3. CITY OF CUPERTINO

3.1 HAZARD MITIGATION PLAN POINT OF CONTACT

Primary Point of Contact

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3.2 JURISDICTION PROFILE

The following is a summary of key information about the jurisdiction and its history:

- **Date of Incorporation**—1955
- **Current Population**—58,185 as of January 1, 2016
- **Population Growth**—Based on the data tracked by the state Department of Finance, Cupertino has experienced a relatively flat rate of growth. The overall population increased only 0.3 percent in 2015.
- Location and Description—Cupertino, California is located in the heart of Silicon Valley against the foothills of the Santa Cruz Mountains. With a population of almost 60,000 residents within 13-square miles, Cupertino is 42 miles south of San Francisco and on the western edge of Santa Clara County. The city enjoys convenient access from Highways 280 and 85 and is situated along Stevens Creek Boulevard. The City shares borders with San José to the east and south, Sunnyvale to the north, Santa Clara to the northeast, and Los Altos to the northwest.
- **Brief History**—In 1776, Spanish explorer Captain Juan Bautista de Anza led a group up the coast of California. During the expedition, the group encamped in what is now Cupertino. Anza's cartographer christened the creek next to the encampment the Arroyo San Joseph Cupertino (known today as Stevens Creek) in honor of his patron, San Guiseppe (San Joseph) of Copertino, Italy. The village of Cupertino sprang up at the crossroads of Saratoga-Sunnyvale Road (now DeAnza Boulevard) and Stevens Creek Boulevard. The initial primary economic activity was fruit agriculture, including prune, plum, apricot, and cherry orchards, as well as wineries. Cupertino officially became the 13th city in Santa Clara County on October 10, 1955.
- Climate—Cupertino has mild weather, wet winters and mild, dry summers. Averages in January range from 38.7 °F (3.7 °C) to 58.2 °F (14.6 °C). Averages in July range from 54.1 °F (12.3 °C) to 82.0 °F (27.8 °C). The average rainfall is 14.9 inches.
- Governing Body Format—The City of Cupertino is governed by a five-member council. The City consists of five departments which are overseen by the City Manager: Administrative Services, Community Development, Information Services, Public Works, and Recreation and Community Services. The City has thirteen commissions and committees, which report to the City Council. The City Council appoints the City Manager. The City Council is responsible for adopting this plan. The City Manager is responsible for overseeing its implementation.

3.3 DEVELOPMENT TRENDS

Cupertino is considered one of the most prestigious cities in which to live and work within Silicon Valley and the San Francisco Bay Area. Because Cupertino is a mature, 90 percent built-out city, we focus on business retention and revitalization. Cupertino is world renowned as the home of high-tech giants, such as Apple, Inc. and Seagate Technologies, and as a community with stellar public schools. DeAnza College, one of the largest single-campus community colleges in the country, is another major employer and a magnet for attracting local and international students. The City's proactive economic development efforts have resulted in an innovative environment for start-ups and growing companies to thrive. The City strives to retain and attract local companies through active outreach and a responsive and customer-oriented entitlement process. Cupertino is excited to have a number of new mixed-use development projects in final construction phases and almost fully leased, which will provide more retail and dining options, as well as provide additional housing opportunities to meet the needs of the growing community. Apple Inc.'s planned new corporate campus is under construction and will include 2.8 million square feet of office and R&D space north of Highway 280 between Wolfe Road and Tantau Avenue. Table 3-1 summarizes development trends in the performance period since development of the previous hazard mitigation plan and expected future development trends.

Table 3-1. Recent and Expected Future Development Trends						
Criterion	Response					
 Has your jurisdiction annexed any land since the development of the previous hazard mitigation plan? If yes, give the estimated area annexed and estimated number of parcels or structures. 	No N/A					
 Is your jurisdiction expected to annex any areas during the performance period of this plan? If yes, please describe land areas and dominant uses. If yes, who currently has permitting authority over 	Yes Predominantly single family residential developed valley floor property to the east of the city, a portion of which may be located in liquefaction-inundation zones along the Saratoga Creek and could also be subject to Wetland Fee Zones under the Santa Clara County Habitat Conservation Plan. Santa Clara County					
these areas?						
 Are any areas targeted for development or major redevelopment in the next five years? If yes, please briefly describe, including whether any of the areas are in known hazard risk areas 	Yes Certain properties in the city have entitlements for development in the long term. None are in known hazard risk areas; all are on the valley floor.				long	
How many building permits were issued in your		2011	2012	2013	2014	2015
jurisdiction since the development of the previous	Single Family	59	50	56	42	51
hazard mitigation plan?	Multi-Family	0	3	3	0	2
	Other (commercial, mixed use, etc.)	4	3	7	6	7
Please provide the number of permits for each hazard area or provide a qualitative description of where development has occurred.	The City has not historically had the ability to track development by hazard area. Development has occurred throughout the city during the performance period for this plan. For hazards with a clearly defined extent and location, the City cannot estimate development impacts. For hazards with impacts city-wide, it is safe to assume that this new development could be subject to impacts from those hazards. However, it is important to note that all new development was subject to the regulatory capabilities identified in this annex.				nance ion, the city-wide, acts	
Please describe the level of buildout in the jurisdiction, based on your jurisdiction's buildable lands inventory. If no such inventory exists, provide a qualitative description.	The City is largely built out with some portions along the commercial corridors that are underdeveloped and could be redeveloped as infill development sites.					

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3.4 CAPABILITY ASSESSMENT

3.4.1 Resources for the 2017 Planning Initiative

The following technical reports, plans, and regulatory mechanisms were reviewed to provide information for inclusion into the 2017 Multi-Jurisdiction Hazard Mitigation Plan for both Volume 1 and Volume 2 (Cupertino Annex). All of the below items were additionally reviewed as part of the full capability assessment for Cupertino.

- Cupertino General Plan—The General Plan, including the Land Use and Safety Elements, were reviewed for information regarding goals and policies consistent with hazard mitigation for carry over as goals and objectives.
- **Cupertino Municipal Code**—The Municipal Code was reviewed for the full capability assessment and for identifying opportunities for action plan integration.
- **Flood Damage Prevention Ordinance**—The Flood Damage Prevention Ordinance was reviewed for compliance with the National Flood Insurance Program.
- Capital Improvements Plan—The Capital Improvements Plan was reviewed to identify cross-planning initiatives.
- **Technical Reports and Information**—Outside resources and references used to complete the Cupertino Annex are identified in Section 3.11 of this Annex.

3.4.2 Full Capability Assessment

An assessment of legal and regulatory capabilities is presented in Table 3-2. An assessment of fiscal capabilities is presented in Table 3-3. An assessment of administrative and technical capabilities is presented in Table 3-4. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 3-5. An assessment of education and outreach capabilities is presented in Table 3-6. Classifications under various community mitigation programs are presented in Table 3-7. Development and permitting capabilities are presented in Table 3-8, and the community's adaptive capacity for the impacts of climate change is presented in Table 3-9.

Table	3-2. Legal and R	egulatory Capability		
	Local Authority	Other Jurisdiction Authority	State Mandated	Integration Opportunity?
Codes, Ordinances, & Requirements	Local Authority	Authority	State Manuateu	Оррогиниу
2016 California Code of Regulations	Yes	Yes	Yes	No
Comment: City of Cupertino and Santa Clara Cou Construction	ınty Fire Dept. Jurisd	liction; Cupertino Municipa	al Code Title 16: Buildir	ngs and
Zoning Code	Yes	No	No	No
Comment: Cupertino Municipal Code, Title 19: Zo	oning			
Subdivisions	Yes	Yes	Yes	No
Comment: Cupertino Municipal Code, Title 18: Su	ubdivisions; California	a Subdivision Map Act		
Stormwater Management	Yes	Yes	Yes	No
Comment: Cupertino Municipal Code Title 9.18: S Control Board	Stormwater Pollution	Prevention and Watershe	d Protection; State Wa	ter Resources
Post-Disaster Recovery	No	No	No	No
Comment: None located.				
Real Estate Disclosure	No	No	Yes	No
Comment: California Civil Code §1102 et seq.				
Growth Management	Yes	Yes	Yes	No
Comment: Local Agency Formation Commission;	California Governme	ent Code §65300 et seq.		
Site Plan Review	Yes	No	No	No
Comment: Cupertino Municipal Code Title 19: Zo	ning			
Environmental Protection	Yes	Yes	Yes	No
Comment: Cupertino General Plan, Cupertino Mu (Guideline: California Code of Regulations, Title 1-				Quality Act
Flood Damage Prevention	Yes	Yes	Yes	Yes
Comment: Cupertino Municipal Code Title 16.52: Valley Water District	Prevention of Flood	Damage; State Dept. of V	Vater Resources, FEM/	A, Santa Clara
Emergency Management	Yes	Yes	Yes	No
Comment: Santa Clara County Fire; Cupertino M.	unicipal Code Title 2.	40: Disaster Council		
Climate Change	Yes	No	Yes	Yes
Comment: General Plan Environmental Resource	es and Sustainability	Element & Cupertino Clin	nate Action Plan; Califo	rnia SB-379
Other:	No	No	No	No
Comment: None Located				
Planning Documents				
General Plan	Yes	No	No	No
Is the plan compliant with Assembly Bill 2140?				
Comment: General Plan: Community Vision 2015	i-2040; Last adopted	October 2015		
Capital Improvement Plan	Yes	No	No	No
How often is the plan updated? Annually				
Comment: Part of adopted budget				
Floodplain or Watershed Plan	No	Yes	No	Yes
Comment: No plan identified; Santa Clara Valley	Water District – Floo	d Control		
Stormwater Plan	Yes	No	No	No
Comment: Storm Drain Master Plan				
Urban Water Management Plan	No	Yes	Yes	No
Comment: Municipal Regional Permit, State Water	er Resources Control	Board		

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	Local Authority	Other Jurisdiction Authority	State Mandated	Integration Opportunity?		
Habitat Conservation Plan	No	No	No	No		
Comment: Cupertino is outside of the SCC Habita	t Conservation Plan	Permit Area				
Economic Development Plan	Yes	No	No	No		
Comment: Economic Development Strategic Plan						
Shoreline Management Plan	No	No	No	No		
Comment: None located						
Wildland Urban Interface Area Plan	Yes	Yes	Yes	No		
Comment: Santa Clara County Community Wildfin	e Protection Plan, J	une 2016				
Forest Management Plan	No	No	No	No		
Comment: None located						
Climate Action Plan	Yes	No	Yes	Yes		
Comment: Cupertino Climate Action Plan						
Comprehensive Emergency Management Plan	Yes	No	No	No		
Comment: Santa Clara County Operational Area	Emergency Manage	ment Plan				
Threat & Hazard Identification & Risk Assessment (THIRA)	No	Yes	Yes (Partial)	No		
Comment: Urban Area Security Initiative THIRA – jurisdiction within the Santa Clara Operational Area			s a condition of grant fu	ınding. As a		
Post-Disaster Recovery Plan	No	No	No	No		
Comment: None located						
Continuity of Operations Plan	No	No	No	No		
Comment: None located						
Public Health Plan	No	No	No	No		
Comment: None located						
Other:	No	No	No	No		
Comment: None located						

Table 3-3. Fiscal Capability				
Financial Resources	Accessible or Eligible to Use?			
Community Development Block Grants	Yes			
Capital Improvements Project Funding	Yes			
Authority to Levy Taxes for Specific Purposes	Yes			
User Fees for Water, Sewer, Gas or Electric Service	No (City does not manage these utilities)			
Incur Debt through General Obligation Bonds	Yes			
Incur Debt through Special Tax Bonds	Yes			
Incur Debt through Private Activity Bonds	Yes			
Withhold Public Expenditures in Hazard-Prone Areas	No			
State-Sponsored Grant Programs	Yes			
Development Impact Fees for Homebuyers or Developers	Yes			
Other	No			

Table 3-4. Administrative and Technical Capability				
Staff/Personnel Resources	Available? Department/Agency/Position			
Planners or engineers with knowledge of land development and land management practices	Yes	Community Development/Director, Assistant Director, Principal Planner, Senior Planner, Associate Planner, Assistant Planners Public Works/Director, Senior Civil Engineer, Associate Civil Engineer, Senior Engineering Technician		
Engineers or professionals trained in building or infrastructure construction practices	Yes	Chief Building Official, Deputy Building Official, Permit Center Manager, Building Inspector Public Works/Director, Senior Civil Engineer, Associate Civil Engineer, Construction Inspector		
Planners or engineers with an understanding of natural hazards	Yes	Public Works/Director, Senior Civil Engineer		
Staff with training in benefit/cost analysis	Yes	Contract		
Surveyors	Yes	Contract		
Personnel skilled or trained in GIS applications	Yes	GIS Coordinator, GIS Technician		
Scientist familiar with natural hazards in local area	Yes	Contract		
Emergency manager	Yes	County Fire		
Grant writers	Yes	Contract		

Table 3-5. National Flood Insurance Program Compliance			
Criteria	Response		
What local department is responsible for floodplain management?	Public Works		
Who is your floodplain administrator? (department/position)	Public Works/Senior Civil Engineer		
Are any certified floodplain managers on staff in your jurisdiction?	Yes		
What is the date of adoption of your flood damage prevention ordinance?	May 5, 1980; Last updated 2016		
Does your floodplain management program meet or exceed minimum requirements? • If exceeds, in what ways?	Exceed Increased Freeboard (1'), Cumulative Substantial Damage		
When was the most recent Community Assistance Visit or Community Assistance Contact?	2015		
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?	No		
Do your flood hazard maps adequately address the flood risk within your jurisdiction?	Yes		
Does your floodplain management staff need any assistance or training to support its floodplain management program? • If so, what type of assistance/training is needed?	No		
Does your jurisdiction participate in the Community Rating System (CRS)? • If yes, is your jurisdiction interested in improving CRS Classification?	Yes (currently Class 7) No		
How many flood insurance policies are in force in your jurisdiction?What is the insurance in force?What is the premium in force?	145 <i>a</i> \$44,365,900 <i>a</i> \$103,099 <i>a</i>		
How many total loss claims have been filed in your jurisdiction?	20 a		
 How many claims were closed without payment/are still open? 	10/0 ^a		
What were the total payments for losses?	\$812,170.73 a		
a. According to FEMA statistics as of October 31, 2016			

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Table 3-6. Education and Outreach			
Criteria	Response		
Do you have a Public Information Officer or Communications Office?	Yes		
Do you have personnel skilled or trained in website development?	Yes		
Do you have hazard mitigation information available on your website?	Yes		
 If yes, please briefly describe. 	Interactive GIS maps and Open Data Portal		
Do you utilize social media for hazard mitigation education and outreach?	Yes		
 If yes, please briefly describe. 	Ready 95014		
Do you have any citizen boards or commissions that address issues related to hazard mitigation?	Yes, CERT and Public Safety Commission		
Do you have any other programs already in place that could be used to communicate hazard-related information? • If yes, please briefly describe.	Yes Cupertino Alert System (CAS) allows the City to rapidly notify residents and businesses by phone, email, SMS and fax in the event of an emergency. Information made available on the City Channel, Ch. 26 on Comcast Cable or Ch. 99 on AT&T, Radio Cupertino 1670 AM, Facebook, Twitter, Nextdoor, and the Cupertino website.		
Do you have any established warning systems for hazard events?	Yes		
 If yes, please briefly describe. 	CAS		

Table 3-7. Community Classifications				
	Participating?	Classification	Date Classified	
Community Rating System	Yes	7	5/1/2015	
Building Code Effectiveness Grading Schedule	Yes	2	10/18/2014	
Public Protection	Yes	Unknown	Since Incorporation	
Storm Ready	No	N/A	N/A	
Firewise	No	N/A	N/A	

Table 3-8. Development and Permit Capabilities			
Criterion	Response		
Does your jurisdiction issue development permits?	Yes		
If no, who does? If yes, which department?	City of Cupertino Community Development Department		
Does your jurisdiction have the ability to track permits by hazard area?	No - Not historically but we now have the ability moving forward with new permit system.		
Does your jurisdiction have a buildable lands inventory?	No		

Table 3-9. Adaptive Capacity for Climate Change	
Adaptive Capacity Assessment	Jurisdiction Rating
Technical Capacity	
Jurisdiction-level understanding of potential climate change impacts	Medium
Comment: None provided.	
Jurisdiction-level monitoring of climate change impacts	Medium
Comment: None provided.	
Technical resources to assess proposed strategies for feasibility and externalities	Medium
Comment: None provided.	
Jurisdiction-level capacity for development of greenhouse gas emissions inventory	High
Comment: Completed initial GHG inventory with adoption of Climate Action Plan in 2015. Will conduct an update	e to be released in 2017.
Capital planning and land use decisions informed by potential climate impacts	Medium
Comment: None provided.	
Participation in regional groups addressing climate risks	High
Comment: Joint Venture Silicon Valley Public Climate Task Force; Santa Clara County's Silicon Valley 2.0; Joint Area Climate & Resiliency Project	t Policy Committee Bay
Implementation Capacity	
Clear authority/mandate to consider climate change impacts during public decision-making processes	Low
Comment: General Plan Environmental Resources & Sustainability Element Goal ES-1.1 provides the vision to sustainability into Cupertino's planning, infrastructure and development processes.	
Identified strategies for greenhouse gas mitigation efforts	High
Comment: City's Climate Action Plan outlines over 200 strategies to reduce GHG communitywide and for munic	cipal operations
Identified strategies for adaptation to impacts	Low
Comment: Two important documents are a start for addressing adaptation impacts 1. General Plan Environmental Resources & Sustainability Element Strategy ES-1.1.3: Climate Adaptation & Re 2. Cupertino's Climate Action Plan Chapter 6 Climate Adaptation & Resiliency.	siliency
Champions for climate action in local government departments	High
Comment: Champions for climate action starts in the City Manager's office and can be found within all levels of within each department. Departments report on their progress towards Climate Action Plan strategies yearly. Ad report that goes to City Council has a section where staff need to explain the sustainability impact of the item.	
Political support for implementing climate change adaptation strategies	High
Comment: A sustainability commission created by the City in 2015 to oversee implementation of the Climate Ac	tion Plan meets quarterly
Financial resources devoted to climate change adaptation	Low
Comment: None provided.	
Local authority over sectors likely to be negative impacted	Medium
Comment: None provided.	
Public Capacity	
Local residents knowledge of and understanding of climate risk	Unknown
Comment: Unknown. This information can be updated after implementation of GP Strategy ES-1.1.3 Climate Vu	ulnerability Assessment,
Local residents support of adaptation efforts	Unknown
Comment: Unknown. This information can be updated after implementation of GP Strategy ES-1.1.3 Climate Vu	ulnerability Assessment,
Local residents' capacity to adapt to climate impacts	Unknown
Comment: None provided.	
Local economy current capacity to adapt to climate impacts	Unknown
Comment: None provided.	
Local ecosystems capacity to adapt to climate impacts	Unknown
Comment: Unknown. This information can be updated after implementation of GP Strategy ES-1.1.3 Climate Vu	ulnerability Assessment,

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3.5 INTEGRATION WITH OTHER PLANNING INITIATIVES

The following describe the jurisdiction's process for integrating the hazard mitigation plan into local planning mechanisms.

3.5.1 Existing Integration

The following plans and programs currently integrate the goals, risk assessment and/or recommendations of the hazard mitigation plan:

- Cupertino General Plan—Currently incorporates information on hazard risks and strategies for hazard
 risk reduction through its development plans and strategies. At the time of the next update, information
 obtained in the update of the hazard mitigation plan will be integrated into the General Plan as
 appropriate.
- Flood Damage Prevention Ordinance—The flood damage prevention ordinance identifies areas at risk
 from the flood hazard and includes specific standards and regulations designed to reduce risk to structures
 within those areas.

3.5.2 Opportunities for Future Integration

The following plans and programs do not currently integrate the goals, risk assessment and/or recommendations of the hazard mitigation plan, but provide an opportunity for future integration:

• **Legal and Regulatory Capabilities**—Those capabilities identified as providing an integration opportunity in Table 3-1 will be reviewed and updated to include information on hazard risk reduction as feasible and appropriate.

3.6 JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 3-10 lists all past occurrences of natural hazards within the jurisdiction.

Table 3-10. Natural Hazard Events				
Type of Event	FEMA Disaster # (if applicable)	Date	Preliminary Damage Assessment	
Heavy Rain	<u> </u>	January 3-13, 2017	Unknown	
Flood	<u> </u>	January 20, 2010	Unknown	
Heavy Rain	_	December 15, 2002	Unknown	
Severe Storm	1203	February 9, 1998	\$25,537,087.33	
Severe Storm	1115	January 4, 1997	\$21,792,068.12	
Severe Storm	1046	March 12, 1995	\$9,331,377.98	
Severe Storm	1044	January 10, 1995	\$17,482,926.56	
Freeze	894	February 11, 1991	Unknown	
Earthquake	845	October 17, 1989	\$1,409,677,726.18	
Flood	758	February 21, 1986	\$10,812,819.38	
Storm	677	February 9, 1983	\$20,746,004.58	
Flood	651	January 7, 1982	\$17,543,819.07	

3.7 JURISDICTION-SPECIFIC VULNERABILITIES

Repetitive loss records are as follows:

- Number of FEMA-identified Repetitive-Loss Properties: 0
- Number of FEMA-identified Severe-Repetitive-Loss Properties: 0
- Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated: 0

Other noted vulnerabilities include:

• Urban street flood—particular areas are prone to street flooding during flash rain events.

3.8 HAZARD RISK RANKING

Table 3-11 presents the ranking of the hazards of concern.

	Table 3-11. Hazard Risk Ranking				
Rank	Hazard Type	Risk Rating Score (Probability x Impact)	Category		
1	Earthquake	48	High		
2	Severe Weather	33	Medium		
3	Flood	25	Medium		
4	Landslide	15	Medium		
4	Wildfire	15	Medium		
5	Drought	9	Low		
6	Dam and Levee Failure	0	Low a		

A dam plan exists for Stevens Creek Reservoir

3.9 STATUS OF PREVIOUS PLAN ACTIONS

The status of previous actions from the 2011 ABAG LHMP for Cupertino can be found in Appendix D of this volume.

3.10 HAZARD MITIGATION ACTION PLAN AND EVALUATION OF RECOMMENDED ACTIONS

Table 3-12 lists the actions that make up the City of Cupertino hazard mitigation action plan. Table 3-13 identifies the priority for each action. Table 3-14 summarizes the mitigation actions by hazard of concern and the six mitigation types.

3.11 ADDITIONAL RESOURCES

The hazard mitigation plan annex development tool-kit was used in the development of this annex to the Santa Clara Operational Area Hazard Mitigation Plan.

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Table 3-12. Hazard Mitigation Action Plan Matrix									
Applies to new or	Hazards	Objectives		Estimated					
existing assets	Mitigated	Met	Lead Agency	Cost	Sources of Funding	Timeline			
CPT-1—Require all new construction, including public facilities, to be built in accordance with the most recent Building and Fire Code standards.									
New and Existing	All hazards	3	Building Division Fire Department	Low	General Fund	Ongoing			
CPT-2— Continue to enforce and/or comply with State-mandated requirements, such as the California Environmental Quality Act and environmental regulations to ensure that urban development is conducted in a way to minimize air pollution. Specifically, develop a Sustainable Land Use and Green Building Policy to expand on the work that was done to achieve these goals in the 2005 General Plan Sustainability Section.									
New and Existing	All hazards	1, 2, 3, 4	Planning Division Public Works	Low	General Fund	Ongoing			
			by subscribing to and supp		1	I			
	Severe Weather	1, 2, 6	Building Division	Medium	General Fund	Ongoing			
CPT-4—Increase recy	cling rates in loca		perations and in the comm	.*					
New and Existing	Wildfire	4, 6	Public Works Sustainability	Medium	General Fund Resource Recovery Fund	Ongoing			
CPT-5— Promote or in various means.	ncrease the resilie	ency of critical a	ınd essential facilities/infra	structure followir	ng a major natural disaster th	rough			
New and Existing	All hazards	3, 8, 9	Building Division Public Works	Medium	General Fund	Ongoing			
CPT-6— Help educate warming pollution.	e the public, school	ols, other jurisd	ictions, professional assoc	iations, business	and industry about reducing	g global			
- -	Severe Weather	2, 4, 6	Sustainability	Medium	General Fund	Ongoing			
CPT-7—Maintain and	update a GIS laye	er of localized f	looding "hot spots" through	out the City.					
New	Flood and Severe Weather	1, 2, 4, 8, 9	Public Works Information Services	Medium	General Fund	Ongoing			
		olan in order to	develop and prioritize capi	tal projects.					
New	Flood and Severe Weather	1, 2, 4, 8, 9	Public Works	Medium	General Fund Storm Fee	Short-term			
CPT-9—Continue to maintain good standing and compliance under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that will, at a minimum, meet the requirements of the NFIP: • Enforcement of the flood damage prevention ordinance • Participate in floodplain identification and mapping updates • Provide public assistance/information on floodplain requirements and impacts.									
New and Existing	Flood	1, 2, 3, 4, 7, 8	Public Works	Low	Staff Time, General Funds	Ongoing			
CPT-10—Where approstructures that have ex			hase or relocation of struc	tures located in h	nigh hazard areas and priorit	ize those			
Existing	All Hazards	4, 5, 6, 7, 8	Planning Division Public Works	High	HMGP, PDM, FMA, CDBG-DR	Short-term			
CPT-11— Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions within the community.									
New and Existing	All Hazards	2, 4	Planning Division	Low	Staff Time, General Funds	Ongoing			
CPT-12—Actively participate in the plan maintenance protocols outlined in Volume 1 of the hazard mitigation plan.									
New and Existing	All Hazards	1, 5	Public Works	Low	Staff Time, General Funds	Short-term			

Table 3-13. Mitigation Strategy Priority Schedule									
Action	# of Objectives Met	Benefits	Costs	Do Benefits Equal or Exceed Costs?	Is Project Grant- Eligible?	Can Project Be Funded Under Existing Programs/ Budgets?	Implementation Priority ^a	Grant Pursuit Priority ^a	
CPT-1	1	High	Low	Yes	No	Yes	Medium	Low	
CPT-2	4	High	Low	Yes	No	Yes	High	Low	
CPT-3	3	Medium	Medium	Yes	Yes	Yes	Medium	Medium	
CPT-4	2	Medium	Medium	Yes	No	Yes	Medium	Low	
CPT-5	3	High	High	Yes	Yes	No	Medium	High	
CPT-6	3	Medium	Medium	Yes	Yes	Yes	Medium	Medium	
CPT-7	5	Medium	Medium	Yes	Yes	Yes	Medium	Medium	
CPT-8	5	High	High	Yes	Yes	Yes	High	High	
CPT-9	5	Medium	Medium	Yes	No	Yes	Medium	Low	
CPT-10	5	High	High	Yes	Yes	No	Medium	High	
CPT-11	2	Medium	Low	Yes	No	Yes	High	Low	
CPT-12	2	Low	Low	Yes	No	Yes	High	Low	

a. See the introduction to this volume for explanation of priorities.

Table 3-14. Analysis of Mitigation Actions									
	Action Addressing Hazard, by Mitigation Type ^a								
Hazard Type	1. Prevention	2. Property Protection	3. Public Education and Awareness	4. Natural Resource Protection	5. Emergency Services	6. Structural Projects	7. Climate Resilient		
Earthquake	CPT-11, CPT-12	CPT-1, CPT-2, CPT-5, CPT-10	CPT-1, CPT-2, CPT-5		CPT-1, CPT-2, CPT-5	CPT-1, CPT-2, CPT-5			
Severe Weather	CPT-3, CPT-6, CPT-11, CPT-12	CPT-2, CPT-5, CPT-10	CPT-2, CPT-5						
Flood	CPT-7, CPT-8, CPT-9, CPT-11, CPT-12	CPT-7, CPT-8, CPT-9, CPT-10	CPT-7, CPT-8, CPT-9		CPT-7, CPT-8, CPT-9				
Landslide	CPT-11, CPT-12	CPT-2, CPT-5, CPT-10	CPT-2, CPT-5						
Wildfire	CPT-11, CPT-12	CPT-2, CPT-10	CPT-2	CPT-2					
Drought	CPT-3, CPT-6. CPT-11, CPT-12	CPT-10	CPT-3, CPT-6						
Dam and Levee Failure	CPT-11, CPT-12	CPT-7, CPT-8, CPT-9, CPT-10	CPT-9		CPT-7, CPT-8, CPT-9				

a. See the introduction to this volume for explanation of mitigation types.

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