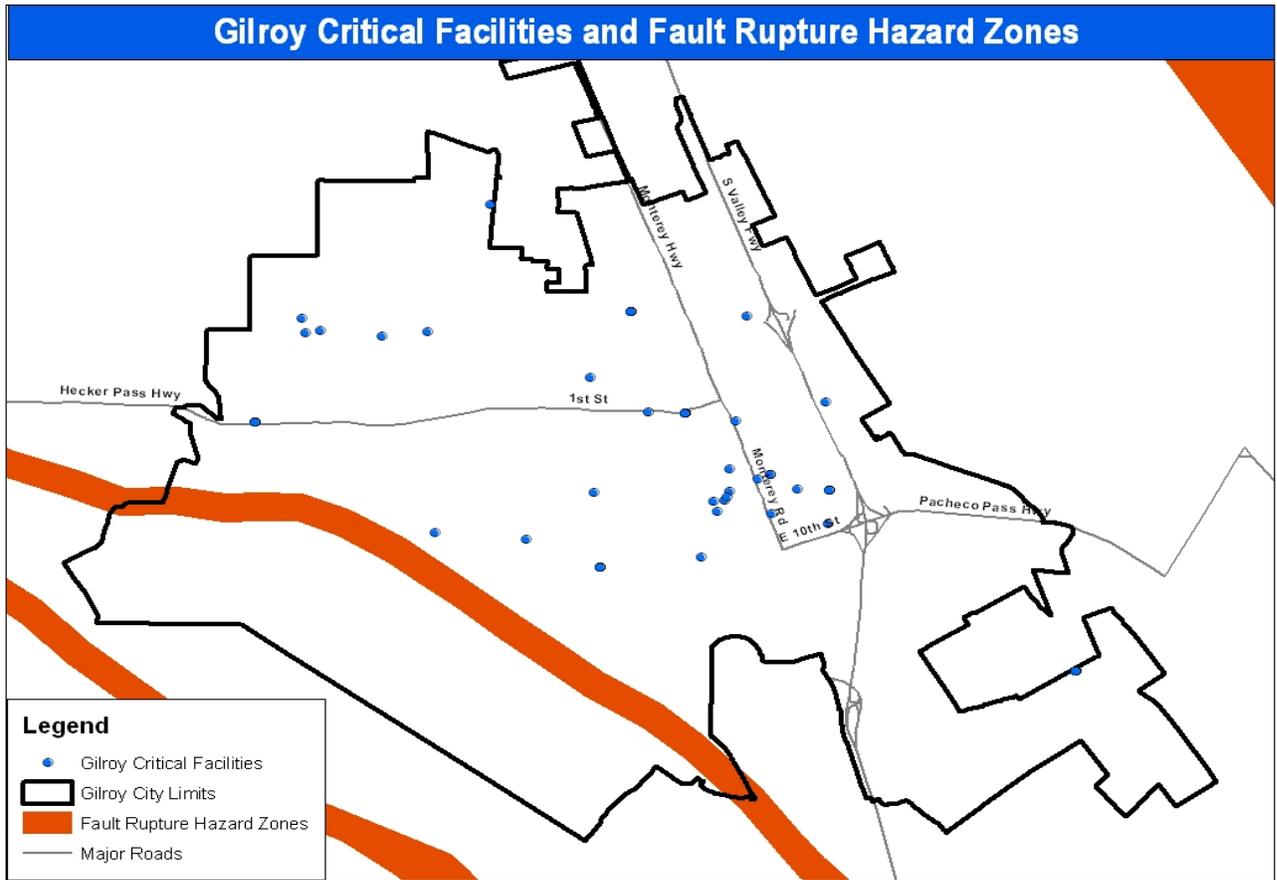
Earthquake Induced Liquefaction



Source: Santa Clara Planning Office

<i>Critical Facility</i>	<i>Liquefaction Hazard Zone</i>	<i>Bldg Insured Value</i>	<i>Contents Insured Value</i>
RANCH HOUSE/STGE	Very High	\$100,170	\$0
Ranch Site Park TEEC Bldg	Very High	\$162,785	\$0
RANCH/TRL/OFFICE	Very High	\$49,090	\$0
RANCH BARN	Very High	\$175,167	\$0
REC WTR BSTR PS	Very High		

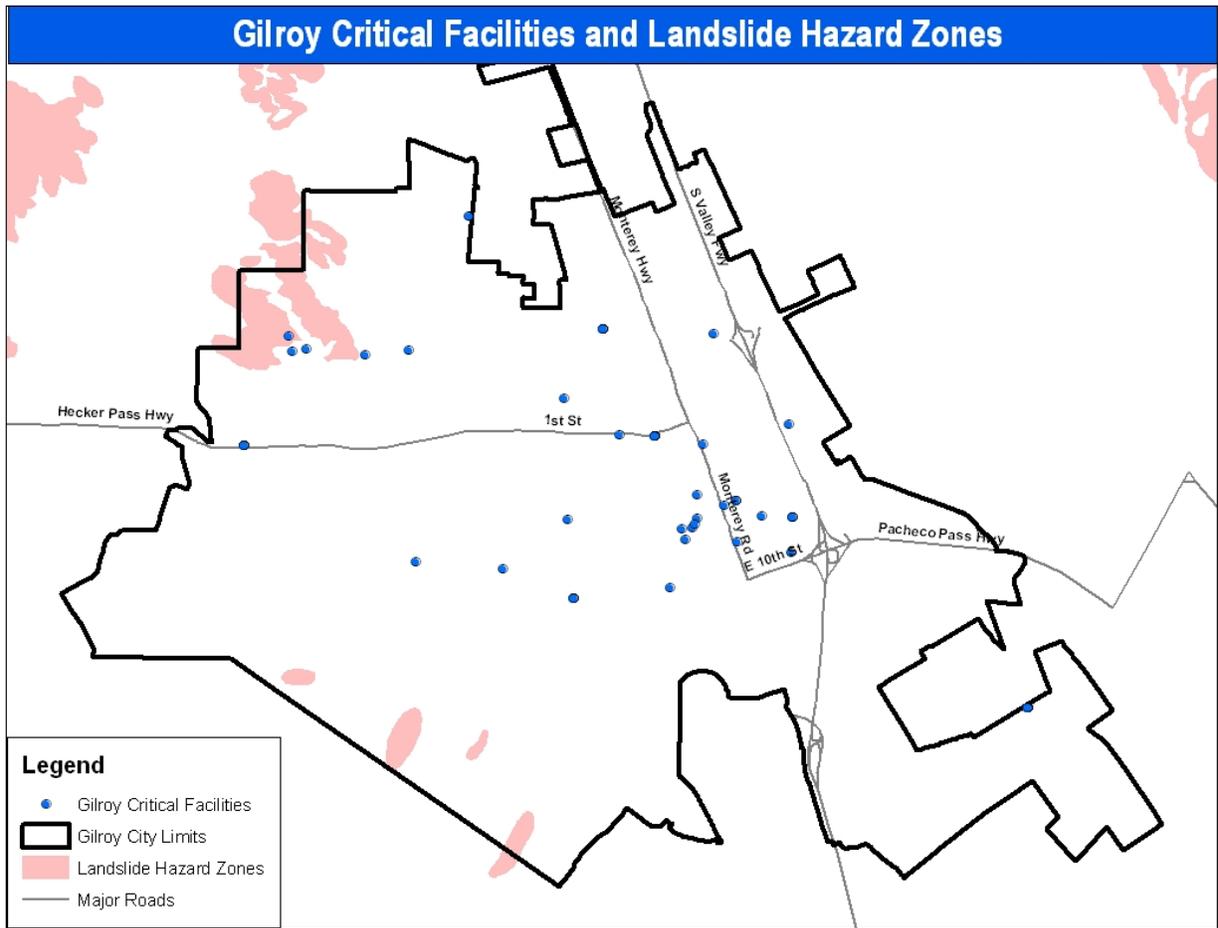
Surface Rupture



Source: California Geologic Survey, State of CA Department of Conservation

There are no critical facilities that fall within a Fault Rupture Hazard Zone in Gilroy, CA.

Earthquake Induced Landslides



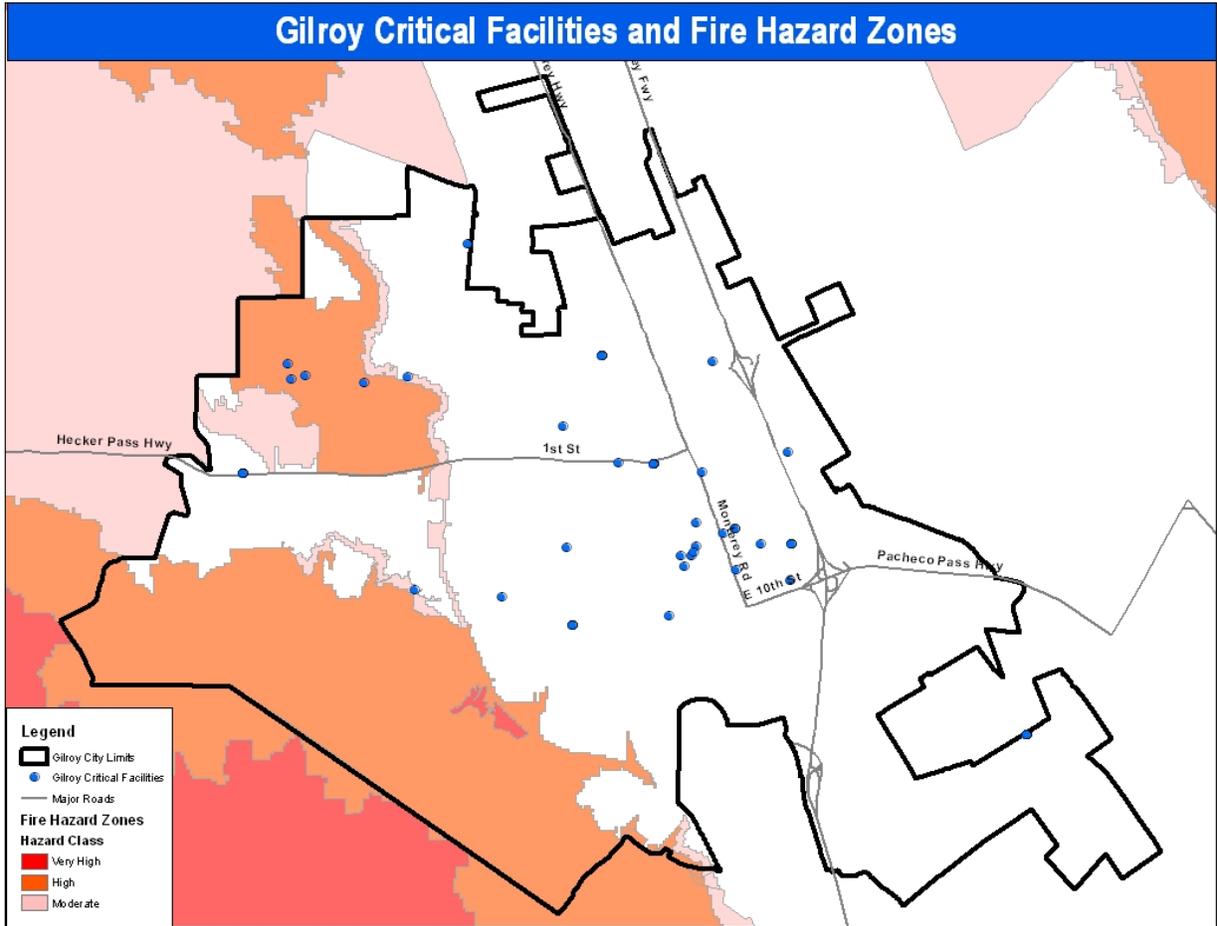
Source: Santa Clara Planning Office, CA State Department of Conservation

Critical Facility	Within Landslide Hazard Zones	Bldg Insured Value	Contents Insured Value
Booster Pump #3	Yes	\$46,069	\$0

12.4.2.2.2 Infrastructure Failure

The City of Gilroy is particularly concerned with the potential for structural failure in the TCC network resulting in 911 telephone communications between the field and PSAP being interrupted. Additionally, should the power system fail, many of the City’s critical facilities will be without a dependable source of power.

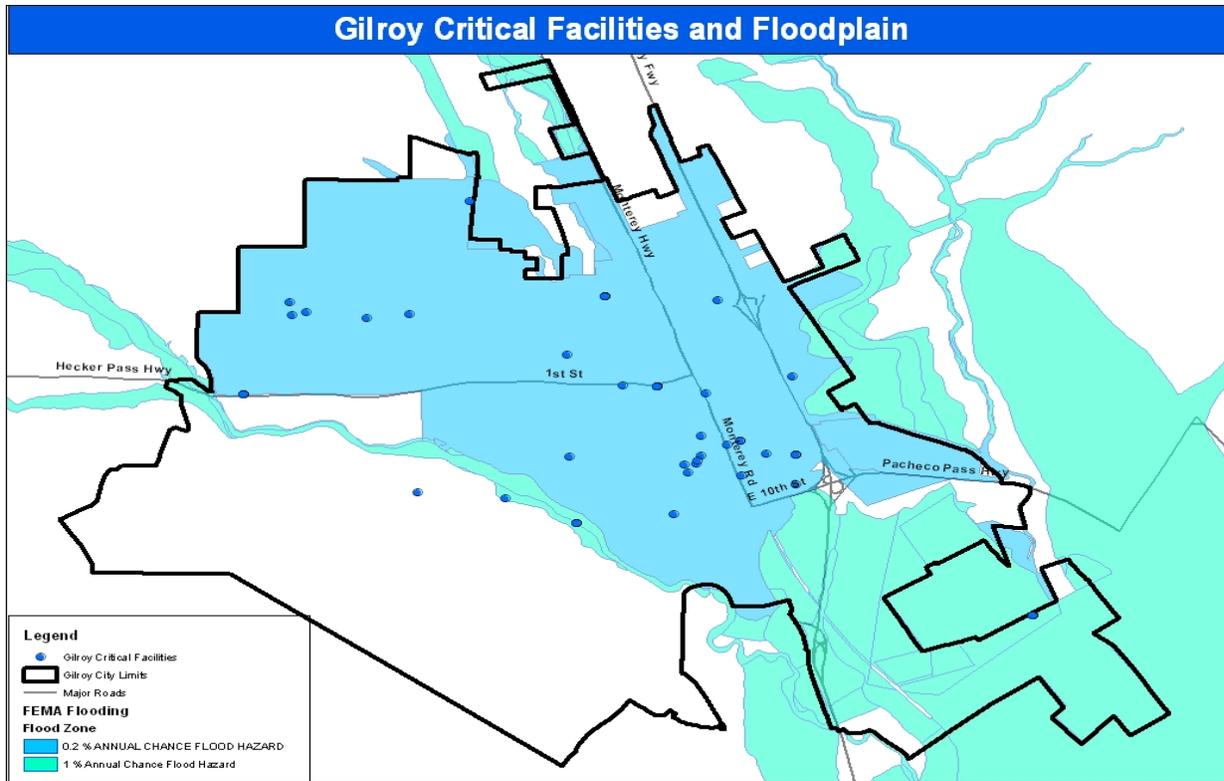
12.4.2.2.3 Wildfire



Source: CA Department of Forestry and Fire Protection

Critical Facility	Fire Hazard Zone	Bldg Insured Value	Contents Insured Value
Booster Pump #1	High	\$30,782	\$0
Booster Pump #2	High	\$46,069	\$0
Booster Pump #3	High	\$46,069	\$0
Gavilan Col PMP S	High	N/A	N/A
Reservoir	High	\$6,750	\$0
Booster STN #5	Moderate	\$49,454	\$0

12.4.2.2.4 Flooding



Source: FEMA- Santa Clara County DFIRM, 2009

Critical Facility	Flood Zone (% annual chance)	Bldg Insured Value	Contents Insured Value
ADMINISTRATION BLDG	1%	\$1,363,050	\$636,700
Ascencion Solorsano Gym	1%		
BACKWASH BASIN	1%	\$700,400	\$93,600
BKWSH & FILTER PMP S	1%	\$577,900	\$347,800
CHEM STOR & FEED	1%	\$119,300	\$24,200
CHLORINE CONT BASIN	1%	\$1,106,700	\$35,900
E ELECTRICAL BLDG	1%	\$521,000	\$208,800
EFFL PUMP STATION	1%	\$712,400	\$581,000
HDWORKS ODOR SCR	1%	\$807,500	\$0

Critical Facility	Flood Zone (% annual chance)	Bldg Insured Value	Contents Insured Value
HEADWORKS FACILITY	1%	\$978,100	\$650,500
OXIDATION DITCHES (2)	1%	\$18,967,800	\$1,742,100
PLANT DRAIN PUMP ST	1%	\$79,300	\$46,700
RANCH BARN	1%	\$175,167	\$0
RANCH HOUSE/STGE	1%	\$100,170	\$0
Ranch Site Park TEEC Bldg	1%	\$162,785	\$0
RANCH/TRL/OFFICE	1%	\$49,090	\$0
RAS PUMP STATION	1%	\$547,000	\$615,400
REC WTR BSTR PS	1%		
SECOND CLARIF (2)	1%	\$4,552,200	\$669,000
SEPTAGE DISP FAC	1%	\$72,900	\$48,500
SOLIDS BLD ODOR SCR	1%	\$807,500	\$0
SOLIDS PROC BLDG	1%	\$2,422,900	\$2,401,100
TERT FILTERS (2) & FAC	1%	\$786,800	\$108,900
W ELECTRICAL BLDG	1%	\$521,000	\$208,800
BOOSTER PUMP #1	.2%	\$30,782	\$0
BOOSTER PUMP #2	.2%	\$46,069	\$0
BOOSTER PUMP #3	.2%	\$46,069	\$0
Christmas Hill Park Maintenance Bldg	.2%		
Christmas Hill Park Mulberry Restroom New	.2%	\$62,756	\$0
Christmas Hill Park Mulberry Restroom Old	.2%	\$176,057	\$0
Christmas Hill Park Snack Bar	.2%	\$2,977,980	\$0
Christmas Hill Park Ampitheater Restroom	.2%		
CITY HALL ANNEX	.2%	\$3,449,723	\$0
CONCESSION STAND	.2%	\$20,301	\$0
Corp Yard Water Wkshp/Storage	.2%	\$105,768	\$0

Critical Facility	Flood Zone (% annual chance)	Bldg Insured Value	Contents Insured Value
Corp Yrd Fleet Maintenance	.2%	\$194,624	\$0
Corp Yrd Storage/Wkshops	.2%	\$320,781	\$0
Del Rey Park	.2%	\$20,700	\$0
El Roble Park	.2%	\$17,700	\$0
FIRE STATION (Chestnut)	.2%	\$597,862	\$0
FIRE STATION (Las Animas)	.2%	\$403,876	\$0
FIRE STATION (Sunrise)	.2%		
Forest St. Park Bldg	.2%	\$2,625	\$0
GOLF COURSE/CART	.2%	\$220,274	\$0
GOLF COURSE/MAINT.	.2%	\$23,249	\$0
GOLF COURSE/RENTA	.2%	\$118,056	\$0
GOLF/CART/STGE	.2%	\$67,213	\$0
GOLF/CLUB HOUSE	.2%	\$136,362	\$0
GOLF/CLUB OFFICE	.2%	\$67,224	\$0
Las Animas Equip. BLDG	.2%	\$27,013	\$0
Las animas Main Rec Bldg	.2%	\$141,731	\$0
Las Animas Prk Oaks Restroom	.2%		
Las Animas Rec Area Restroom	.2%	\$52,058	\$0
Las Animas Sml Rec. Bldg	.2%	\$40,128	\$0
MUSEUM	.2%	\$1,681,313	\$18,140
NEW CITY HALL	.2%	\$3,783,734	\$221,000
New Corp Yard Admin	.2%		
OLD CITY HALL - Historic	.2%	\$1,969,880	\$0
POLICE HEADQUARTERS	.2%		
REC WTR RESERVOIR	.2%		
RESERVOIR	.2%	\$6,750	\$0
San Ysidro Park Bldg/Restrooms	.2%	\$150,530	\$0
SENIOR CENTER -	.2%	\$947,934	\$0

Critical Facility	Flood Zone (% annual chance)	Bldg Insured Value	Contents Insured Value
Shelter			
TRAIN DEPOT	.2%	\$1,108,107	\$0
WELL #1	.2%	\$15,022	\$0
WELL #2	.2%	\$36,788	\$0
WELL #4	.2%	\$63,362	\$0
WELL #5	.2%	\$20,751	\$0
WELL #6	.2%	\$238,290	\$0
WELL #7	.2%	\$238,290	\$0
WELL #8	.2%	\$306,780	\$0
WELL #8A	.2%	\$368,780	\$0
WHEELER AUDITORIUM	.2%	\$1,557,833	\$207,830
YOUTH CENTR GYM - Shelter	.2%	\$170,708	\$12,830
YOUTH CENTR OFFICE	.2%	\$325,845	\$0
YOUTH CENTR RECR - Shelter	.2%	\$175,992	\$0

Sea Level Rise

There are no facilities in the City of Gilroy at risk to sea level rise.

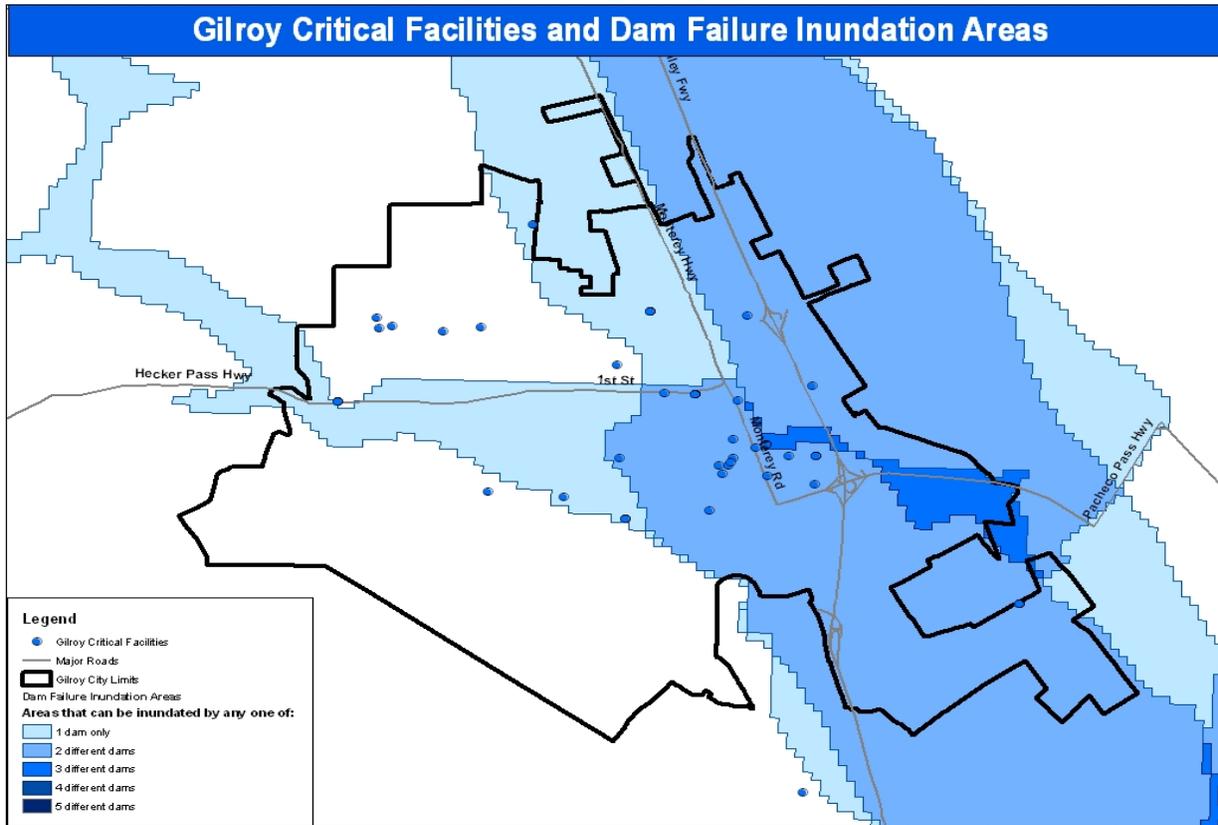
12.4.2.2.5 Drought

All populations, facilities, and assets are equally at risk to impact from drought. The City of Gilroy does not have any unique concerns regarding the hazard of drought as presented in Section 4.

12.4.2.2.6 Solar Storm

All populations, facilities, and assets are equally at risk to impact from solar storm events. The City of Gilroy does not have any unique concerns regarding the hazard of solar storm as presented in Section 4.

12.4.2.2.7 Dam Failure



Source: ABAG, 1995. Dam data from State of California Office of Emergency Services

Critical Facility	Dam Failure Inundation Area	Bldg Insured Value	Contents Insured Value
YOUTH CENTR GYM - Shelter	3	\$170,708	\$12,830
YOUTH CENTR OFFICE	3	\$325,845	\$0
YOUTH CENTR RECR - Shelter	3	\$175,992	\$0
ADMINISTRATION BLDG	2	\$1,363,050	\$636,700
BACKWASH BASIN	2	\$700,400	\$93,600
BKWSH & FILTER PMP S	2	\$577,900	\$347,800
CHEM STOR & FEED	2	\$119,300	\$24,200
CHLORINE CONT BASIN	2	\$1,106,700	\$35,900
Christmas Hill Park	2		

Critical Facility	Dam Failure Inundation Area	Bldg Insured Value	Contents Insured Value
Maintenance Bldg			
Christmas Hill Park Mulberry Restroom New	2	\$62,756	\$0
Christmas Hill Park Mulberry Restroom Old	2	\$176,057	\$0
Christmas Hill Park Snack Bar	2	\$2,977,980	\$0
Christmas Hill ParkAmpitheater Restroom	2		
CITY HALL ANNEX	2	\$3,449,723	\$0
Corp Yard Water Wkshp/Storage	2	\$105,768	\$0
Corp Yrd Fleet Maintenance	2	\$194,624	\$0
Corp Yrd Storage/Wkshops	2	\$320,781	\$0
E ELECTRICAL BLDG	2	\$521,000	\$208,800
EFFL PUMP STATION	2	\$712,400	\$581,000
El Roble Park	2	\$17,700	\$0
FIRE STATION (Chestnut)	2	\$597,862	\$0
Forest St. Park Bldg	2	\$2,625	\$0
HDWORKS ODOR SCR	2	\$807,500	\$0
HEADWORKS FACILITY	2	\$978,100	\$650,500
MUSEUM	2	\$1,681,313	\$18,140
NEW CITY HALL	2	\$3,783,734	\$221,000
New Corp Yard Admin	2		
OLD CITY HALL - Historic	2	\$1,969,880	\$0
OXIDATION DITCHES (2)	2	\$18,967,800	\$1,742,100
PLANT DRAIN PUMP ST	2	\$79,300	\$46,700
POLICE HEADQUARTERS	2		
RAS PUMP STATION	2	\$547,000	\$615,400
REC WTR RESERVOIR	2		
San Ysidro Park Bldg/Restrooms	2	\$150,530	\$0

Critical Facility	Dam Failure Inundation Area	Bldg Insured Value	Contents Insured Value
SECOND CLARIF (2)	2	\$4,552,200	\$669,000
SENIOR CENTER - Shelter	2	\$947,934	\$0
SEPTAGE DISP FAC	2	\$72,900	\$48,500
SOLIDS BLD ODOR SCR	2	\$807,500	\$0
SOLIDS PROC BLDG	2	\$2,422,900	\$2,401,100
TERT FILTERS (2) & FAC	2	\$786,800	\$108,900
TRAIN DEPOT	2	\$1,108,107	\$0
W ELECTRICAL BLDG	2	\$521,000	\$208,800
WELL #1	2	\$15,022	\$0
WELL #2	2	\$36,788	\$0
WELL #4	2	\$63,362	\$0
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WELL #8A	2	\$368,780	\$0
WHEELER AUDITORIUM	2	\$1,557,833	\$207,830
Ascencion Solorsano Gym	1		
CONCESSION STAND	1	\$20,301	\$0
FIRE STATION (Sunrise)	1		
Las Animas Equip. BLDG	1	\$27,013	\$0
Las animas Main Rec Bldg	1	\$141,731	\$0
Las Animas Prk Oaks Restroom	1		
Las Animas Rec Area Restroom	1	\$52,058	\$0
Las Animas Sml Rec. Bldg	1	\$40,128	\$0
RANCH BARN	1	\$175,167	\$0
RANCH HOUSE/STGE	1	\$100,170	\$0
Ranch Site Park TEEC Bldg	1	\$162,785	\$0
RANCH/TRL/OFFICE	1	\$49,090	\$0
REC WTR BSTR PS	1		

64 of the City's 78 identified critical facilities are at risk of being inundated from one or more dams failing. The City does not have authority to do structural projects on the Anderson dam; however, they recognize that a warning system, evacuation plan, and coordinating signage would reduce the risk to human injury or loss of life.

12.4.2.2.8 Disease Outbreak

All populations, facilities, and assets are equally at risk to impact from disease outbreak. The City of Gilroy does not have any unique concerns regarding the hazard of disease outbreak as presented in Section 4.

12.4.2.2.9 Freeze

All populations, facilities, and assets are equally at risk to impact from freeze occurrences. The City of Gilroy does not have any unique concerns regarding the hazard of freeze as presented in Section 4.

12.4.2.2.10 Wind

All populations, facilities, and assets are equally at risk to impact from high winds. The City of Gilroy does not have any unique concerns regarding the hazard of wind as presented in Section 4.

12.4.2.2.11 Heat

All populations, facilities, and assets are equally at risk to impact from extreme heat events. The City of Gilroy does not have any unique concerns regarding the hazard of heat as presented in Section 4.

12.4.2.2.12 Agricultural Pest

Agriculture is a primary component in the City's economy. The City of Gilroy does not have any unique concerns regarding the hazard of agricultural pests as presented in Section 4.

12.4.2.2.13 Thunder and Lightning

All populations, facilities, and assets are equally at risk to impact from thunder and lightning events. The City of Gilroy does not have any unique concerns regarding the hazard of thunder and lightning as presented in Section 4.

12.4.2.2.14 Siltation – Bay Area

Siltation is not of particular concern to the City of Gilroy.

12.4.2.2.15 Tornado

All populations, facilities, and assets are equally at risk to impact from tornado occurrences. The City of Gilroy does not have any unique concerns regarding the hazard of tornado as presented in Section 4.

12.4.2.2.16 Hazardous Materials

The City of Gilroy does not have any unique concerns regarding the potential for hazardous materials spills as presented in Section 4.

12.4.2.2.17 Landslide and Debris Flow

Landslide and Debris Flow is not of particular concern to the City of Gilroy.

12.4.2.2.18 Other Hazards

Land Subsidence is not of particular concern to the City of Gilroy.
Expansive Soils are not of particular concern to the City of Gilroy.
Hailstorms are not of particular concern to the City of Gilroy.
Tsunami is not a hazard of concern for the City of Gilroy.
Volcano eruptions are not a hazard of concern for the City of Gilroy.

12.5 MITIGATION ACTIONS

12.5.1 Primary Concerns

Based on the exposure analysis, the most critical facilities in the City of Gilroy are at risk of being impacted by ground shaking or flooding (including dam inundation). The City is mitigating flood risk on an ongoing basis through the flood management ordinance and participation in the NFIP. 64 of the City's 78 identified critical facilities are at risk of being inundated from one or more dams failing.

The City examined the hazard exposure information to City-owned critical facilities supplied by ABAG. Although a number of the City's critical facilities are susceptible to earthquake shaking and liquefaction, most of these facilities are newer and should withstand moderate to severe earthquakes. The City has identified remodeling two of its fire stations in its long range plan and will be completing any necessary seismic retrofitting at that time.

12.5.2 Mitigation Actions

The City of Gilroy identified five specific mitigation actions for the 2011 update of this plan. Following are descriptions and implementation plans for those actions.

Problem Statement: In the event of structural failure in the TCC network, 911 telephone communications between the field and PSAP are interrupted.		
Project Description: Establish a relationship with local service providers to insure a backup TCC system/process for telephonic communication with a local PSAP.		
Applicable Hazards		
<p><u>Significant</u></p> <p>Earthquakes</p> <p><input type="checkbox"/> Ground Shaking</p> <p><input type="checkbox"/> Liquefaction</p> <p><input type="checkbox"/> Surface Rupture</p> <p><input type="checkbox"/> Landslides</p> <p>Infrastructure Failure</p> <p><input type="checkbox"/> Electrical System</p> <p><input type="checkbox"/> Energy System</p> <p><input checked="" type="checkbox"/> Telecommunication System</p> <p><input type="checkbox"/> Transportation System</p> <p><input type="checkbox"/> Waste Water System</p> <p><input type="checkbox"/> Water System</p> <p><input type="checkbox"/> Delta Levee Failure</p> <p><input type="checkbox"/> Wildfire</p>	<p><u>Moderate</u></p> <p><input type="checkbox"/> Flood</p> <p><input type="checkbox"/> Drought</p> <p><input type="checkbox"/> Solar Storm</p> <p><input type="checkbox"/> Dam Failure</p> <p><input type="checkbox"/> Disease and Outbreak</p> <p><input type="checkbox"/> Freeze</p> <p><input type="checkbox"/> Wind (high winds)</p> <p><input type="checkbox"/> Extreme Heat</p> <p><input type="checkbox"/> Agricultural Pests</p> <p><input type="checkbox"/> Thunder / Lightening Storms</p> <p><input type="checkbox"/> Bay Area Silting</p> <p><input type="checkbox"/> Tornado</p> <p><input type="checkbox"/> Hazardous Materials (Chemical/Biological) Spills</p> <p><input type="checkbox"/> Landslide and Debris Flow</p>	<p><u>Limited</u></p> <p><input type="checkbox"/> Land Subsidence</p> <p><input type="checkbox"/> Expansive Soils</p> <p><input type="checkbox"/> Hailstorm</p> <p><input type="checkbox"/> Tsunami</p> <p><input type="checkbox"/> Volcano</p>
Potential Funding Sources: <i>to be determined</i>		
Responsible Department: Police Department, Fire OES		
Target Completion Date: <i>to be determined</i>		

Problem Statement: Many “soft story” apartment buildings exist in Gilroy. In the event of a serious earthquake, these structures could fall causing injuries and deaths.

Project Description: Using the identified soft story maps to target the existing structures, develop a program to retrofit soft story apartment buildings in Gilroy.

Applicable Hazards

<u>Significant</u>	<u>Moderate</u>	<u>Limited</u>
Earthquakes		
<input checked="" type="checkbox"/> Ground Shaking	<input type="checkbox"/> Flood	<input type="checkbox"/> Land Subsidence
<input type="checkbox"/> Liquefaction	<input type="checkbox"/> Drought	<input type="checkbox"/> Expansive Soils
<input checked="" type="checkbox"/> Surface Rupture	<input type="checkbox"/> Solar Storm	<input type="checkbox"/> Hailstorm
<input type="checkbox"/> Landslides	<input type="checkbox"/> Dam Failure	<input type="checkbox"/> Tsunami
Infrastructure Failure	<input type="checkbox"/> Disease and Outbreak	<input type="checkbox"/> Volcano
<input type="checkbox"/> Electrical System	<input type="checkbox"/> Freeze	
<input type="checkbox"/> Energy System	<input type="checkbox"/> Wind (high winds)	
<input type="checkbox"/> Telecommunication System	<input type="checkbox"/> Extreme Heat	
<input type="checkbox"/> Transportation System	<input type="checkbox"/> Agricultural Pests	
<input type="checkbox"/> Waste Water System	<input type="checkbox"/> Thunder / Lightning Storms	
<input type="checkbox"/> Water System	<input type="checkbox"/> Bay Area Silting	
<input type="checkbox"/> Delta Levee Failure	<input type="checkbox"/> Tornado	
<input type="checkbox"/> Wildfire	<input type="checkbox"/> Hazardous Materials (Chemical/Biological) Spills	
	<input type="checkbox"/> Landslide and Debris Flow	

Potential Funding Sources: HMGP, PDM

Responsible Department: Community Development Department; Building, Life, and Environmental Safety Division

Target Completion Date: *to be determined*

Problem Statement: Downtown unreinforced masonry buildings.		
Project Description: Develop a plan for a cooperative program to retrofit or tear down unreinforced masonry.		
Applicable Hazards		
<p><u>Significant</u></p> <p>Earthquakes</p> <p><input checked="" type="checkbox"/> Ground Shaking</p> <p><input type="checkbox"/> Liquefaction</p> <p><input checked="" type="checkbox"/> Surface Rupture</p> <p><input type="checkbox"/> Landslides</p> <p>Infrastructure Failure</p> <p><input type="checkbox"/> Electrical System</p> <p><input type="checkbox"/> Energy System</p> <p><input type="checkbox"/> Telecommunication System</p> <p><input type="checkbox"/> Transportation System</p> <p><input type="checkbox"/> Waste Water System</p> <p><input type="checkbox"/> Water System</p> <p><input type="checkbox"/> Delta Levee Failure</p> <p><input type="checkbox"/> Wildfire</p>	<p><u>Moderate</u></p> <p><input type="checkbox"/> Flood</p> <p><input type="checkbox"/> Drought</p> <p><input type="checkbox"/> Solar Storm</p> <p><input type="checkbox"/> Dam Failure</p> <p><input type="checkbox"/> Disease and Outbreak</p> <p><input type="checkbox"/> Freeze</p> <p><input type="checkbox"/> Wind (high winds)</p> <p><input type="checkbox"/> Extreme Heat</p> <p><input type="checkbox"/> Agricultural Pests</p> <p><input type="checkbox"/> Thunder / Lightning Storms</p> <p><input type="checkbox"/> Bay Area Silting</p> <p><input type="checkbox"/> Tornado</p> <p><input type="checkbox"/> Hazardous Materials (Chemical/Biological) Spills</p> <p><input type="checkbox"/> Landslide and Debris Flow</p>	<p><u>Limited</u></p> <p><input type="checkbox"/> Land Subsidence</p> <p><input type="checkbox"/> Expansive Soils</p> <p><input type="checkbox"/> Hailstorm</p> <p><input type="checkbox"/> Tsunami</p> <p><input type="checkbox"/> Volcano</p>
Potential Funding Sources: HMGP, PDM		
Responsible Department: Community Development Department; Building, Life, and Environmental Safety Division		
Target Completion Date: <i>to be determined</i>		

Problem Statement: Gilroy Chestnut Fire Station has been found to be below current essential facility building code standards for seismic activity.

Project Description: Reinforce/retrofit existing structure to meet current building code standards for essential facility seismic safety.

Applicable Hazards

<u>Significant</u>	<u>Moderate</u>	<u>Limited</u>
<p>Earthquakes</p> <p><input checked="" type="checkbox"/> Ground Shaking</p> <p><input type="checkbox"/> Liquefaction</p> <p><input checked="" type="checkbox"/> Surface Rupture</p> <p><input type="checkbox"/> Landslides</p> <p>Infrastructure Failure</p> <p><input type="checkbox"/> Electrical System</p> <p><input type="checkbox"/> Energy System</p> <p><input type="checkbox"/> Telecommunication System</p> <p><input type="checkbox"/> Transportation System</p> <p><input type="checkbox"/> Waste Water System</p> <p><input type="checkbox"/> Water System</p> <p><input type="checkbox"/> Delta Levee Failure</p> <p><input type="checkbox"/> Wildfire</p>	<p><input type="checkbox"/> Flood</p> <p><input type="checkbox"/> Drought</p> <p><input type="checkbox"/> Solar Storm</p> <p><input type="checkbox"/> Dam Failure</p> <p><input type="checkbox"/> Disease and Outbreak</p> <p><input type="checkbox"/> Freeze</p> <p><input checked="" type="checkbox"/> Wind (high winds)</p> <p><input type="checkbox"/> Extreme Heat</p> <p><input type="checkbox"/> Agricultural Pests</p> <p><input type="checkbox"/> Thunder / Lightning Storms</p> <p><input type="checkbox"/> Bay Area Silting</p> <p><input type="checkbox"/> Tornado</p> <p><input type="checkbox"/> Hazardous Materials (Chemical/Biological) Spills</p> <p><input checked="" type="checkbox"/> Landslide and Debris Flow</p>	<p><input type="checkbox"/> Land Subsidence</p> <p><input type="checkbox"/> Expansive Soils</p> <p><input type="checkbox"/> Hailstorm</p> <p><input type="checkbox"/> Tsunami</p> <p><input type="checkbox"/> Volcano</p>

STAPLE E Criteria Rating

Social	Technical	Admin	Political	Legal	Economic	Environmental	Total

Potential Funding Sources:

Responsible Department: Public Works Department

Target Completion Date:

Problem Statement: Some City of Gilroy critical facilities are without a dependable source of emergency power.

Project Description: Provide stand-by generators to Las Animas Fire Station, Senior Center, Wheeler Auditorium, and Community Room at Las Animas Park.

Applicable Hazards

<u>Significant</u>	<u>Moderate</u>	<u>Limited</u>
Earthquakes <input checked="" type="checkbox"/> Ground Shaking <input type="checkbox"/> Liquefaction <input checked="" type="checkbox"/> Surface Rupture <input type="checkbox"/> Landslides	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Drought <input type="checkbox"/> Solar Storm <input type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> Disease and Outbreak <input type="checkbox"/> Freeze <input type="checkbox"/> Wind (high winds)	<input type="checkbox"/> Land Subsidence <input type="checkbox"/> Expansive Soils <input type="checkbox"/> Hailstorm <input type="checkbox"/> Tsunami <input type="checkbox"/> Volcano
Infrastructure Failure <input checked="" type="checkbox"/> Electrical System <input checked="" type="checkbox"/> Energy System <input type="checkbox"/> Telecommunication System <input type="checkbox"/> Transportation System <input type="checkbox"/> Waste Water System <input type="checkbox"/> Water System <input type="checkbox"/> Delta Levee Failure <input type="checkbox"/> Wildfire	<input checked="" type="checkbox"/> Extreme Heat <input type="checkbox"/> Agricultural Pests <input type="checkbox"/> Thunder / Lightning Storms <input type="checkbox"/> Bay Area Silting <input type="checkbox"/> Tornado <input type="checkbox"/> Hazardous Materials (Chemical/Biological) Spills <input type="checkbox"/> Landslide and Debris Flow	

Potential Funding Sources: HMGP, PDM

Responsible Department: Public Works Department

Target Completion Date: *to be determined*

The identified mitigation actions are designed to retrofit or protect existing buildings and infrastructure. The City's development review process, floodplain management ordinance, and zoning ordinance include polices to reduce hazard risk on new buildings and infrastructure.

12.6 PLAN MAINTENANCE

12.6.1 Monitoring, evaluating, updating the plan

The City of Gilroy OES Coordinator will be accountable for monitoring this plan and documenting progress. They will remain involved with the County's Local Planning Team and Mitigation Strategy Task Forces to implement countywide and city specific mitigation actions.

The City of Gilroy Office of Emergency Services will review this annex annually during a regularly scheduled Emergency Operations Center meeting. In coordination with the annual Local Planning Team meetings, the City of Gilroy OES Coordinator will facilitate development of an annual progress/update report to be stored with this annex and inform future updates. This report will contain items that are noted to be out of date, progress of the identified mitigation actions, and additional information to be included in future revisions of this plan. Per the requirements of the Disaster Mitigation Act of 2000, the OES Coordinator will facilitate an update to this annex and submit it to Cal EMA/FEMA for approval prior to the five year expiration date.

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.

12.6.2 Point of Contact

Comments or suggestions regarding this plan may be submitted at any time to Roy Shackel, Assistant OES Coordinator.

Contact information: rshackel@ci.gilroy.ca.us, 408.846.0370

12.7 CITY OF GILROY APPENDIX

12.7.1 Gilroy Attachment 1: Outreach Materials

The City of Gilroy notified residents and businesses of the hazard mitigation planning process by distributing promotional announcements regarding public opportunity to respond to the online survey. This Attachment includes those outreach materials.


[BUSINESS](#)
HOME

[CITY HALL](#)
[COMMUNITY](#)
[ONLINE](#)
[VISIT GILROY](#)
[WHAT'S NEW](#)


Welcome to The City of Gilroy, California

Announcements

Breakfast With Santa December 11th

At the Gilroy Senior Center. This special morning is for Children 3-12 years of age. There is an 8:30 and 10:30 a.m. seating. Call 408-846-0460 for more info.

[Flyer](#)

Take a Survey to Help Update Local Hazard Mitigation Plan

The City of Gilroy is collaborating with Santa Clara County to update our local hazard mitigation plan. This plan outlines mechanisms for increasing our community's resiliency to natural hazard events (earthquake, flood, wildfire, etc.)

[Take Survey](#)

[More Information](#)

Open Seats on Boards, Commissions & Committees

The following Boards, Commissions and Committees have open seats effective January 1, 2011. The application deadline is Monday, December 6th, 2010 at 5:00 p.m.

[Read More](#)

[Application for Board Appointment](#)

[Application for PAC](#)

Next Coffee with the Mayor is Saturday, December 11th

At 9:30 a.m. in the Council Chambers. There are currently many ways in which citizens can engage the Mayor in discussion, but Coffee with the Mayor venues provide an additional, informal setting in which the Mayor can answer questions and otherwise engage in specific or broad discussions on city issues with Gilroy residents. For more information call 408-846-0491.

[2010 Schedule for Coffee with the Mayor](#)

After-School Recreation Program begins January 10th

The drop-in program at Solorsano and Brownell Middle Schools make after-school fun with homework help, game time and a safe place to hang out with friends. Sign up now. Call 846-0460 for more information.

[After-School Program flyer](#)

City Hall Closed December 23rd and 24th

In observance of Christmas Eve and Christmas Day.

Homebuyer Assistance for Downpayments

The City is pleased to announce that applications are now being accepted for the Homebuyer Assistance Program. Are you buying a house in Gilroy? You may be eligible for downpayment assistance. Call 408-846-0242 for more information.

[Announcement](#)

[Application Packet](#)

City Hall Office Hours

City Hall Offices are open Monday through Thursday, effective Friday, April 23rd, 2010. The 1st and 3rd Fridays of the month are furlough days and there will be no employees at City Hall. On the 2nd and 4th Fridays of the month, staff will be working on projects and activities although city offices will not be accessible for public office hours. Some departments may arrange for appointments on the 2nd and 4th Fridays of the month. These appointments should be requested with the individual department. Field and emergency services personnel will function as normal on non-furlough Fridays.

LEAVES, LEAVES EVERYWHERE



RSS -- Council Agenda



Sign-up for the City's E-Newsletter

Email: Go

Dear Resident,

The City of Gilroy is collaborating with Santa Clara County to update our local hazard mitigation plan. This plan outlines mechanisms for increasing our community's resiliency to natural hazard events (earthquake, flood, wildfire, etc.).

[Hazard Mitigation](#) is defined as "sustained action taken to reduce or eliminate the long-term risk to human life and property from natural, human-caused, and technological hazards and their effects."

Our updated local hazard mitigation plan will be an annex to the regional plan titled "[Taming Natural Disasters: Multi-Jurisdictional Local Hazard Mitigation Plan for the San Francisco Bay Area](#)".

Your feedback is critical to increasing local resiliency. Please take a few moments to complete the brief survey at: <http://www.surveymonkey.com/s/2010SCCHMP>. (The survey will be available online through Saturday, January 15, 2011)

Please forward this message to fellow residents of Santa Clara County and incorporated cities. If you have any questions regarding the survey or opportunities to participate in the plan update, you may contact Corinne Bartshire at (510) 834-3326 or cbartshire@dewberry.com. We sincerely appreciate your time and cooperation in helping our community become more resilient.

Thank you for your participation!

Bartshire, Corinne

From: Bartshire, Corinne
Sent: Thursday, April 21, 2011 11:09 AM
To: rshackel@ci.gilroy.ca.us; kristi.abrams@ci.gilroy.ca.us
Cc: Bartshire, Corinne; Newman, Janna
Subject: City of Gilroy Hazard Mitigation Plan: Available for Public Review

Dear Community Member,

On behalf of the City of Gilroy, I am pleased to invite you to download and review the Public Review Draft of the **Santa Clara County Hazard Mitigation Plan 2011 Update and City of Gilroy Annex**. Input from you or your organization will be invaluable to increasing disaster resiliency in our community.

Hazard Mitigation Plan Review DRAFT:

<http://www.sccgov.org/portal/site/oes/agencychp?path=%2Fv7%2FEmergency%20Services%2C%20Office%20of%20%28DEP%29%2FLHMP>

Please take a moment to visit the Santa Clara County Office of Emergency Services website at <http://www.sccgov.org/portal/site/oes/> (click on the LHMP link on the left hand side) and download the Public Review Draft. This plan is a countywide plan developed in partnership with 13 participating cities and representatives from the private sector. It will be added to the regional plan titled "*Taming Natural Disasters: Multi-Jurisdictional Local Hazard Mitigation Plan for the San Francisco Bay Area*" which may be viewed at <http://quake.abag.ca.gov/mitigation/>.

The purpose of the plan is to identify hazard threats to Santa Clara County and prioritize methods for reducing risks of future damage through specific mitigation actions. Preparation of this plan with approval from the California Emergency Management Agency (Cal EMA) and Federal Emergency Management Agency (FEMA) enables the County and participating jurisdictions to apply for mitigation grant funds per the Disaster Mitigation Act of 2000. You can read more information about this program and mitigation grant funding on the Cal EMA Hazard Mitigation Portal (<http://hazardmitigation.calema.ca.gov/>).

The review draft has been submitted to Cal EMA and is undergoing review for compliance with the Disaster Mitigation Act of 2000. Upon receiving Cal EMA & FEMA's comments we will prepare a final plan update for adoption by the City Council. At this time, we welcome comments from interested agencies and the general public.

Comments/suggestions for improvement may be submitted directly to me at the contact information below. **Comments submitted before May 31, 2011 will be reviewed and integrated into the final plan for adoption, as appropriate.** Comments submitted after that date will be recorded for future updates to the plan.

You are welcome to forward this message to fellow residents, businesses, and community members of the City of Gilroy. We sincerely appreciate your time and cooperation in helping our community become more resilient.

Thank you for your participation!

Corinne Bartshire, AICP, CFM
Hazard Mitigation Planner
Dewberry
1410 Rocky Ridge Road, Suite 305
Roseville, CA 95661
cbartshire@dewberry.com
916.380.3776 (office) **NEW PHONE NUMBER!**
805.441.5591 (mobile)
916.380.3750 (fax)
www.dewberry.com

This message sent to *PublicReviewDraft_DistributionList.docx*

12.7.2 Gilroy Attachment 2: Gilroy Strategies 2010

The City of Gilroy participated in ABAG's revision of the regional strategies for development of this annex. Appendix G of Taming Natural Hazards presents a summary list of mitigation strategies with regional priorities and the hazards mitigated. The City ranked those strategies in a spreadsheet provided by ABAG. This is a summary of those rankings.

JURISDICTION: Gilroy

Strategy	Priority	Responsible Agency or Department	Comments
ECON-a-1	Existing		
ECON-a-2	Existing Underfunded		
ECON-b-1	Existing		
ECON-b-2	Existing		
ECON-b-3	Moderate		
ECON-b-4	High		
ECON-b-5	High		
ECON-b-6	Moderate		
ECON-b-7	High		
ECON-b-8	Moderate		
ECON-b-9	Under Study		
ECON-c-1	Existing		
ECON-c-2	Existing Underfunded		
ECON-c-3	Existing Underfunded		
ECON-c-4	Existing		
ECON-d-1	Existing Underfunded		
ECON-d-2	Existing		
ECON-d-3	Existing Underfunded		
ECON-e-1	Existing		
ECON-e-2	Existing		
ECON-e-3	Existing		
ECON-e-4	Existing		
ECON-e-5	Existing		
ECON-e-6	Existing Underfunded		
ECON-e-7	Existing Underfunded		
ECON-e-8	Existing Underfunded		
ECON-e-9	Existing		
ECON-e-10	Existing		
ECON-e-11	Moderate		
ECON-e-12	Existing		
ECON-e-13	Existing Underfunded		
ECON-f-1	Existing		
ECON-f-2	Existing		
ECON-f-3	Existing		
ECON-f-4	Existing		
ECON-f-5	Existing		
ECON-f-6	Existing		
ECON-f-7	Existing		
ECON-f-8	Moderate		
ECON-f-9	Existing		
ECON-g-1	Existing		
ECON-g-2	Existing Underfunded		
ECON-h-1	Existing		
ECON-h-2	Existing		
ECON-h-3	Existing Underfunded		
ECON-i-1	Existing Underfunded		
ECON-i-2	Existing Underfunded		
ECON-i-3	Existing Underfunded		
ECON-i-4	Existing Underfunded		
ECON-i-5	Existing		
ECON-i-6	Existing Underfunded		
ECON-i-1	Existing		
ECON-i-2	Existing Underfunded		
ECON-i-3	Existing Underfunded		
ECON-i-4	Existing Underfunded		
ECON-i-5	Existing Underfunded		
ECON-i-6	Existing Underfunded		
ECON-i-7	Existing		
ECON-i-8	Existing		
ECON-i-9	Existing Underfunded		
ECON-i-10	Existing Underfunded		
ECON-i-11	Existing Underfunded		
ECON-i-12	Under Study		
ECON-i-13	Existing		
EDUC-a-1	Moderate	GILROY UNIFIED SCHOOL DISTRICT	ALTHOUGH THESE ARE GILROY UNIFIED SCHOOL DISTRICT RESPONSIBILITIES, AS THE SCHOOLS ARE COMMUNITY SHELTERING LOCATION DURING EMERGENCIES, THE CITY HAS A VESTED INTERESTED IN ENSURING THAT THE FACILITIES WILL BE FUNCTIONAL DURING AN EMERGENCY.
EDUC-a-2	Moderate	GILROY UNIFIED SCHOOL DISTRICT	ALTHOUGH THESE ARE GILROY UNIFIED SCHOOL DISTRICT RESPONSIBILITIES, AS THE SCHOOLS ARE COMMUNITY SHELTERING LOCATION DURING EMERGENCIES, THE CITY HAS A VESTED INTERESTED IN ENSURING THAT THE FACILITIES WILL BE FUNCTIONAL DURING AN EMERGENCY.

EDUC-a-3	Moderate	GILROY UNIFIED SCHOOL DISTRICT	ALTHOUGH THESE ARE GILROY UNIFIED SCHOOL DISTRICT RESPONSIBILITIES, AS THE SCHOOLS ARE COMMUNITY SHELTERING LOCATION DURING EMERGENCIES, THE CITY HAS A VESTED INTERESTED IN ENSURING THAT THE FACILITIES WILL BE FUNCTIONAL DURING AN EMERGENCY.
EDUC-a-4	n/a	GUSD	
EDUC-a-5	Existing	FIRE / OES	COOPERATING WITH SANTA CLARA COUNTY OFFICE OF EDUCATION TO INCORPERATE PRIVATE INSTITUTIONS TO PERFORM ASSESSMENT
EDUC-a-6	Moderate	GUSD	ALTHOUGH THESE ARE GILROY UNIFIED SCHOOL DISTRICT RESPONSIBILITIES, AS THE SCHOOLS ARE COMMUNITY SHELTERING LOCATION DURING EMERGENCIES, THE CITY HAS A VESTED INTERESTED IN ENSURING THAT THE FACILITIES WILL BE FUNCTIONAL DURING AN EMERGENCY.
EDUC-b-1	Existing	GUSD	THE AMERICAN RED CROSS INFORMED THE CITY THAT THEY HAVE AN ESTABLISHED MOU WITH THE GUSD
EDUC-b-2	Existing		Not applicable for a city
EDUC-b-3	Existing		Not applicable for a city
EDUC-c-1	Existing Underfunded	GUSD AND CITY OF GILROY FIRE DEPARTMENT PUBLIC EDUCATION PROGRAM	THE CITY'S PUBLIC EDUCATION SECTION OF FIRE DEPARTMENT WOULD CONDUCT EDUCATIONAL PROGRAMS WITH THE SCHOOLS. HOWEVER, THIS PROGRAM NO LONGER HAS FUNDING
EDUC-c-2	Existing Underfunded	GUSD AND THE CITY'S EMERGENCY OPERATION CENTER STAFF	THE CITY'S PUBLIC EDUCATION SECTION OF FIRE DEPARTMENT WOULD CONDUCT EDUCATIONAL PROGRAMS WITH THE SCHOOLS. HOWEVER, THIS PROGRAM NO LONGER HAS FUNDING. HOWEVER, BOTH THE SCHOOL DISTRICT AND THE CITY PARTICIPATE IN ANNUAL COUNTY WIDE EMERGENCY OPERATIONS TRAINING
EDUC-c-3	Existing	GUSD AND GILROY FIRE DEPARTMENT	THE CITY HAS AN EXISTING CERT PROGRAM IN PLACE. THE CITY WILL CONTACT THE GUSD TO SEE IF THERE IS AN INTEREST FROM THEIR STAFF
EDUC-c-4	NYC		
EDUC-c-5	Existing	GUSD, GILROY FIRE DEPARTMENT AND GAVILAN COMMUNITY COLLEGE DISTRICT	THE CITY HAS AN EXISTING CERT PROGRAM IN PLACE. THE CITY WILL CONTACT THE GUSD AND GAVILAN COLLEGE DISTRICT TO SEE IF THERE IS INTEREST.
EDUC-c-6	n/a	GUSD	
EDUC-c-7	n/a	GUSD	
EDUC-d-1	Existing	GUSD AND CITY OF GILROY FIRE DEPARTMENT PUBLIC EDUCATION PROGRAM	THE CITY'S PUBLIC EDUCATION SECTION OF FIRE DEPARTMENT WOULD CONDUCT EDUCATIONAL PROGRAMS WITH THE SCHOOLS. HOWEVER, THIS PROGRAM NO LONGER HAS FUNDING
EDUC-d-2	n/a	GUSD AND SCCOE	
ENVI-a-1	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS AND ENVIRONMENTAL (CEQA) PROCESS
ENVI-a-2	Existing	COM DEV AND SCVWD	ACCOMPLISHED DURING THE DEVELOPMENT REVIEW PROCESS. THE CITY PARTICIPATED IN A COLLABRATIVE EFFORT WITH THE SCVWD AND OTHER LOCAL AGENCIES TO ADOPT STRATEGIES FOR WATERSHED PROTECTION WITH ENVIRONMENTAL PROGRAMS AND NEW DEVELOPMENT.
ENVI-a-3	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS AND ENVIRONMENTAL (CEQA) PROCESS
ENVI-a-4	n/a		
ENVI-a-5	Existing	COM DEV AND SCVWD	ACCOMPLISHED DURING THE DEVELOPMENT REVIEW PROCESS. THE CITY PARTICIPATED IN A COLLABRATED EFFORT WITH THE SCVWD AND OTHER LOCAL AGENCIES TO DEVELOP STRATEGIES FOR WATERSHED PROTECTION WITH ENVIRONMENTAL PROGRAMS AND NEW DEVELOPMENT. RESOLUTION #
ENVI-a-6	Existing	COM DEV / ENG	THE CITY IS CURRENTLY IMPLEMENTING NPDES REQUIREMENTS UNDER THE STATEWIDE GENERAL PERMIT ADMINISTERED BY THE STATE WATER QUALITY BOARD. THE CITY IS SUBJECT TO NPDES PHASE II REQUIREMENTS AND HAS SUBMITTED A STORM WATER MANAGEMENT PLAN TO THE BOARD FOR APPROVAL.
ENVI-a-7	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS AND ENVIRONMENTAL (CEQA) PROCESS
ENVI-a-8	Existing	COMMUNITY DEVELOPMENT BUILDING, LIFE AND ENVIRONMENTAL SAFETY DIVISION (FIRE MARSHAL)	PER THE CITY'S CUPA PROGRAM (IMPLEMENTED BY ORDINANCE 86-10 AND THE CA FIRE CODE, WITH AMENDMENTS)
ENVI-a-9	Existing	COMMUNITY DEVELOPMENT BUILDING, LIFE AND ENVIRONMENTAL SAFETY DIVISION (FIRE MARSHAL)	GILROY IS A CUPA CERTIFIED AGENCY
ENVI-a-10	Existing	COM DEV AND CS	CITY'S HAZ/MAT PROGRAM IS ADMINISTERED THROUGH THE FIRE MARSHAL'S OFFICE AND ENVIRONMENTAL PROGRAMS ADMINISTERED THROUGH THE CDP. BOTH INVOLVE PUBLIC EDUCATION AND ANNUAL HAZARDOUS MATERIALS COLLECTION EVENTS.
ENVI-a-11	Under Study		
ENVI-a-12	Existing	CS AND SCVWD	ANNUAL MAINTENANCE PROGRAM
ENVI-a-13	Existing	COM DEV AND SCVWD	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS, ENVIRONMENTAL (CEQA) PROCESS, WATER DISTRICT REQUIREMENTS PERMITTING REQUIREMENTS AND COMPLIANCE WITH THE STATEWIDE GENERAL NPDES PERMIT
ENVI-b-1	High	COM DEV	RECEIVED FEDERAL STIMULUS MONEY TO DEVELOP AN ACTION PLAN
ENVI-b-2	High	COM DEV	RECEIVED FEDERAL STIMULAS MONEY TO DEVELOP AN ACTION PLAN
ENVI-b-3	Existing	COM DEV	GEN PLAN AND ZONING ORDINANCE
ENVI-b-4	High		
ENVI-b-5	NYC		
ENVI-b-6	Moderate		
ENVI-b-7	Moderate		
ENVI-b-8	Existing	COM DEV	NEW CITY LIBRARY TO BE CONSTRUCTED TO LEED GOLD PLUS
ENVI-b-9	Existing		ALL DIESEL VEHICLES HAVE BEEN CONVERTED TO BIO-DIESEL. CITY POLICY TO REDUCE FLEET AND BUILD MORE EFFICIENT VEHICLES
ENVI-b-10	Existing		
ENVI-b-11	Existing Underfunded	COM SERV	EXISTING PROGRAM NO LONGER FUNDED
ENVI-b-12	Existing	COM SERV	

ENVI-b-13	Existing Underfunded	COM DEV	APPLIED FOR FEDERAL STIMULAS MONEY TO DEVELOP AN ACTION PLAN
ENVI-c-1	n/a		
ENVI-c-2	n/a		
ENVI-c-3	n/a		
GOVT-a-1	Moderate	COM DEV-ENG	EXISTING FIRE STATION
GOVT-a-2	High	COM DEV ENG	CHESTNUT FIRE STATION DEFICIENT. NO FUNDING TO MITIGATE.
GOVT-a-3	Existing	GILROY CENTRAL SAFETY COMMITTEE	GILROY CENTRAL SAFETY COMMITTEE- IMPLEMENTED THROUGH THE COMPREHENSIVE FACILITIES SAFETY INSPECTION PERFORMED IN 2004 AS PART OF THE CITY'S INJURY AND ILLNESS PREVENTION PLAN (OSHA MANDATED)
GOVT-a-4	Existing	GILROY CENTRAL SAFETY COMMITTEE	GILROY CENTRAL SAFETY COMMITTEE- IMPLEMENTED THROUGH THE COMPREHENSIVE FACILITIES SAFETY INSPECTION PERFORMED IN 2004 AS PART OF THE CITY'S INJURY AND ILLNESS PREVENTION PLAN (OSHA MANDATED)
GOVT-a-5	Existing	GILROY CENTRAL SAFETY COMMITTEE	GILROY CENTRAL SAFETY COMMITTEE, WHICH HAS MULTIDEPARTMENT REPRESENTATION
GOVT-a-6	Under Study		
GOVT-a-7	Existing	COM DEV / ENG	STANDARD OPERATING PROCEDURE
GOVT-a-8	n/a		City does not own dams
GOVT-a-9	Moderate		
GOVT-a-10	Existing	COM DEV	IMPOSED DURING REVIEW PROCESS, ENVIRONMENTAL (CEQA) REVIEW, AND BUILDING PERMIT PROCESSES
GOVT-a-11	Existing	COM DEV DEP.	IMPOSED DURING REVIEW PROCESS, ENVIRONMENTAL (CEQA) REVIEW, AND BUILDING PERMIT PROCESSES
GOVT-a-12	Existing	COM DEV / BLES	STANDARD OPERATING PROCEDURE/ PART OF CODE REQUIRED CHANGE OF OCCUPANCY UPGRADE
GOVT-a-13	Existing	COM DEV / BLES	ORD. 2008
GOVT-b-1	Existing	GILROY EMERGENCY OPERATIONS CENTER (EOC)	THE EMERGENCY OPERATIONS PLAN DEFINES ROLES/RESPONSIBILITIES AND PROVIDES THE STRUCTURE FOR POLICY/DECISION MAKING IN AN EMERGENCY
GOVT-b-2	Existing Underfunded	GILROY EMERGENCY OPERATIONS CENTER	PROVIDED VIA THE CITY'S EMERGENCY OPERATIONS PLAN
GOVT-b-3	Existing	GILROY EMERGENCY OPERATIONS CENTER	PROVIDED VIA THE CITY'S EMERGENCY OPERATIONS PLAN
GOVT-b-4	Existing	FINANCE / IT	IMPLEMENTED VIA OFF-SITE SERVERS
GOVT-b-5	Under Study		
GOVT-c-1	High		
GOVT-c-2	High		
GOVT-c-3	Existing	FIRE	CERT TRAINING AVAILABLE TO ALL EMPLOYEES
GOVT-c-4	Existing	ALL CITY DEPARTMENTS	ANNUAL OPERATING AND CAPITAL BUDGET PREPARATION PROCESS AND FACILITY MASTER PLANS (POLICE, FIRE, GENERAL ADMINISTRATION) THAT ARE UPDATED EVERY FIVE YEARS
GOVT-c-5	Existing	ALL CITY DEPARTMENTS	ANNUAL OPERATING AND CAPITAL BUDGET PREPARATION PROCESS AND FACILITY MASTER PLANS (POLICE, FIRE, GENERAL ADMINISTRATION) THAT ARE UPDATED EVERY FIVE YEARS
GOVT-c-6	Existing Underfunded	FIRE AND POLICE DEPARTMENTS	STANDARD OPERATING PROCEDURES. PD LOOKING FOR FUNDING FOR PPE.
GOVT-c-7	Existing Underfunded	FIRE DEPARTMENT LIAISON	SANTA CLARA COUNTY MUTUAL AID INTEROPERABILITY PLAN
GOVT-c-8	Existing	POLICE DEPARTMENT	IMPLEMENTED WITH NEW POLICE STATION
GOVT-c-9	High	FIRE / POLICE	MONTHLY EMERGENCY OPERATIONS CENTER TRAINING AND ANNUAL COUNTYWIDE SEMS (STANDARIZED EMERGENCY MANAGEMENT SYSTEM) TRAINING
GOVT-c-10	Existing	FIRE / POLICE	MONTHLY EMERGENCY OPERATIONS CENTER TRAINING AND ANNUAL COUNTYWIDE SEMS (STANDARIZED EMERGENCY MANAGEMENT SYSTEM) TRAINING
GOVT-c-11	Existing	GILROY EOC / EMERGENCY MANAGEMENT SERVICES COORDINATOR (FIRE DEPARTMENT)	ANNUAL COUNTYWIDE REGIONAL TRAINING AND VIA SANTA CLARA COUNTY EMERGENCY MANAGERS ASSOCIATION (2010: PORT EXERCISE)
GOVT-c-12	Existing	GILROY EOC / EMERGENCY MANAGEMENT SERVICES COORDINATOR (FIRE DEPARTMENT)	MONTHLY EMERGENCY OPERATIONS CENTER TRAINING, ANNUAL COUNTYWIDE SEMS TRAINING, AND EOC SOP
GOVT-c-13	Existing	GILROY EOC / EMERGENCY MANAGEMENT SERVICES COORDINATOR (FIRE DEPARTMENT)	ON-GOING BASIS VIA COUNTY-WIDE MUTUAL AID AND VARIOUS AUTOAID PROGRAMS
GOVT-c-14	Existing	GILROY EOC PUBLIC INFORMATION OFFICER AND SCC OES	CIEMS IMPLEMENTED
GOVT-c-15	Existing	GILROY EOC PUBLIC INFORMATION OFFICER AND SCC OES	CIEMS IMPLEMENTED
GOVT-c-16	Existing	COM DEV AND STREETS NAMING COMMITTEE	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS AND BUILDING PERMIT PROCESS
GOVT-c-17	Existing	GILROY FIRE DEPARTMENT COLLABORATION WITH THE CALIFORNIA DEPARTMENT OF FORESTRY	CALIFORNIA DEPARTMENT OF FORESTRY
GOVT-c-18	n/a		
GOVT-c-19	Moderate		
GOVT-c-20	Existing	COM DEV IN COLLABORATION WITH SANTA CLARA VALLEY WATER DISTRICT	SANTA CLARA VALLEY WATER DISTRICT (SCVWD) SOP'S. SCVWD NOTIFIES CITY ON RESERVOIR AND WATER RELEASE.
GOVT-c-21	NYC		
GOVT-c-22	Existing	GILROY EOC- EMERGENCY MANAGEMENT SERVICES COORDINATOR (FIRE)	IMPLEMENTED BY THE SANTA CLARA VALLEY WATER DISTRICT

		DEPARTMENT)	
GOVT-c-23	Existing	FIRE OES / CS	
GOVT-c-24	n/a		
GOVT-c-25	Existing	CS / RED CROSS / OES	PART OF EMERGENCY OPERATION PLAN
GOVT-d-1	Existing	GILROY EOC- EMERGENCY MANAGEMENT SERVICES COORDINATOR (FIRE DEPARTMENT)	SANTA CLARA COUNTY EMERGENCY MANAGERS ASSOCIATION AND SANTA CLARA VALLEY WATER DISTRICT
GOVT-d-2	Existing	GILROY EOC AND STATE OFFICE OF EMERGENCY SERVICES	COORDINATED VIA THE STATE OFFICE OF EMERGENCY SERVICES MUTUAL AID PROGRAM
GOVT-d-3	Existing	GILROY EOC AND COM DEV	MUTUAL AID PROGRAM, ANNUAL SANTA CLARA VALLEY WATER DISTRICT FLOOD PREPERATION TRAINING
GOVT-d-4	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS AND ENVIRONMENTAL (CEQA) PROCESS. REQUIRE PROCESSING OF CLOMR AND LOMRS
GOVT-d-5	Existing	COM DEV	PARTICIPATING MEMBER IN THE NATIONAL FLOOD INSURANCE PROGRAM COMMUNITY RATING SYSTEM
GOVT-d-6	Moderate		
GOVT-d-7	Existing	COM DEV BUILDING, LIFE AND ENVIRONMENTAL SAFETY DIVISION (FIRE MARSHAL)	IMPLEMETED PER THE CITY'S CUPA PROGRAM
GOVT-d-8	Existing	GILROY EOC AND COM DEV	ANNUAL STAFF TRAINING ADOPTED RES 2009-31 RESIDENTIAL SEISMIC PLAN SET AND VOLUNTARY RETROFITING PROGRAM
GOVT-d-9	Existing	GILROY EOC AND COM DEV	ANNUAL STAFF TRAINING
GOVT-d-10	Moderate		
GOVT-e-1	n/a		
GOVT-e-2	n/a		
HEAL-a-1	Existing Underfunded		
HEAL-a-2	Existing Underfunded		
HEAL-a-3	Existing		
HEAL-a-4	Existing		
HEAL-a-5	Existing Underfunded		
HEAL-a-6	Existing Underfunded		
HEAL-a-7	Existing		
HEAL-b-1	High		
HEAL-b-2	High		
HEAL-b-3	High		
HEAL-c-1	Existing		
HEAL-c-2	Existing		
HEAL-c-3	Existing		
HEAL-c-4	Existing		
HEAL-c-5	Existing		
HEAL-c-6	Existing		
HSNG-a-1	Moderate		
HSNG-a-2	Existing Underfunded		
HSNG-a-3	Existing		
HSNG-a-4	Under Study		
HSNG-b-1	Existing Underfunded		
HSNG-b-2	Existing		
HSNG-b-3	Existing		
HSNG-b-4	Existing		
HSNG-b-5	Existing		
HSNG-b-6	Moderate		
HSNG-b-7	Existing Underfunded		
HSNG-b-8	Moderate		
HSNG-b-9	Existing Underfunded		
HSNG-c-1	Existing		
HSNG-c-2	Existing		
HSNG-c-3	High		
HSNG-c-4	Existing Underfunded		
HSNG-c-5	High		
HSNG-c-6	Moderate		
HSNG-c-7	High		
HSNG-c-8	Moderate		
HSNG-c-9	Under Study		
HSNG-d-1	Existing		
HSNG-d-2	Existing Underfunded		
HSNG-d-3	Existing Underfunded		
HSNG-d-4	Existing		
HSNG-e-1	Existing Underfunded		
HSNG-e-2	Existing Underfunded		
HSNG-e-3	Existing		
HSNG-e-4	Existing Underfunded		
HSNG-f-1	Existing		
HSNG-f-2	Existing		

HSNG-g-1	Existing		
HSNG-g-2	Existing		
HSNG-g-3	Existing		
HSNG-g-4	Moderate		
HSNG-g-5	Existing		
HSNG-g-6	Existing		
HSNG-g-7	Existing		
HSNG-g-8	Existing	Underfunded	
HSNG-g-9	Existing	COM DEV BUILDING, LIFE AND ENVIRONMENTAL SAFETY DIVISION (FIRE MARSHAL)	IMPOSED DURING THE DEVELOPMENT, ENVIRONMENTAL REVIEW AND BUILDING PERMIT PROCESS. FIRE DEPT. POLICY REQUIRES THE DEFENSIBLE SPACE REQUIREMENTS THAT WE IMPLEMENT AS WELL
HSNG-g-10	NYC		
HSNG-g-11	NYC	COM DEV / ENG	NO RR. EVAIS REQUIRED IN NEW DEV BASED ON CITY STANDARDS. ORDINANCE NO. 2007-23
HSNG-g-12	Existing	COM DEV / BLES	
HSNG-g-13	Existing		
HSNG-g-14	Existing		
HSNG-g-15	Existing	CITY FIRE DEPT. ANG GILROY EMERGENCY SERVICES COORDINATOR	IMPLEMENTED THROUGH THE F.D. TARGET HAZARD PROGRAM (EVALUATES BUILDINGS USING CRITERIA SUCH AS AGE, CONSTRUCTION MATERIALS, HAZARDOUS CONDITIONS, ECT. AND CREATES AN INVENTORY LAYOUT AND DISCRIPTIONS, THAT ARE STORED ON THE FIRE ENGINES.)
HSNG-g-16	Existing	F.D.	F.D. AND FIRE MARSHAL STANDARD OPERATING PROCEDURES. FIRE ENGINE INSPECTIONS ARE CONDUCTED ON AN ANNUAL BASIS.
HSNG-g-17	Existing	COM DEV AND SCVWD	IMPOSE DURING THE DEVELOPMENT, ENVIRONMENTAL REVIEW AND BUILDING PERMIT PROCESSES. F.DEPT. POLICY. CA STATE LAW REQUIRES THE DEFENSIBLE SPACE REQUIREMENTS THAT WE IMPLEMENT AS WELL. IMPLEMENTED ALSO VIA SCVWD'S ANNUAL MAINTANANCE PROGRAM.
HSNG-g-18	Existing	COM DEV BUILDING, LIFE AND ENVIRONMENTAL SAFETY DIVISION	IMPOSED DURING THE LAND ENTITLEMENT AND BUILDING PERMIT PROCESSES (2001 CA BUILDING CODES)
HSNG-g-19	Moderate		
HSNG-g-20	NYC		
HSNG-h-1	Existing	COM DEV	A PARTICIPATING MEMBER IN THE NATIONAL FLOOD INSURANCE PROGRAM COMMUNITY RATING SYSTEM. NO FUNDING NECESSARY.
HSNG-h-2	Existing	COM DEV	ADDRESSED DURING THE LAND ENTITLEMENT, CEQA AND BUILDING PERMIT PROCESSES.
HSNG-h-3	Existing	COM DEV	IMPLEMENTED DURING THE BUILDING PERMIT AND LAND ENTITLEMENT PROCESSES VIA THE CITY'S IMPACT FEE PROGRAM
HSNG-h-4	Existing	C.S. AND FIRE DEPT.	STANDARD OPERATING PROCEDURES
HSNG-h-5	Existing	C.S. AND FIRE DEPT. AND SCVWD	PROVIDED VIA THE CITY WEB SITE, NEWSPAPER, SCVWD AND PUBLIC ACCESS CHANNEL
HSNG-h-6	Existing	COM DEV	IMPOSE DURING THE LAND ENTITLEMENT, CEQA AND BUILDING PERMIT PROCESSES (FLOODPLAIN MANAGEMENT ORD. NO. 98-17)
HSNG-h-7	Existing	COM DEV	IMPOSE DURING THE LAND ENTITLEMENT, CEQA AND BUILDING PERMIT PROCESSES (FLOODPLAIN MANAGEMENT ORD. NO. 98-17)
HSNG-h-8	Existing	COM DEV	IMPOSE DURING THE LAND ENTITLEMENT, CEQA AND BUILDING PERMIT PROCESSES (FLOODPLAIN MANAGEMENT ORD. NO. 98-17)
HSNG-h-9	NYC		
HSNG-h-10	NYC		
HSNG-i-1	Existing	COM DEV	IMPOSED DURING LAND ENTITLEMENT, CEQA AND BUILDING PERMIT PROCESSES. IN HILLSIDE AREAS (10% OR GREATER SLOPE, THE CITYIMPOSES THE HILLSIDE DEVELOPMENT GUIDELINES, WHICH REQUIRE PREPERATION OF SOILS, GEOLOGY REPORTS, SETBACKS FROM FAULT LINES AND AREAS SUBJECT TO EROSION, SEDIMENTATION, SOIL CREEP, ECT. HILLSIDE DEVELOPMENT GUIDELINES ARE A POLICY DOCUMENT. THEY ARE ADOPTED BY REFERENCE IN THE ZONING ORDINANCE 93-15
HSNG-i-2	NYC		
HSNG-j-1	Existing	COM DEV / BLES	ORD. 2008-08 ADOPTED SEPT. 11, 2008
HSNG-j-2	Existing	COM DEV / BLES	ORD. 2008-01 ADOPTED TO BUILDING CODE
HSNG-k-1	Moderate		
HSNG-k-2	Existing	Underfunded FIRE	PREVIOUS PROGRAM CUT BY FUNDING
HSNG-k-3	Moderate		
HSNG-k-4	NYC		
HSNG-k-5	Existing		
HSNG-k-6	Existing	Underfunded FIRE DEPT.	CERT PROGRAM IMPLEMENT VIA THE FIRE DEPT.
HSNG-k-7	Moderate		
HSNG-k-8	Existing	POLICE DEPT.	IMPLEMENTED VIA THE VOLUNTEER POLICING PROGRAM
HSNG-k-9	Moderate		
HSNG-k-10	Moderate		
HSNG-k-11	NYC		
HSNG-k-12	Moderate		
HSNG-k-13	NYC		
HSNG-k-14	Under Study		
HSNG-k-15	NYC	ADMIN	CITY WEB SITE DIRECTS USERS TO DISASTER RELATED MATERIAL WEBSITES
HSNG-k-16	Existing		
INFR-a-1	Existing	Underfunded	
INFR-a-2	Existing		
INFR-a-3	Existing		
INFR-a-4	Existing	Underfunded	
INFR-a-5	Existing		
INFR-a-6	Existing		

INFR-a-7	Existing		
INFR-a-8	Existing Underfunded		
INFR-a-9	Existing Underfunded		
INFR-a-10	Existing Underfunded		
INFR-a-11	Existing Underfunded		
INFR-a-12	Existing Underfunded		
INFR-a-13	Existing		
INFR-a-14	Existing		
INFR-a-15	Existing		
INFR-a-16	Existing Underfunded		
INFR-a-17	Existing		
INFR-a-18	Existing Underfunded		
INFR-a-19	Existing		
INFR-a-20	Existing Underfunded		
INFR-a-21	Existing Underfunded		
INFR-a-22	Existing Underfunded		
INFR-b-1	Existing Underfunded		
INFR-b-2	Existing Underfunded		
INFR-b-3	Existing		
INFR-b-4	Existing Underfunded		
INFR-b-5	Existing Underfunded		
INFR-b-6	Existing Underfunded		
INFR-b-7	Existing Underfunded		
INFR-b-8	Existing		
INFR-b-9	Existing		
INFR-b-10	Existing		
INFR-c-1	Existing Underfunded		
INFR-c-2	Existing Underfunded		
INFR-c-3	Existing Underfunded		
INFR-c-4	Existing		
INFR-c-5	Existing		
INFR-c-6	Existing		
INFR-c-7	Existing		
INFR-c-8	Existing Underfunded		
INFR-d-1	Existing Underfunded		
INFR-d-2	Existing Underfunded		
INFR-d-3	Existing Underfunded		
INFR-d-4	Existing		
INFR-d-5	Existing Underfunded		
INFR-d-6	Existing Underfunded		
INFR-d-7	Existing Underfunded		
INFR-d-8	Existing Underfunded		
INFR-d-9	Existing Underfunded		
INFR-d-10	Existing Underfunded		
INFR-d-11	Existing Underfunded		
INFR-d-12	Existing Underfunded		
INFR-d-13	Existing		
INFR-d-14	Existing Underfunded		
INFR-d-15	Existing Underfunded		
INFR-d-16	Existing		
INFR-d-17	Existing Underfunded		
INFR-d-18	Existing Underfunded		
INFR-e-1	Existing		
INFR-e-2	Existing		
INFR-f-1	Existing		
INFR-g-1	Existing		
INFR-g-2	Existing		
INFR-g-3	Existing		
INFR-g-4	Existing		
INFR-g-5	Existing		
INFR-g-6	Existing		
INFR-g-7	Existing		
LAND-a-1	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING ORDINANCE- ORDINANCE NO. 83-15)
LAND-a-2	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING ORDINANCE- ORDINANCE NO. 83-15)
LAND-a-3	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING ORDINANCE- ORDINANCE NO. 83-15)
LAND-a-4	NYC		
LAND-a-5	Existing	COM DEV	ORD. NO. 2008-01 ADOPTED CBC WHICH CITY APPLIES TO ALL STRUCTURES
LAND-a-6	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING

LAND-a-7	NYC		ORDINANCE- ORDINANCE NO. 83-15)
LAND-a-8	Existing	COM DEV	PER DEPARTMENT STANDARDS OPERATING PROCEDURES. IF STAFF IS NOT QUALIFIED IN THE DISCIPLINE, THE CITY CONDUCTS A THIRD PARTY, PEER REVIEW
LAND-b-1	Existing	COM DEV	IMPOSED DURING LAND ENTITLEMENT AND BUILDING PERMIT PROCESSES.(ORDINANCE 2008-01 AND 2008-02) ADOPTED THE 2007 CBC AND FIRE CODE
LAND-b-2	Existing		
LAND-c-1	Existing	COM DEV ANS SCVWD	IMPOSED DURING THE DEVELOPMENT REVIEW PROCESS AND ENVIRONMENTAL (CEQA) PROCESS
LAND-c-2	Existing	COM DEV	A PARTICIPATING MEMBER IN NATIONAL FLOOD INSURANCE PROGRAM COMMUNITY RATING SYSTEM. IMPLEMENTED BY THE CITY'S FLOODPLAIN MANAGEMENT ORDINANCE (ORD. NO. 98-17)
LAND-c-3	Existing	COM DEV AND SCVWD	IMPOSE DURING THE DEVELOPMENT REVIEW PROCESS AND ENVIRONMENTAL (CEQA) PROCESS
LAND-c-4	Existing	COM DEV	A PARTICIPATING MEMBER IN NATIONAL FLOOD INSURANCE PROGRAM COMMUNITY RATING SYSTEM. IMPLEMENTED BY THE CITY'S FLOODPLAIN MANAGEMENT ORDINANCE (ORD. NO. 98-17)
LAND-c-5	Existing	COM DEV	IMPOSED DURING INTITILMENT PROCESS
LAND-c-6	Very High		
LAND-d-1	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING ORDINANCE- ORDINANCE NO. 83-15)
LAND-d-2	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING ORDINANCE- ORDINANCE NO. 83-15)
LAND-d-3	Existing	COM DEV	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE ZONING ORDINANCE- ORDINANCE NO. 83-15)
LAND-d-4	Existing	COM DEV IN COLLABORATION WITH SCVWD	IMPOSED DURING THE DEVELOPMENT REVIEW, ENVIRONMENTAL (CEQA), BUILDING PERMIT PROCESSES, AND VIA THE HILLSIDE DEVELOPMENT GUIDELINES (REFERENCE IN THE STATEWIDE GENERAL NPDES PERMIT AND COMPLIANCE WITH SCVWD PERMITTING REQUIREMENTS.
LAND-d-5	Existing	COM DEV	ADDRESSED IN HILLSIDE DEVELOPMENT GUIDELINES (REFERENCED IN THE ZONING ORDINANCE, ORDINANCE NO. 83-15)
LAND-e-1	Existing	FIRE DEPARTMENT AND COM DEV	IMPOSED DURING THE DEVELOPMENTAL, ENVIRONMENTAL REVIEW AND BUILDING PERMIT PROCESS. FIRE DEPT. POLICY. CA STATE LAW REQUIRES THE DEFENSIBLE SPACE REQUIREMENTS THAT WE IMPLEMENT AS WELL.
LAND-e-2	Existing	COM DEV	ADDRESSED IN THE HILLSIDE DEVELOPMENT GUIDELINES, WHICH REQUIRE MITIGATION FOR SLOPES 10% AND GRATER (REFERANCE IN THE ZONING ORDINANCE,ORDINANCE NO. 83-15)
LAND-f-1	NYC		
LAND-f-2	NYC		
LAND-f-3	Existing		FEE ELIM URM SPECIFIC PLAN
LAND-f-4	Existing	COM DEV	IMPOSED DURING DEVELOPMENT REVIEW AND ENVIRONMENTAL (CEQA) PROCESS VIA THE FLOODPLAIN MANAGEMENT ORDINANCE, HILLSIDE DEVELOPMENT GUIDELINES, AND OUTSIDE AGENCY REQUIREMENTS. HABITAT CONSERVATION PROGRAMINCLUDES NOW GOVERNMENTAL ORGANIZATIONS AND WILL COVER SOME HAZARD AREAS BY DEFAULT
LAND-f-5	Moderate		
LAND-g-1	Under Study		

Source: Association of Bay Area Governments, 2009.

12.7.3 Gilroy Attachment 3: July 2010 Planning Current Project List

The City's July 2010 Planning Current Project List includes many projects relevant to hazard mitigation such as development of a climate action plan, habitat conservation plan, and updates to the zoning ordinance.

PLANNING CURRENT PROJECT LIST						Updated: July 21, 2010				
Date Filed	Project #	File #	Applicant	Description	Location	PC Meeting	CC Meeting	Planner	Status	CEQA
Projects Involving Multiple Applications										
Apr-09	09040004	AHE 09-01	CW Development Co.	96-lot affordable housing exemption	459 Bolsa Road	Sep-10		SK	In Process	EIR
Apr-09	09040002	GPA 09-01	CW Development Co.	Gen Serv to Residential	459 Bolsa Road	Sep-10		SK	In Process	EIR
Apr-09	09040003	Z 09-03	CW Development Co.	Zone Change OS to R1	459 Bolsa Road	Sep-10		SK	In Process	EIR
Apr-09	09040010	CUP 09-02	CW Development Co.	349-unit res subdivision	459 Bolsa Road	Sep-10		SK	In Process	EIR
Aug-04	04100020	AS 04-62	Machado	Industrial Design Guidelines	NE corner Camino Arroyo	Sep-10	Sep-10	MAD	In Process	EIR
Aug-04	04100018	TM 04-15	Machado	16-lot Industrial/Commercial	NE corner Camino Arroyo	Sep-10	Sep-10	MAD	In Process, Preparation	EIR
Aug-08	08040017	TM 08-01	Mark Hewell	19 Commercial lots	5350 Bolsa Rd			SK	In Process	IS-NDEC
Aug-08	08040014	Z 08-01	Mark Hewell	Zone Change OS - CM	5350 Bolsa Rd			SK	In process	IS-NDEC
Oct-09	09100021	Z 09-06	Vince Fortino	Zone Change OS -CM	5400 Monterey Rd			SK	In Process	IS-NDEC
Nov-08	08110005	CUP 08-10	AT&T Mobility	CUP permit for existing facilities	2256 Periwinkle Dr			DB	Incomplete Application	X
Nov-08	08110004	AS 08-35	AT&T Mobility	AS permit for existing facilities	2256 Periwinkle Dr			DB	Incomplete Application	X
Nov-07	07110018	M 07-05	Luchessa LLC	Oak Creek DA	SW co Monterey & Luchessa			KA	On Hold	X
Nov-07	07110010	TM 07-11	Luchessa LLC	196 residential lots	SW co Monterey & Luchessa			MAD	Incomplete	EIR
Mar-10	10030022	AHE 10-02	South County Housing	26 studio apts.	9389 Monterey	Sep-10	Sep-10	SK	In Process	Prev IS-NDEC
Mar-10	10030023	A/S 10-04	South County Housing	26 studio apts.	9389 Monterey	Sep-10	Sep-10	SK	In Process	Prev IS-NDEC
Apr-10	10040006	TM 10-01	PSI Development	14 lot subdivision	9060 and 9070 Kern Avenue			MAD	In Process	X
Apr-10	10040007	A/S 10-06	PSI Development	14 Single family homes	9060 and 9070 Kern Avenue			MAD	In Process	X
Mar-05	05030012	TM 05-04	Gill Properties (Country E	95 residential lots	Bluebell Dr/Country Dr.			SK	Incomplete	EIR
Apr-10	10040010	Z-10-02	Gill Properties	Zone change from RH to RH-PUD	Bluebell Dr/Country Dr.			SK	Incomplete	Sub EIR
Jun-09	09060027	TM 09-01	Rancho Meadows	TM to create 34 R1 lots	Rodeo Drive/Sprig Way			MAD	In Process	IS-NDEC
May-10	10040003	AS 10-08	Martin & Barbara Seiler	3-story mixed use building	66 Third Street			MAD	In Process	X
May-10	10050008	TM 10-02	Barbara Seiler	9 condominium units	66 Third Street			MAD	In Process	X
Jul-10	10070022	AS 10-15	The James Group	51 unit res subdivision	9425 Monterey Street			SK		IS-NDEC
Jul-10	10070021	TM 10-03	The James Group	51 unit res subdivision	9425 Monterey Street			SK		IS-NDEC

PLANNING CURRENT PROJECT LIST						Updated: July 21, 2010				
Date Filed	Project #	File #	Applicant	Description	Location	PC Meeting	CC Meeting	Planner	Status	CEQA
Projects Involving Single Applications										
Nov-08	08110013	AS 08-36	S C Community Builders	Design review of Harvest Park Apart's	Monterey and Cohansey			MAD	In Process	IS-NDEC
Jul-09	09070001	AS 09-09	GPS/Paul Farmer	80,906 sq.ft. medical office bldg.	Las Animas & San Ysidro Ave.			MAD	In Process	IS
Dec-09	09120002	AS 09-04	City of Gilroy	Improvements for temp library	7652 Monterey Street			MAD	In Process	X
Jan-10	10010013	AS 10-01	Paul Dhanens	Addition and Tenant Improvement	8800 San Ysidro			MAD	In Process	X
Feb-10	10020011	AS 10-02	De La Torre	Commercial building	6951 Monterey			MAD	In Process	X
Mar-10	10030008	A/S 10-03	Mena Architects (Mi Pu	T.I. in Exiting Retail	727 First Street			MAD	In Process	X
Apr-10	10040001	AS 10-05	Pacific Coast Iron & Me	Modular for a Junkyard	320-340 Obata Ct			MAD	Incomplete	X
Apr-10	10040027	AS 10-07	City of Gilroy	New Library	7387 Rosanna St			MAD	APPROVED	X
May-10	10050005	AS 10-09	VMI Architecture/P. Mo	Remodel existing Taco Bell	380 E. Tenth Street			KCR	APPROVED	X
May-10	10050020	RDO-HE	The James Group	RDO exemption for 51-residential units	9135 Monterey Street	Jul-10	Jul-10	MAD	APPROVED	X
Jun-10	10060009	AS 10-10	Joel Goldsmith	Addition to home and new pool house	8321 Peppergrass Ct			KCR	In Process	X
Jun-10	10060019	AS 10-11	KB Homes/Talli Robinson	Revise Architectural & Site plans	Ronan Avenue	Jul-10	Sep-10	MAD	In Process	X
Jul-10	10070003	AS 10-12	DZ Design	New Single Family Home	8545 Shooting Star Ct			KCR	In Process	X
Jul-10	10070006	AS 10-13	MCG Architecture	Commercial Remodel/Addition	333 E Tenth Street			KCR	In Process	X
Jul-10	10070019	HE 10-01	Duffy & Guenther, LLP	RDO exemption for 30-residential units	1000 Mesa Road			MAD	In Process	IS-NDEC
City Initiated Applications & Special Projects										
Aug-08	08040033	M 08-03	City	Condo Conversion Policy				DB	In Process	X
Dec-09	08120019	Z 08-06	City	Update ZO Sec 35 with CA Gov't Code Sec 65964b				DB	In Process	X
		M 06-05	City	RDO Nhood. District Revision				DB	Not begun	
			City	Habitat Conservation Plan				SK	In Process	EIR
Dec-09		M 08-06	City	Three Trails Initial Study	Uvas /Lions Creek, Wren - Kern			MAD	In Process	IS
Sep-09	09090009	M 09-03	City	Zoning Ordinance Update				MAD	In Process	X
Jun-10	10060024	Z 10-04	City	Text Amend to Sec 31 re: Downtown parking				DB	In Process	X
May-10			City	Climate Action Plan				SK	In Process	
Inactive Projects										
Oct-05	06050001	M 06-08	City	Residential PUD Amenity Policy				MAD	On hold per CC	X

PLANNING CURRENT PROJECT LIST

Updated: July 21, 2010

Planning Applications

A = Annexation

AS = Architectural & Site

AHE = Affordable Housing Exemption

CUP = Conditional Use Permit

DSPE = Downtown Specific Plan Exemption

GPA = General Plan Amendment

M = Miscellaneous

MD = Minor Deviation

RDO = Residential Development Ordinance

SPE = Small Project Exemption

TM = Tentative Map

USA = Urban Service Area Amendment

V = Variance

Z = Zone Change

EIR = Environmental Impact Report

IS-NDEC = Initial Study-Negative Declaration

X = Exempt from CEQA (California Environmental Quality Act)

EIR = Environmental Impact Report

IS-NDEC = Initial Study-Negative Declaration

X = Exempt from CEQA (California Environmental Quality Act)

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NEW PROJECTS

12.7.4 Gilroy Attachment 4: Gilroy Exposure Analysis

This list includes all information on Gilroy's critical facilities and identifies which of the City's critical facilities are located in the mapped hazard areas.

ID	Critical Facility	Address	Type	Occupancy	Own/Lease	Structure Type
1	BOOSTER PUMP #1	1753 RANCHO HILLS CT	utility	N/A	own	Reinforced masonry with flexible floor and roof
2	MUSEUM	195 FIFTH STREET	cultural value	20	own	Unreinforced masonry bearing-wall buildings
3	BOOSTER PUMP #2	2116 MANTELLI DRIVE	utility	N/A	own	Reinforced masonry with flexible floor and roof
4	BOOSTER PUMP #3	2145 COUNTRY DRIVE	utility	N/A	own	Reinforced masonry with flexible floor and roof
5	RESERVOIR	2256 PERIWINKLE DRIV	utility	N/A	own	TANK
6	WHEELER AUDITORIUM	250 WEST SIXTH ST	Assembly	300	own	Concrete shear wall
7	GOLF COURSE/MAINT.	2695 HECKER PASS HWY	Assembly	N/A	own	Light metal frame
8	GOLF/CART/STGE	2695 HECKER PASS HWY	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
9	GOLF/CLUB OFFICE	2695 HECKER PASS HWY	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
10	GOLF/CLUB HOUSE	2695 HECKER PASS HWY	Assembly	N/A	own	MH
11	GOLF COURSE/RENTA	2695 HECKER PASS HWY	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
12	GOLF COURSE/CART	2695 HECKER PASS HWY	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
13	Las Animas Prk Oaks Restroom	400 MANTELLI DRIVE	Assembly	10	own	Light wood-frame building<= 5,000 SQFT
14	Las Animas Equip. BLDG	400 MANTELLI DRIVE	Assembly	10	own	Light metal frame
15	Las animas Main Rec Bldg	400 MANTELLI DRIVE	Assembly	40	own	Light wood-frame building<= 5,000 SQFT
16	Las Animas Rec Area Restroom	400 MANTELLI DRIVE	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
17	CONCESSION STAND	400 MANTELLI DRIVE	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
18	Las Animas Sml Rec. Bldg	400 MANTELLI DRIVE	Assembly	10	own	Light wood-frame building<= 5,000 SQFT
19	Corp Yard Water Wkshp/Storage	613 OLD GILROY ST	Storage/Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
20	Corp Yrd Storage/Wkshops	613 OLD GILROY ST	Wkshops/Assembly	N/A	own	Light metal frame
21	Corp Yrd Fleet Maintenance	613 OLD GILROY ST	Assembly	10	own	Light metal frame
22	New Corp Yard Admin	613 OLD GILROY ST	EOC	40	own	N/A
23	WELL #2	660 FIRST STREET	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
24	WELL #4	695 9TH STREET	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
25	WELL #8	701 GILMAN ROAD	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
26	WELL #8A	701 GILMAN ROAD	utility	N/A	own	N/A
27	RANCH HOUSE/STGE	7049 MILLER AVENUE	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
28	Ranch Site Park TEEC Bldg	7049 MILLER AVENUE	Assembly	40	own	Light wood-frame building<= 5,000 SQFT
29	RANCH/TRL/OFFICE	7049 MILLER AVENUE	Assembly	15	own	MH
30	RANCH BARN	7049 MILLER AVENUE	Assembly	N/A	own	Wood-frame building > 5,000 SQFT
31	Christmas Hill Park Mulberry Restroom Old	7050 MILLER AVENUE	Assembly	N/A	own	Reinforced masonry with flexible floor and roof
32	Christmas Hill Park Mulberry Restroom New	7050 MILLER AVENUE	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
33	Christmas Hill Park Snack Bar	7050 MILLER AVENUE	Assembly	N/A	own	Reinforced masonry with flexible floor and roof
34	Christmas Hill ParkAmpitheater Restroom	7050 MILLER AVENUE	Assembly	N/A	own	Reinforced masonry with flexible floor and roof
35	Christmas Hill Park Maintenance Bldg	7050 MILLER AVENUE	Assembly	10	own	Light metal frame
36	FIRE STATION (Chestnut)	7070 CHESTNUT ST	first response/dispatch	20	own	Wood-frame building > 5,000 SQFT
37	TRAIN DEPOT	7170 MONTEREY ST.	Assembly	30	own	Light wood-frame building<= 5,000 SQFT
38	NEW CITY HALL	7351 ROSANNA ST.	first response/dispatch	90	own	Wood-frame building > 5,000 SQFT
39	CITY HALL ANNEX	7370 ROSANNA STREET	EOC	90	own	Reinforced masonry with flexible floor and roof
40	SENIOR CENTER - Shelter	7371 HANNA STREET	emergency shelter	200	own	Wood-frame building > 5,000 SQFT
41	OLD CITY HALL - Historic	7400 MONTEREY STREET	historic structure	150	own	Unreinforced masonry bearing-wall buildings
42	YOUTH CENTR GYM - Shelter	7400 RAILROAD STREET	emergency shelter	30	own	Concrete moment-resisting frame
43	YOUTH CENTR RECR - Shelter	7400 RAILROAD STREET	emergency shelter	30	own	Steel frame with unreinforced masonry infill
44	YOUTH CENTR OFFICE	7400 RAILROAD STREET	Assembly	50	own	Steel frame with unreinforced masonry infill
45	San Ysidro Park Bldg/Restrooms	7700 MURRAY AVE	Assembly	N/A	own	Light wood-frame building<= 5,000 SQFT
46	WELL #1	7782 MONTEREY STREET	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
47	WELL #7	7810 ARROYO CIRCLE	utility	N/A	own	Light wood-frame building<= 5,000 SQFT

ID	Critical Facility	Address	Type	Occupancy	Own/Lease	Structure Type
48	WELL #5	8295 MURRAY & LEAVESLEY	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
49	FIRE STATION (Las Animas)	8383 WREN AVENUE	first response/dispatch	N/A	own	Light wood-frame building<= 5,000 SQFT
50	WELL #6	8552 BREM LANE	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
51	Del Rey Park	9001 Calle Del Rey	Assembly	N/A	own	N/A
52	BOOSTER STN #5	CLUB DR & DORNOCH CT	utility	N/A	own	Light wood-frame building<= 5,000 SQFT
53	Forest St. Park Bldg	7321 Forest Street	Assembly	10	own	Reinforced masonry with flexible floor and roof
54	El Roble Park	7550Wren Ave.	Assembly	N/A	own	N/A
55	FIRE STATION (Sunrise)	880 Sunrise Dr.	first response/dispatch	40	own	Wood-frame building > 5,000 SQFT
56	Ascencion Solorsano Gym	7121 Grenache Way	Assembly	300	own	Tilt-up construction
57	ADMINISTRATION BLDG	1500 SOUTHSIDE DRIVE	Assembly	N/A	own	Waste water treatment plant
58	HEADWORKS FACILITY	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
59	E ELECTRICAL BLDG	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
60	SOLIDS PROC BLDG	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
61	CHEM STOR & FEED	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
62	W ELECTRICAL BLDG	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
63	SEPTAGE DISP FAC	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
64	OXIDATION DITCHES (2)	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
65	SECOND CLARIF (2)	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
66	HDWORKS ODOR SCR	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
67	RAS PUMP STATION	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
68	SOLIDS BLD ODOR SCR	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
69	PLANT DRAIN PUMP ST	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
70	EFFL PUMP STATION	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water lift station
71	TERT FILTERS (2) & FAC	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
72	BACKWASH BASIN	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
73	BKWSH & FILTER PMP S	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
74	CHLORINE CONT BASIN	1500 SOUTHSIDE DRIVE	utility	N/A	own	Waste water treatment plant
75	GAVILAN COL PMP S	5055 SANTA TERESA BL	utility	N/A	own	Waste water lift station
76	REC WTR BSTR PS	7049 MILLER AVENUE	utility	N/A	own	Waste water lift station
77	REC WTR RESERVOIR	2770 HOYLAKE CT.	utility	N/A	own	Water storage tank - buried concrete
78	POLICE HEADQUARTERS	7301 HANNA ST.	first response/dispatch	N/A	own	N/A

ID	Critical Facility	Structure Information	Irregularities-			
			Irregularities-Plan View	Vertical	Structural Assessment	Retrofit
1	BOOSTER PUMP #1	LARGE OPENINGS	Regular	Open	N/A	N/A
2	MUSEUM	Basement	Regular	Differenet size floors	N/A	N/A
3	BOOSTER PUMP #2	LARGE OPENINGS	Regular	Regular	N/A	N/A
4	BOOSTER PUMP #3	LARGE OPENINGS	Regular	Regular	N/A	N/A
5	RESERVOIR	ABOVE GROUND	N/A	N/A	N/A	N/A
6	WHEELER AUDITORIUM	OPEN GYM, ROUNDED ROOF	Regular	Differenet size floors	N/A	N/A
7	GOLF COURSE/MAINT.	LARGE CANOPY	Regular	Regular	N/A	N/A
8	GOLF/CART/STGE	SLIGHT L	Irregular Plan	Regular	N/A	N/A
9	GOLF/CLUB OFFICE	SLIGHT L	Irregular Plan	Regular	N/A	N/A
10	GOLF/CLUB HOUSE	N/A	Regular	Regular	N/A	N/A
11	GOLF COURSE/RENTA	N/A	Regular	Regular	N/A	N/A
12	GOLF COURSE/CART	N/A	Regular	Regular	N/A	N/A
13	Las Animas Prk Oaks Restroom	N/A	Regular	Regular	N/A	N/A
14	Las Animas Equip. BLDG	N/A	Irregular Plan	Regular	N/A	N/A

ID	Critical Facility	Structure Information	Irregularities-		Structural Assessment	Retrofit
			Irregularities-Plan View	Vertical		
15	Las animas Main Rec Bldg	N/A	Regular	Regular	N/A	N/A
16	Las Animas Rec Area Restroom	N/A	Regular	Regular	N/A	N/A
17	CONCESSION STAND	N/A	Regular	Regular	N/A	N/A
18	Las Animas Sml Rec. Bldg	N/A	Regular	Regular	N/A	N/A
19	Corp Yard Water Wkshp/Storage	MASONRY FACADE ONE SIDE	Regular	Regular	N/A	2003 to be demo'd
20	Corp Yrd Storage/Wkshops	CENTER HAS LG OPENINGS	Regular	Regular	N/A	2003 to be demo'd
21	Corp Yrd Fleet Maintenance	LOTS OF OPENINGS,OVERHANG	Regular	Regular	N/A	2003 to be demo'd
22	New Corp Yard Admin	N/A	Regular	Regular	N/A	N/A
23	WELL #2	N/A	Regular	Regular	N/A	N/A
24	WELL #4	N/A	Regular	Regular	N/A	N/A
25	WELL #8	N/A	Regular	Regular	N/A	N/A
26	WELL #8A	SAME BLDG AS WELL #8	Regular	Regular	N/A	N/A
27	RANCH HOUSE/STGE	COMPLEX L	Irregular Plan	Regular	N/A	N/A
28	Ranch Site Park TEEC Bldg	N/A	Regular	Regular	N/A	N/A
29	RANCH/TRL/OFFICE	TIE DOWNS	Regular	Regular	N/A	N/A
30	RANCH BARN	FNDATION/BOLTS/OPEN/Poor Condition	Regular	Regular	N/A	N/A
31	Christmas Hill Park Mulberry Restroom Old	N/A	Regular	Regular	N/A	N/A
32	Christmas Hill Park Mulberry Restroom New	N/A	Regular	Regular	N/A	N/A
33	Christmas Hill Park Snack Bar	N/A	Regular	Regular	N/A	N/A
34	Christmas Hill Park Ampitheater Restroom	N/A	Regular	Regular	N/A	N/A
35	Christmas Hill Park Maintenance Bldg	N/A	Regular	Regular	N/A	N/A
36	FIRE STATION (Chestnut)	IRREGULAR L	Irregular Plan	Regular	N/A	N/A
37	TRAIN DEPOT	JAGGED RECTANGLE	Regular	Regular	N/A	1998 Retrofitted
38	NEW CITY HALL	VERY COMPLEX	Irregular Plan	Regular	N/A	N/A
39	CITY HALL ANNEX	SLIGHT L-Added on 1987	Irregular Plan	Differenet size floors	N/A	N/A
40	SENIOR CENTER - Shelter	U-SHAPED	Irregular Plan	Regular	N/A	1985 Retrofitted
41	OLD CITY HALL - Historic	COMPLEX L, CLOCK TOWER	Irregular Plan	Differenet size floors	N/A	1996 Retrofitted
42	YOUTH CENTR GYM - Shelter	LG OPENINGS	Regular	Regular	N/A	N/A
43	YOUTH CENTR RECR - Shelter	L-SHAPED, LG OPENINGS	Regular	Regular	N/A	N/A
44	YOUTH CENTR OFFICE	N/A	Irregular Plan	Regular	N/A	N/A
45	San Ysidro Park Bldg/Restrooms	ARBORS ATTACHED, SLIGHT L	Irregular Plan	Regular	N/A	N/A
46	WELL #1	N/A	Regular	Regular	N/A	N/A
47	WELL #7	N/A	Regular	Regular	N/A	N/A
48	WELL #5	N/A	Regular	Regular	N/A	N/A
49	FIRE STATION (Las Animas)	N/A	Regular	Regular	N/A	N/A
50	WELL #6	N/A	Regular	Regular	N/A	N/A
51	Del Rey Park	N/A	Regular	Regular	N/A	N/A
52	BOOSTER STN #5	FAKE 2ND STORY	Regular	Regular	N/A	N/A
53	Forest St. Park Bldg	N/A	N/A	N/A	N/A	N/A
54	El Roble Park	N/A	N/A	N/A	N/A	N/A
55	FIRE STATION (Sunrise)	N/A	Regular	Regular	N/A	N/A
56	Ascencion Solorsano Gym	N/A	Regular	Regular	N/A	N/A
57	ADMINISTRATION BLDG	N/A	Regular	Regular	N/A	N/A
58	HEADWORKS FACILITY	N/A	Regular	Regular	N/A	N/A
59	E ELECTRICAL BLDG	N/A	Regular	Regular	N/A	N/A
60	SOLIDS PROC BLDG	EQUIP BOTH FLOORS	Regular	Regular	N/A	N/A

ID	Critical Facility	Structure Information	Irregularities-		Structural Assessment	Retrofit
			Irregularities-Plan View	Vertical		
61	CHEM STOR & FEED	OPEN EQUIP AREA	Regular	Regular	N/A	N/A
62	W ELECTRICAL BLDG	N/A	Regular	Regular	N/A	N/A
63	SEPTAGE DISP FAC	OPEN EQUIP AREA	Regular	Regular	N/A	N/A
64	OXIDATION DITCHES (2)	OPEN TANKS	Regular	Regular	N/A	N/A
65	SECOND CLARIF (2)	OPEN TANKS	Regular	Regular	N/A	N/A
66	HDWORKS ODOR SCR	OPEN EQUIP AREA	Regular	Regular	N/A	N/A
67	RAS PUMP STATION	EQUIP IN BASEMENT	Regular	Regular	N/A	N/A
68	SOLIDS BLD ODOR SCR	OPEN EQUIP AREA	Regular	Regular	N/A	N/A
69	PLANT DRAIN PUMP ST	N/A	Regular	Regular	N/A	N/A
70	EFFL PUMP STATION	ENCL TANKS & EQUIP	Regular	Regular	N/A	N/A
71	TERT FILTERS (2) & FAC	OPEN EQUIP AREA	Regular	Differenet size floors	N/A	N/A
72	BACKWASH BASIN	OPEN TANK	Regular	Regular	N/A	N/A
73	BKWSH & FILTER PMP S	TANKS & EQUIP AREA	Regular	Regular	N/A	N/A
74	CHLORINE CONT BASIN	OPEN TANK	Regular	Regular	N/A	N/A
75	GAVILAN COL PMP S	OPEN EQUIP AREA	Regular	Regular	N/A	N/A
76	REC WTR BSTR PS	N/A	Regular	Regular	N/A	N/A
77	REC WTR RESERVOIR	MOSTLY ABOVE GRD	Regular	Regular	N/A	N/A
78	POLICE HEADQUARTERS	N/A	N/A	N/A	N/A	N/A
ID	Critical Facility	Anchored Equipment	Alternate Power	Sprinklers	Roof Material	Year Built
1	BOOSTER PUMP #1	yes	yes	no	Tile Roof	1990
2	MUSEUM	yes	no	no	Built-up	1910
3	BOOSTER PUMP #2	yes	yes	no	Tile Roof	1992
4	BOOSTER PUMP #3	yes	yes	no	Tile Roof	1992
5	RESERVOIR	yes	yes	no	Steel	~1990
6	WHEELER AUDITORIUM	yes	no	no	Built-up	1950
7	GOLF COURSE/MAINT.	yes	no	no	Metal	1995
8	GOLF/CART/STGE	yes	no	no	Roll comp	1985
9	GOLF/CLUB OFFICE	yes	no	no	Built-up	1985
10	GOLF/CLUB HOUSE	yes	no	no	Comp shingles	1992
11	GOLF COURSE/RENTA	yes	no	no	Comp shingles	1990
12	GOLF COURSE/CART	yes	no	no	Roll comp	1985
13	Las Animas Prk Oaks Restroom	yes	no	no	Comp shingles	N/A
14	Las Animas Equip. BLDG	yes	no	no	Metal	1980
15	Las animas Main Rec Bldg	yes	no	no	Comp shingles	1975
16	Las Animas Rec Area Restroom	yes	no	no	Comp shingles	1975
17	CONCESSION STAND	yes	no	no	Comp shingles	1980
18	Las Animas Sml Rec. Bldg	yes	no	no	Comp shingles	1980
19	Corp Yard Water Wkshp/Storage	yes	no	no	tile	1980
20	Corp Yrd Storage/Wkshops	yes	no	no	Metal	1970
21	Corp Yrd Fleet Maintenance	yes	yes	yes	Metal	1970
22	New Corp Yard Admin	yes	yes	yes	Metal	1994
23	WELL #2	yes	yes	no	Comp shingles	1985
24	WELL #4	yes	yes	no	Comp shingles	2000
25	WELL #8	yes	yes	no	Comp shingles	1980
26	WELL #8A	yes	yes	no	Comp shingles	N/A
27	RANCH HOUSE/STGE	yes	no	no	N/A	1735

ID	Critical Facility	Anchored Equipment	Alternate Power	Sprinklers	Roof Material	Year Built
28	Ranch Site Park TEEC Bldg	yes	no	no	Comp shingles	1998
29	RANCH/TRL/OFFICE	yes	no	no	Comp shingles	1990
30	RANCH BARN	yes	no	no	Metal	1920
31	Christmas Hill Park Mulberry Restroom Old	yes	no	no	Roll comp	1985
32	Christmas Hill Park Mulberry Restroom New	yes	no	no	Comp shingles	1990
33	Christmas Hill Park Snack Bar	yes	no	no	Comp shingles	N/A
34	Christmas Hill Park Ampitheater Restroom	yes	no	no	Comp shingles	1992
35	Christmas Hill Park Maintenance Bldg	yes	no	no	Metal	N/A
36	FIRE STATION (Chestnut)	yes	yes	yes	Built-up	~1970
37	TRAIN DEPOT	yes	no	no	TILE & built-up	1920
38	NEW CITY HALL	yes	yes	yes	Tile & Membrane	1980
39	CITY HALL ANNEX	yes	yes	yes	Built-up	1965
40	SENIOR CENTER - Shelter	yes	no	yes	Comp shingles & built-up	1975
41	OLD CITY HALL - Historic	yes	no	no	Built-up	1905
42	YOUTH CENTR GYM - Shelter	yes	no	no	Built-up	1930
43	YOUTH CENTR RECR - Shelter	yes	no	no	Built-up	1937
44	YOUTH CENTR OFFICE	yes	no	no	Built-up	1937
45	San Ysidro Park Bldg/Restrooms	yes	no	no	Built-up	1975
46	WELL #1	yes	yes	no	Comp shingles	1970
47	WELL #7	yes	yes	no	Comp shingles	1980
48	WELL #5	yes	yes	no	Comp shingles	2000
49	FIRE STATION (Las Animas)	yes	yes	no	N/A	1970
50	WELL #6	yes	yes	no	Comp shingles	1990
51	Del Rey Park	yes	no	no	N/A	N/A
52	BOOSTER STN #5	yes	yes	no	N/A	2000
53	Forest St. Park Bldg	yes	no	no	Comp shingles	N/A
54	El Roble Park	yes	no	no	N/A	N/A
55	FIRE STATION (Sunrise)	yes	yes	yes	Comp shingles	1994
56	Ascencion Solorsano Gym	yes	no	no	Metal	1993
57	ADMINISTRATION BLDG	yes	yes	yes	GRAVEL OVR MTL	1995
58	HEADWORKS FACILITY	yes	yes	no	N/A	1995
59	E ELECTRICAL BLDG	yes	yes	no	BUILT UP ON MTL	1995
60	SOLIDS PROC BLDG	yes	yes	no	BUILT UP ON MTL	1995
61	CHEM STOR & FEED	yes	yes	no	N/A	1995
62	W ELECTRICAL BLDG	yes	yes	no	BUILTUP ON MTL	1995
63	SEPTAGE DISP FAC	yes	yes	no	N/A	1995
64	OXIDATION DITCHES (2)	yes	yes	no	N/A	1995
65	SECOND CLARIF (2)	yes	yes	no	N/A	1995
66	HDWORKS ODOR SCR	yes	yes	no	N/A	1995
67	RAS PUMP STATION	yes	yes	no	BUILTUP ON MTL	1995
68	SOLIDS BLD ODOR SCR	yes	yes	no	N/A	1995
69	PLANT DRAIN PUMP ST	yes	yes	no	N/A	1995
70	EFFL PUMP STATION	yes	yes	no	N/A	1995
71	TERT FILTERS (2) & FAC	yes	yes	no	N/A	1995
72	BACKWASH BASIN	yes	yes	no	N/A	1995
73	BKWSH & FILTER PMP S	yes	yes	no	N/A	1995
74	CHLORINE CONT BASIN	yes	yes	no	N/A	1995

ID	Critical Facility	Anchored Equipment	Alternate Power	Sprinklers	Roof Material	Year Built
75	GAVILAN COL PMP S	yes	yes	no	N/A	N/A
76	REC WTR BSTR PS	yes	no	no	MTL TILE ON MTL	2002
77	REC WTR RESERVOIR	yes	yes	no	N/A	2002
78	POLICE HEADQUARTERS	N/A	N/A	N/A	N/A	N/A
ID	Critical Facility	Stories	Capacity	Bldg Insured Value	Contents Insured Value	
1	BOOSTER PUMP #1	1	525	\$30,782	\$0	
2	MUSEUM	2	2,264	\$1,681,313	\$18,140	
3	BOOSTER PUMP #2	1	546	\$46,069	\$0	
4	BOOSTER PUMP #3	1	546	\$46,069	\$0	
5	RESERVOIR	1	0	\$6,750	\$0	
6	WHEELER AUDITORIUM	1	16,864	\$1,557,833	\$207,830	
7	GOLF COURSE/MAINT.	1	540	\$23,249	\$0	
8	GOLF/CART/STGE	1	2,668	\$67,213	\$0	
9	GOLF/CLUB OFFICE	1	2,740	\$67,224	\$0	
10	GOLF/CLUB HOUSE	1	2,160	\$136,362	\$0	
11	GOLF COURSE/RENTA	1	1,440	\$118,056	\$0	
12	GOLF COURSE/CART	1	1,900	\$220,274	\$0	
13	Las Animas Prk Oaks Restroom	1	N/A			
14	Las Animas Equip. BLDG	1	506	\$27,013	\$0	
15	Las animas Main Rec Bldg	1	1,792	\$141,731	\$0	
16	Las Animas Rec Area Restroom	1	400	\$52,058	\$0	
17	CONCESSION STAND	1	289	\$20,301	\$0	
18	Las Animas Sml Rec. Bldg	1	400	\$40,128	\$0	
19	Corp Yard Water Wkshp/Storage	1	650	\$105,768	\$0	
20	Corp Yrd Storage/Wkshops	1	6,292	\$320,781	\$0	
21	Corp Yrd Fleet Maintenance	1	7,860	\$194,624	\$0	
22	New Corp Yard Admin	1	8,000			
23	WELL #2	1	273	\$36,788	\$0	
24	WELL #4	1	280	\$63,362	\$0	
25	WELL #8	1	312	\$306,780	\$0	
26	WELL #8A	0	0	\$368,780	\$0	
27	RANCH HOUSE/STGE	1	1,518	\$100,170	\$0	
28	Ranch Site Park TEEC Bldg	1	1,920	\$162,785	\$0	
29	RANCH/TRL/OFFICE	1	696	\$49,090	\$0	
30	RANCH BARN	1	5,060	\$175,167	\$0	
31	Christmas Hill Park Mulberry Restroom Old	1	594	\$176,057	\$0	
32	Christmas Hill Park Mulberry Restroom New	1	540	\$62,756	\$0	
33	Christmas Hill Park Snack Bar	1	0	\$2,977,980	\$0	
34	Christmas Hill Park Ampitheater Restroom	1	900			
35	Christmas Hill Park Maintenance Bldg	1	768			
36	FIRE STATION (Chestnut)	1	7,531	\$597,862	\$0	
37	TRAIN DEPOT	1	1,970	\$1,108,107	\$0	
38	NEW CITY HALL	1	28,335	\$3,783,734	\$221,000	
39	CITY HALL ANNEX	1	11,792	\$3,449,723	\$0	
40	SENIOR CENTER - Shelter	1	10,850	\$947,934	\$0	
41	OLD CITY HALL - Historic	2	12,883	\$1,969,880	\$0	
42	YOUTH CENTR GYM - Shelter	1	1,664	\$170,708	\$12,830	

ID	Critical Facility	Stories	Capacity	Bldg Insured Value	Contents Insured Value
43	YOUTH CENTR RECR - Shelter	1	1,260	\$175,992	\$0
44	YOUTH CENTR OFFICE	1	2,860	\$325,845	\$0
45	San Ysidro Park Bldg/Restrooms	1	1,813	\$150,530	\$0
46	WELL #1	1	150	\$15,022	\$0
47	WELL #7	1	264	\$238,290	\$0
48	WELL #5	1	350	\$20,751	\$0
49	FIRE STATION (Las Animas)	1	4,850	\$403,876	\$0
50	WELL #6	1	264	\$238,290	\$0
51	Del Rey Park	0	0	\$20,700	\$0
52	BOOSTER STN #5	1	775	\$49,454	\$0
53	Forest St. Park Bldg	0	0	\$2,625	\$0
54	El Roble Park	0	0	\$17,700	\$0
55	FIRE STATION (Sunrise)	1	8,500		
56	Ascencion Solorsano Gym	1	14,316		
57	ADMINISTRATION BLDG	1	8,600	\$1,363,050	\$636,700
58	HEADWORKS FACILITY	1	3,540	\$978,100	\$650,500
59	E ELECTRICAL BLDG	1	2,486	\$521,000	\$208,800
60	SOLIDS PROC BLDG	2	9,147	\$2,422,900	\$2,401,100
61	CHEM STOR & FEED	N/A	N/A	\$119,300	\$24,200
62	W ELECTRICAL BLDG	1	2,486	\$521,000	\$208,800
63	SEPTAGE DISP FAC	N/A	N/A	\$72,900	\$48,500
64	OXIDATION DITCHES (2)	N/A	4,600,000 gal each	\$18,967,800	\$1,742,100
65	SECOND CLARIF (2)	N/A	1,290,000 gal each	\$4,552,200	\$669,000
66	HDWORKS ODOR SCR	N/A	N/A	\$807,500	\$0
67	RAS PUMP STATION	1	3,168	\$547,000	\$615,400
68	SOLIDS BLD ODOR SCR	N/A	N/A	\$807,500	\$0
69	PLANT DRAIN PUMP ST	N/A	287	\$79,300	\$46,700
70	EFFL PUMP STATION	N/A	2,991	\$712,400	\$581,000
71	TERT FILTERS (2) & FAC	N/A	2,962	\$786,800	\$108,900
72	BACKWASH BASIN	N/A	235,000 gal	\$700,400	\$93,600
73	BKWSH & FILTER PMP S	N/A	2,137	\$577,900	\$347,800
74	CHLORINE CONT BASIN	N/A	500,000 gal	\$1,106,700	\$35,900
75	GAVILAN COL PMP S	N/A	N/A		
76	REC WTR BSTR PS	1	1,120		
77	REC WTR RESERVOIR	N/A	1,500,000		
78	POLICE HEADQUARTERS	N/A	N/A		