

## 1.1 City of Santee

The City of Santee (Santee) reviewed a set of jurisdictional-level hazard maps including detailed critical facility information and localized potential hazard exposure/loss estimates to help identify the top hazards threatening their jurisdiction. In addition, LPGs were supplied with exposure/loss estimates for Santee summarized in Table 5.18-1. See Section 4.0 for additional details.

The 2010 Multi-Jurisdictional Hazard Mitigation Plan was incorporated into the City of Santee's General Plan by resolution 08-2011 on February 9, 2011.

**Table 5.18-1  
Summary of Potential Hazard-Related Exposure/Loss in Santee**

Hazard Type	Exposed Population	Residential		Commercial		Critical Facilities	
		Number of Residential Buildings	Potential Exposure/Loss for Residential Buildings (x\$1,000)	Number of Commercial Buildings	Potential Exposure/Loss for Commercial Buildings (x\$1,000)	Number of Critical Facilities	Potential Exposure for Critical Facilities (x\$1,000)
Coastal Storm / Erosion	0	0	0	0	0	0	0
Sea Level Rise	0	0	0	0	0	0	0
Dam Failure	41,225	14,229	4,005,464	15,596	5,458,483	4	131,183
Earthquake (Annualized Loss - Includes shaking, liquefaction and landslide components)	35,251*	10,943*	3,080,455*	9,972*	3,190,182*	180*	379,651*
<b>Flood (Loss)</b>							
100 Year	1,205	40	11,260	64	22,437	10	6,809
500 Year	2,765	598	168,337	1,346	471,134	27	28,973
<b>Rain-Induced Landslide</b>							
High Risk	70	11	3,097	0	0	1	0
Moderate Risk	0	0	0	0	0	0	0
Tsunami	0	0	0	0	0	0	0
<b>Wildfire / Structure Fire</b>							
Fire regime II & IV	45,353	16,283	4,583,665	5,307	1,857,498	130	247,681

\* Represents 500-year earthquake value under three earthquake scenarios (shake only, shake and liquefaction, and shake and landslide).

After reviewing the localized hazard maps and exposure/loss table above, the following hazards were identified by the Santee LPG as their top five. A brief rationale for including each of these is included.

- **Wildfire:** The northern portion of the City is undeveloped, difficult to access hilly terrain. This area and the adjacent undeveloped areas outside the City have been subject to multiple fires in the past. Most of the adjacent undeveloped areas have been set aside to remain in their natural state.
- **Dam Failure/Flood:** The City is split by the San Diego River that has a significant flow volume and floodway/floodplain. The San Diego River watershed also has two significant dams upstream.
- **Earthquake:** There are numerous ancient landslides within the City including some that have been reactivated and resulted in the partial or complete loss of homes. The San Diego River floodplain consists of alluvial soils that are subject to liquefaction during seismic events. Additionally, the City is within 10 miles of a significant earthquake fault.
- **Hazardous Materials Release:** Three freeways are within the City and a major arterial within the City is designated as a federal oversized load route. Numerous industrial facilities within the City handle hazardous materials on a regular basis
- **Human Caused Events:** Terrorism and crime can create vulnerabilities within the facilities within the City. The flight paths and landing zones of an adjacent general aviation airport and nearby military airfield pass over the City.

### 1.1.1 Capabilities Assessment

The LPG identified current capabilities available for implementing hazard mitigation activities. The Capability Assessment (Assessment) portion of the jurisdictional mitigation plan identifies administrative, technical, legal and fiscal capabilities. This includes a summary of departments and their responsibilities associated to hazard mitigation planning as well as codes, ordinances, and plans already in place associated to hazard mitigation planning. The second part of the Assessment provides Santee's fiscal capabilities that may be applicable to providing financial resources to implement identified mitigation action items.

### 1.1.2 Existing Institutions, Plans, Policies and Ordinances

The following is a summary of existing departments in Santee and their responsibilities related to hazard mitigation planning and implementation, as well as existing planning documents and regulations related to mitigation efforts within the community. The administrative and technical capabilities of Santee, as shown in Table 5.18-2, provides an identification of the staff, personnel, and department resources available to implement the actions identified in the mitigation section of the Plan. Specific resources reviewed include those involving technical personnel such as planners/engineers with knowledge of land development and land management practices, engineers trained in construction practices related to building and infrastructure, planners and engineers with an understanding of natural or manmade hazards, floodplain managers, surveyors, personnel with GIS skills and scientists familiar with hazards in the community.

- City of Santee Fire Department

- Administration
- Fire prevention
- Emergency medical services
- Suppression
- Code enforcement
- Emergency management
- City of Santee Planning and Building Department
  - General Plan
  - Zoning ordinances
  - Development standards
  - Development review process
  - Building codes
  - Structure evaluation
- City of Santee Engineering Department
  - Flooding
  - Grading
  - Transportation
  - Geotechnical review
  - Structural evaluation
- City of Santee Public Works Department
  - Maintain infrastructure including buildings
  - Flood control
  - Traffic control
  - Emergency response
- County of San Diego Sheriff Department
  - Enforcement
  - Investigation
  - Security
  - Emergency response
  - Traffic control

**Table 5.18-2  
City of Santee: Administrative and Technical Capacity**

<b>Staff/Personnel Resource</b>	<b>Y/N</b>	<b>Department/Agency and Position</b>
A. Planner(s) or engineer(s) with knowledge of land development and land management practices	Y	Development Services staff
B. Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Development Services staff
C. Planners or Engineer(s) with an understanding of natural and/or manmade hazards	Y	Development Services staff
D. Floodplain manager	Y	Development Services – City Engineer
E. Surveyors	N	
F. Staff with education or expertise to assess the community's vulnerability to hazards	Y	Fire staff, Development Services, Community Services
G. Personnel skilled in GIS and/or HAZUS	Y	Development Services staff
H. Scientists familiar with the hazards of the community	Y	Fire staff and Development Services staff
I. Emergency manager	Y	Fire staff
J. Grant writers	Y	Development Services staff
K. Staff with FEMA Integrated Emergency Management training	Y	Fire staff and Development Services staff

The legal and regulatory capabilities of Santee are shown in Table 5.18-3, which presents the existing ordinances and codes that affect the physical or built environment of Santee. Examples of legal and/or regulatory capabilities can include: the City's building codes, zoning ordinances, subdivision ordinances, special purpose ordinances, growth management ordinances, site plan review, general plans, capital improvement plans, economic development plans, emergency response plans, and real estate disclosure plans.

**Table 5.18-3  
City of Santee: Legal and Regulatory Capability**

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

### **1.1.3 Fiscal Resources**

Table 5.18-4 shows specific financial and budgetary tools available to Santee such as community development block grants; capital improvements project funding; authority to levy taxes for specific purposes; fees for water, sewer, gas, or electric services; impact fees for homebuyers or developers for new development; ability to incur debt through general obligations bonds; and withholding spending in hazard-prone areas.

**Table 5.18-4  
City of Santee: Fiscal Capability**

Financial Resources	Accessible or Eligible to Use (Yes/No)
A. Community Development Block Grants (CDBG)	Yes in qualified areas
B. Capital improvements project funding	Yes
C. Authority to levy taxes for specific purposes	Yes
D. Fees for water, sewer, gas, or electric service	No
E. Impact fees for homebuyers or developers for new developments/homes	Yes
F. Incur debt through general obligation bonds	Yes
G. Incur debt through special tax and revenue bonds	Yes
H. Incur debt through private activity bonds	UK
I. Withhold spending in hazard-prone areas	Yes

### **1.1.4 Goals, Objectives and Actions**

Listed below are Santee’s specific hazard mitigation goals, objectives and related potential actions. For each goal, one or more objectives have been identified that provide strategies to attain the goal. Where appropriate, the City has identified a range of specific actions to achieve the objective and goal.

The goals and objectives were developed by considering the risk assessment findings, localized hazard identification and loss/exposure estimates, and an analysis of the jurisdiction’s current capabilities assessment. These preliminary goals, objectives and actions were developed to represent a vision of long-term hazard reduction or enhancement of capabilities. To help in further development of these goals and objectives, the LPG compiled and reviewed current jurisdictional sources including the City’s planning documents, codes, and ordinances. In addition, City representatives met with consultant staff and/or OES to specifically discuss these hazard-related goals, objectives and actions as they related to the overall Plan. Representatives of numerous City departments involved in hazard mitigation planning, including Fire, Police, and Public Works provided input to the Santee LPG. The Santee LPG members were:

- Rich Smith, Fire Division Chief – Operations
- John Garlow, Fire Division Chief
- Richard Mattick, Fire Chief
- Pedro Orso-Delgado, Director, Development Services
- Melanie Kush, City Planner
- Carl Schmitz, Principal Civil Engineer
- Julie Procopio, Principal Civil Engineer
- Angela Reeder, Associate Planner
- Jeff Tamares, Associate Engineer

Once developed, City staff submitted the plan to CalOES and FEMA for approval. Once approved city staff will take the plan to the City Council for adoption.

The draft plan was posted on the Office of Emergency Services Website to present these preliminary goals, objectives and actions to citizens and to receive public input. Specific questions were asked and the public was requested to provide comments and suggestions regarding the draft plan and the proposed mitigation actions. An email address was provided for the public to send comments and suggestions to. This email address was checked daily for public input. The following sections present the hazard-related goals, objectives and actions as prepared by the City of Santee's LPG in conjunction with the Hazard Mitigation Working Group, locally elected officials and local citizens.

#### **1.1.4.1 Goals**

The City of Santee has developed the following 11 Goals for their Hazard Mitigation Plan (See Attachment A for Goals 10 and 11).

- Goal 1. Promote disaster-resistant future development.
- Goal 2. Increase public understanding, support, and demand for effective hazard mitigation.
- Goal 3. Build and support local capacity and commitment to continuously become less vulnerable to hazards.
- Goal 4. Improve coordination and communication with federal, state, local and tribal governments.

Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to the following:

- Goal 5. Floods
- Goal 6. Wildfires
- Goal 7. Severe Weather
- Goal 8. Infestations/Diseases
- Goal 9. Geological Hazards
- Goal 10. Extremely Hazardous Materials Releases
- Goal 11. Other Human Caused Hazards
  
- Goal 12. Drought

#### **1.1.4.2 Objectives and Actions**

The City of Santee developed the following broad list of objectives and actions to assist in the implementation of each of their 9 identified goals. The City of Santee developed objectives to assist in achieving their hazard mitigation goals. For each of these objectives, specific actions were developed that

would assist in their implementation. A discussion of the prioritization and implementation of the action items is provided in Section 5.18.5.

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<b>Goal 1: Promote disaster-resistant future development.</b>		<b>New, Existing or Both</b>
<i>Objective 1.A: Implement and continue to update the City's General Plan and land development ordinances to limit development in hazard areas.</i>		
Action 1.A.1	Continue the development review process that requires the identification, mitigation and/or removal of all hazards for all new developments.	Both
Action 1.A.2	Continue to review and update City ordinances as necessary to comply with new technologies, regulations and practices.	
<i>Objective 1.B: Encourage and facilitate the adoption of building codes that protect renovated existing assets and new development in hazard areas.</i>		
Action 1.B.1	Continue to monitor the updates of the currently adopted Uniform Codes.	Both
Action 1.B.2	Continue the adoption of Uniform Codes updates as appropriate.	
<i>Objective 1.C: Encourage consistent enforcement of general plans, zoning ordinances, and building codes.</i>		
Action 1.C.1	Continue to review all building and construction plans for conformance to applicable codes.	New
Action 1.C.2	Continue to provide the necessary level of building and construction inspection to ensure that structures and other facilities are constructed as designed.	
Action 1.C.3	Continue to pursue code enforcement to ensure that structures and properties are maintained in such a manner that hazardous conditions are not created.	
<i>Objective 1.D: Discourage future development that exacerbates hazardous conditions.</i>		
Action 1.D.1	Continue to require professional studies to evaluate specific hazards in hazard-prone areas and identify alternative site design criteria for new development to mitigate hazards to the maximum extent possible, as funding is available.	Both
Action 1.D.2	Continue to update and maintain information on known hazards to assist in the identification of hazards that may impact future development.	

<b>Goal 2: Promote public understanding, support and demand for hazard mitigation.</b>		<b>New, Existing or Both</b>
<i>Objective 2.A: Educate the public to increase awareness of hazards and opportunities for mitigation actions.</i>		
Action 2.A.1	Continue to participate in regional public education efforts concerning natural and man-made disasters and emergencies.	Both
Action 2.A.2	Continue to provide Household Hazardous Waste education regarding the proper disposal of household hazardous waste.	Both
Action 2.A.3	Continue to operate public awareness programs, such as the City newsletter, to help address potential safety issues for City residents.	Both
Action 2.A.4	Continue to provide an educational program for kids, such as using the clown firefighter program to spread fire safety ideas at schools and city functions.	

<b>Goal 2: Promote public understanding, support and demand for hazard mitigation.</b>		<b>New, Existing or Both</b>
Action 2.A.5	Continue to maintain a visible presence at many community events providing information on department programs and safety issues.	
<i>Objective 2.B: Promote partnerships between the state, counties, local and tribal governments to identify, prioritize, and implement mitigation actions.</i>		
Action 2.B.1	Continue to participate as a member of the Unified San Diego County Emergency Services Organization (ESO) which is comprised of the 18 incorporated cities within the county and the County of San Diego.	Both
Action 2.B.2	Continue to maintain an automatic aid agreement with all surrounding communities.	
Action 2.B.3	Continue to participate in mutual aid agreements with the San Diego County, State of California, California Department of Forestry and U.S. Forest Service.	
<i>Objective 2.C: Promote hazard mitigation in the business community.</i>		
Action 2.C.1	Continue to maintain an active relationship with the Chamber of Commerce.	Both
Action 2.C.2	Continue to have Fire and Development Services staff provide education materials to and perform proactive inspections of businesses for issues such as fire safety, hazardous materials storage and general housekeeping practices.	
Action 2.C.3	Continue to include Fire and Development Services staff in the review of new business license applications.	
<i>Objective 2.D: Monitor and publicize the effectiveness of mitigation actions implemented statewide.</i>		
Action 2.D.1	Continue to use the City newsletter to publicize the identification of hazards and the associated safety measures being implemented.	Both
Action 2.D.2	Continue to use press releases to promote hazard mitigation.	
<i>Objective 2.E: Discourage activities that exacerbate hazardous conditions.</i>		
Action 2.E.1	Continue to pursue code enforcement to ensure that structures and properties are maintained in such a manner that hazardous conditions are not created.	Both
Action 2.E.2	Continue to update and maintain information on known hazards to assist in the identification of hazards that may impact existing structures and properties.	

<b>Goal 3: Build and support local capacity and commitment to continuously become less vulnerable to hazards.</b>		<b>New, Existing or Both</b>
<i>Objective 3.A: Increase the awareness and knowledge of hazard mitigation principles and practice among state and local officials.</i>		
Action 3.A.1	Continue to train staff to ensure the effective management of emergency operations under the National Incident Management System (NIMS).	Both
Action 3.A.2	Continue to participate in regional emergency management trainings and exercises.	
Action 3.A.3	Continue to use local communication, such as the City newsletter, to raise the public awareness to hazards.	
<i>Objective 3.B: Develop model hazard mitigation plan and provide technical assistance to State agencies and local governments to prepare hazard mitigation plans.</i>		
Action 3.B.1	Continue to maintain policies and procedures to ensure the effective management of emergency operations under the National Incident Management System (NIMS) during emergencies that affect the City.	Both
<i>Objective 3.C: Refine the web-based Hazard Mitigation Planning System and provide technical assistance to State agencies, local and tribal governments utilizing the system.</i>		

<b>Goal 4: Improve hazard mitigation coordination and communication with federal, state, local and tribal governments.</b>		<b>New, Existing or Both</b>
<i>Objective 4.A: Establish and maintain closer working relationships with state agencies and local governments.</i>		
Action 4.A.1	Continue to maintain a local emergency management organization that operates under the National Incident Management System (NIMS).	Both
Action 4.A.2	Continue to participate in the San Diego County Operational Area Emergency Management that is coordinated by the San Diego County Office of Emergency Services (OES).	
Action 4.A.3	Continue to coordinate with SD County OES as part of OES Mutual Aid Region 6 and the OES Southern Administrative Region.	
Action 4.A.4	Continue to have local trainings and participate in regional emergency management trainings and exercises.	
<i>Objective 4.B: Encourage other organizations to incorporate hazard mitigation activities.</i>		
Action 4.B.1	Continue to maintain a NIMS Emergency Management Plan that includes participation by the local school districts, local utility companies, regional utility companies, volunteer agencies and private agencies.	Both
Action 4.B.2	Continue to invite these groups to participate in local emergency management trainings and exercises.	
<i>Objective 4.C: Improve the State's capability and efficiency at administering pre- and post-disaster mitigation.</i>		
Action 4.C.1	Continue to train staff to ensure the effective management of emergency operations under the National Incident Management System (NIMS).	Both

<b>Goal 4: Improve hazard mitigation coordination and communication with federal, state, local and tribal governments.</b>		<b>New, Existing or Both</b>
Action 4.C.2	Continue to provide mutual aid as needed by OES.	

<b>Goal 5: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>floods</u>.</b>		<b>New, Existing or Both</b>
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*Objective 5.A: Minimize injuries, loss of life and property damage resulting from flood hazards.*

Action 5.A.1	The City should continue to require that site design for new development within the floodplain considers hazard potential and minimizes of flood hazards.	New
Action 5.A.2	All development proposed within a floodplain area shall continue to be required by the City to utilize design and site planning techniques to ensure that structures are elevated at least one foot above the 100-year flood level.	New
Action 5.A.3	All proposed projects which would modify the configuration of any of the three main waterways in Santee (San Diego River and Sycamore and Forester Creeks) shall continue to be required to submit a report prepared by a registered engineer that analyzes potential effects of the project downstream as well as in the local vicinity.	New
Action 5.A.4	The City shall continue to enforce its Flood Damage Prevention Ordinance that limits the placement of structures and uses in flood prone areas, controls dredging, filling or other activities that could modify the natural floodplain and prevents construction of barriers or structures that could divert flood flows and cause upstream or downstream impacts.	Both

*Objective 5.B: Protect existing assets with the highest relative vulnerability to the effects of floods within the 100-year floodplain.*

Action 5.B.1	Continue to monitor and maintain all waterways and drainage facilities within the City.	Both
Action 5.B.2	Continue to monitor water levels in the City's main waterways during severe storm events.	Both
Action 5.B.3	Continue to actively pursue the improvement of drainage ways and flood control facilities through the Capital Improvements Program of the City.	Both

*Objective 5.C: Coordinate with and support existing efforts to mitigate floods (e.g., US Army Corps of Engineers, US Bureau of Reclamation, and California Department of Water Resources).*

Action 5.C.1	Continue to coordinate flooding issues along the San Diego River with the County and City of San Diego.	Both
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*Objective 5.D: Minimize repetitive losses caused by flooding.*

Action 5.D.1	Continue to actively pursue the improvement of drainage ways and flood control facilities so as to lessen recurrent flood problems and include such public improvements in the Capital Improvements Program for the City.	Both
Action 5.D.2	Continue to identify existing assets with the highest relative vulnerability to the effects of floods within the 100-year floodplains of the City's waterways.	Both

<b>Goal 5: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>floods</u>.</b>		<b>New, Existing or Both</b>
Action 5.D.3	Continue to participate in the National Flood Insurance Program. Periodically review the City's compliance with NFIP regulations, as resources become available.	Both
<i>Objective 5.E: Address identified data limitations regarding the lack of information about relative vulnerability of assets from floods (e.g., Q3/digital floodplain maps for missing counties)</i>		
Action 5.E.1	Continue to require CLOMAs or LOMRs for all changes to the floodplains caused by new development.	Both

<b>Goal 6: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>wildfires</u>.</b>		<b>New, Existing or Both</b>
<i>Objective 6.A: Develop a comprehensive approach to reducing the possibility of damage and losses due to wildfires.</i>		
Action 6.A.1	Continue to maintain automatic aid agreements for emergency response with all surrounding communities.	Both
Action 6.A.2	Continue to require that proposed developments be approved only after it is determined that there will be adequate water supply and pressure to maintain the required fire flow at the time of development.	Both
Action 6.A.3	Continue to require that all proposed development shall satisfy the minimum structural fire protection standards contained in the adopted edition of the Uniform Fire and Building Codes; however, where deemed appropriate the City shall enhance the minimum standards to provide optimum protection.	Both
Action 6.A.4	Continue to require fire sprinklers in all new construction identified in the Santee Municipal Code.	Both
Action 6.A.5	Continue to require that emergency access routes in all developments be adequately wide to allow the entry and maneuvering of emergency vehicles, as necessary.	Both
Action 6.A.6	Investigate permanent placement of fire-fighting aircraft in San Diego East County.	New
Action 6.A.7	Evaluate under-grounding of utilities in areas that have high risk of wildfires.	
Action 6.A.8	Investigate use of "controlled burns" in high-risk areas.	New
<i>Objective 6.B: Protect existing assets with the highest relative vulnerability to the effects of wildfires.</i>		
Action 6.B.1	The City should support State legislation that would provide tax incentives to encourage the repair or demolition of structures that could be considered fire hazards.	Both
Action 6.B.2	Continue to enforce the existing weed abatement program.	Both
Action 6.B.3	Continue to ensure that all construction materials used for renovating or remodeling existing structures meet current fire and building codes.	Both
<i>Objective 6.C: Coordinate with and support existing efforts to mitigate wildfire hazards (e.g., US Forest Service, Bureau of Land Management).</i>		
Action 6.C.1	Continue to maintain both the San Diego County and State of California Master	Both

<b>Goal 6: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>wildfires</u>.</b>		<b>New, Existing or Both</b>
	Mutual Aid Agreements, and maintain a separate agreement with the California Department of Forestry and U.S. Forest Service.	
<i>Objective 6.D: Address identified data limitations regarding the lack of information related to wildfires (e.g., a comprehensive database of California wildfires, a California wildfire risk model, and relative vulnerability of assets).</i>		

<b>Goal 7: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>severe weather</u> (e.g., El Nino storms/, thunderstorms, lightning).</b>		<b>New, Existing or Both</b>
<i>Objective 7.A: Develop a comprehensive approach to reducing the possibility of damage and losses due to severe weather.</i>		
Action 7.A.1	Continue to perform preventative maintenance and inspection of existing storm drains, inlets, outlets and channels.	Both
Action 7.A.2	Continue to require that drainage facilities are designed to convey the 100-year storm.	Both
Action 7.A.3	Continue to require new construction to adequately convey all drainage away from structure foundations and into improved drainage facilities.	Both
<i>Objective 7.B: Protect existing assets with the highest relative vulnerability to the effects of weather.</i>		
Action 7.B.1	Continue to provide the public access to sandbags for flood protection.	Both
Action 7.B.2	Continue to provide 24 hour public works and other non-safety personnel support during emergency operations.	Both
Action 7.B.3	Continue to monitor transportation infrastructure during emergencies to maintain access for emergency vehicles and to close access when necessary for safety.	Both
<i>Objective 7.C: Coordinate with and support existing efforts to mitigate severe weather (e.g., National Weather Service).</i>		
Action 7.C.1	Continue to participate in regional emergency operation efforts.	Both
<i>Objective 7.D: Address identified data limitations regarding the lack of information about the relative vulnerability of assets from severe weather (e.g., construction type, age, condition, compliance with current building codes, etc.)</i>		

<b>Goal 8: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>dam failure</u>.</b>		<b>New, Existing or Both</b>
<i>Objective 8.A: Develop a comprehensive approach to reducing the possibility of damage and losses due to dam failure.</i>		
Action 8.A.1	Continue to work with the San Diego County ODP to maintain dam failure inundation maps.	Both

<b>Goal 8: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>dam failure</u>.</b>		<b>New, Existing or Both</b>
Action 8.A.2	Continue to maintain a dam failure emergency action plan.	Both
<i>Objective 8.B: Protect existing assets with the highest relative vulnerability to the effects of dam failure.</i>		
Action 8.B.1	Maintain contact with the owner agencies to monitor reservoir water levels behind dams.	Both
Action 8.B.2	Continue to include a dam failure scenario in our EOC exercises.	Both
<i>Objective 8.C: Address identified data limitations regarding the lack of information about the relative vulnerability of assets from dam failure.</i>		
Action 8.C.1	Maintain contact with the owner agencies to monitor dam inspections.	Both

<b>Goal 9: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>geological hazards</u>.</b>		<b>New, Existing or Both</b>
<i>Objective 9.A: Develop a comprehensive approach to reducing the possibility of damage and losses due to geological hazards.</i>		
Action 9.A.1	Continue to implement the City's geologic/seismic hazards regulations and review procedures identified in the City's General Plan.	Both
Action 9.A.2	Continue to ensure that if a project is proposed in an area identified in the City's Geotechnical Seismic Hazard Study as seismically and/or geologically hazardous, the proposal shall demonstrate through appropriate geologic studies and investigations that either the unfavorable conditions do not exist in the specific area in question or that they may be avoided or mitigated through proper site planning, design and construction.	Both
Action 9.A.3	Continue a California Environmental Quality Act level review on all new projects, which requires all significant environmental effects of a proposed project, including geologic and soil conditions, be identified and discussed, and adequate mitigation for any identified significant effects.	Both
Action 9.A.4	Continue to require that all geotechnical studies of critical facilities should be performed in accordance with "Guidelines to Geologic/Seismic Reports," California Division of Mines and Geology (CDMG), Note Number 41.	Both
<i>Objective 9.B: Protect existing assets with the highest relative vulnerability to the effects of geological hazards.</i>		
Action 9.B.1	The City should continue to utilize existing and evolving geologic, geophysical and engineering knowledge to distinguish and delineate those areas that are particularly susceptible to damage from seismic and other geologic conditions.	Both
Action 9.B.2	Continue to require retrofits to existing buildings as part of major renovations, consistent with California Building Code requirements.	Both
<i>Objective 9.C: Coordinate with and support existing efforts to mitigate geological hazards (e.g., California Geological Survey, US Geological Survey).</i>		

<b>Goal 9: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/infrastructure, and State-owned facilities, due to <u>geological hazards</u>.</b>		<b>New, Existing or Both</b>
Action 9.C.1	Continue to maintain a City of Santee geologic hazards map.	Both
<i>Objective 9.D: Address identified data limitations regarding the lack of information about the relative vulnerability of assets from earthquakes (e.g., data on structure/building types, reinforcements, etc.).</i>		

<b>Goal 12: Reduce the possibility of damage and losses to existing assets, particularly people, critical facilities/ infrastructure and city owned facilities due to severe weather, including extreme heat and drought.</b>		<b>New, Existing or Both</b>
<i>Objective 12.A: Maximize the efficient use of water resources in order to improve the community's resiliency to long term drought and extreme heat conditions.</i>		
Action 12.A.1	Develop/Update Drought Response Plan in conjunction with the San Diego County Water Authority.	Both
Action 12.A.2	Continue to participate in the National Weather Service StormReady Program.	Both
<i>Objective 12.B: Educate the community about drought, its potential impacts and individual mitigation techniques that they can engage in to help prevent drought or reduce the impact of drought.</i>		
Action 12.B.1	Encourage residents to adopt drought tolerant landscaping or xeriscape practices.	Both
Action 12.B.2	Promote water conservation as a strategy to mitigate future drought conditions and include criteria for drought related mitigation actions.	Both

### 1.1.5 Prioritization and Implementation of Action Items

Once the comprehensive list of jurisdictional goals, objectives, and action items listed above was developed, the proposed mitigation actions were prioritized. This step resulted in a list of acceptable and realistic actions that address the hazards identified in each jurisdiction. This prioritized list of action items was formed by the LPG weighing STAPLEE criteria

The Disaster Mitigation Action of 2000 (at 44 CFR Parts 201 and 206) requires the development of an action plan that not only includes prioritized actions but one that includes information on how the prioritized actions will be implemented. Implementation consists of identifying who is responsible for which action, what kind of funding mechanisms and other resources are available or will be pursued, and when the action will be completed.

The prioritized actions below reflect progress in local mitigation efforts as well as changes in development.

The top 10 prioritized mitigation actions as well as an implementation strategy for each are:

**Action Item #1:** City will work to ensure that all proposed and future development satisfies the minimum structural fire protection standards contained in the adopted edition of the Uniform Fire and Building Codes. Where it is deemed appropriate, the City shall enhance the minimum standards to provide optimum protection.

**Coordinating Individual/Organization:** Fire Marshal, and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #2:** The City will continue to aggressively enforce the existing weed abatement law, and modify and enhance where necessary, modifying fuel types and providing a defensible space around all structures

**Coordinating Individual/Organization:** Fire Marshal and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #3:** City will continue to maintain active membership and participation in both the San Diego County Mutual Aid Agreement, and the State of California Master Mutual Aid Agreement, and maintain a separate agreement with the U.S. Forest Service, to ensure adequate resources are available in the City for any future anticipated wildland incidents.

**Coordinating Individual/Organization:** Fire Department Operations

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #4:** City will continue to perform preventative maintenance and inspection of existing storm drains, inlets, outlets and channels; continue to require that drainage facilities are designed to convey the 100-year storm predictions; and continue to require new construction to adequately convey all water from structures and construction sites.

**Coordinating Individual/Organization:** Public Services Manager, selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Department of Development Services adopted budget, City of Santee Community Services adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #5:** City will continue to work with the County of San Diego Office of Emergency Services to maintain and update dam failure inundation maps; continue to maintain a dam failure action plan as part of the City's Disaster Preparedness Plan; and continue to include a dam failure scenario in City Emergency Operations Center exercises.

**Coordinating Individual/Organization:** Fire Department Operations

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #6:** City will continue to implement the City's geologic/seismic hazard regulations and review related procedures identified in the City's General Plan; and continue to ensure that any proposed projects in areas identified as seismically and/or geologically hazardous, shall demonstrate through appropriate geologic studies and investigations that either the unfavorable conditions do not exist in the specific area in question or that they may be avoided and/or mitigated through proper site planning, design and construction.

**Coordinating Individual/Organization:** Fire Marshal, Public Services Manager, and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Community Services adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #7:** Continue the California Environmental Quality Act level review on all new projects that require all significant effects of a proposed project, including geologic and soil conditions, to be identified and discussed, and identified significant effects are adequately mitigated; continue to require that all geotechnical studies of critical facilities should be performed in accordance with "Guidelines to Geologic Seismic Reports," California Division of Mines and Geology (CDMG), Notes Number 37 and "Recommended Guidelines for Determining the Maximum Credible and the Maximum Probable Earthquakes," CDMG Notes Number 43.

**Coordinating Individual/Organization:** Fire Marshal and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #8:** The City will continue to utilize existing and evolving geologic, geophysical and engineering knowledge to distinguish and delineate those areas that are particularly susceptible to damage from seismic and other geologic conditions; and continue to require retrofits to existing building construction as part of any major renovations.

**Coordinating Individual/Organization:** Fire Marshal, Public Services Manager and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund, and various grant sources as they become available to the City

**Implementation Timeline:** On-going

**Action Item #9:** Continue to use the City's Development Review Ordinance procedures and the Uniform Fire Code to regulate and limit the manufacture, storage, and/or use of hazardous materials within the City; continue to participate as a member of the San Diego County Joint Powers Authority utilizing the Hazardous Materials Response Team to mitigate hazardous materials incidents; and continue to use the San Diego County Hazardous Waste Management Plan as the primary planning document for providing overall policy on hazardous waste management within the City.

**Coordinating Individual/Organization:** Fire Marshal, Fire Operations, and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund

**Implementation Timeline:** On-going

**Action Item #10:** Continue to coordinate and support existing efforts to mitigate other manmade hazards within the City, cooperating and sharing information with other agencies including but not limited to the Department of Homeland Security, California Department of Public Safety, San Diego County Office of Emergency Services, San Diego County Department of Water Resources, Bureau of Reclamation, California

Department of Justice, California Department of Transportation, the Federal Aviation Administration, and the Department of Defense

**Coordinating Individual/Organization:** Fire Department Operations, San Diego County Sheriff's Office, Public Services Manager, and selected members of the Department of Development Services (specific project driven)

**Potential Funding Source:** City of Santee Fire Department adopted budget, City of Santee Department of Community Services adopted budget, City of Santee Department of Development Services adopted budget, City of Santee adopted budget, General Fund, San Diego County Sheriff's Office adopted budget, and various grant sources as they become available to the City

**Implementation Timeline:** On-going

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