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Committee felt there was a high rate of probability for canal failure within Churchill County and the City of Fallon due to the Fernley Canal failure in 2008. The reason for the failure is still under investigation but may have been due to rodent burrows. Churchill County has requested the Army Corp of Engineers complete a detailed study of the canals. A map is included in Appendix B of the canals however, the potential areas for levee breaks will not be available until after this plan is completed. Lidar imaging is currently underway which will allow a study of the areas of impact for a levee break. There is not currently an impact analysis. The Fernley Canal failure can be used as a basis for evaluating the extent of a failure, which would include a few hundred homes, the committee considers the probability high.

All the dams except for the Lahontan dam feed into the canal system and its failure would direct water into the canal system, which could cause heavy damage. A failure of the Lahontan dam however would be extensive along the Carson River drainage and impact the entire City of Fallon and the majority of the residents of Churchill as the major highways would be impacted. The Committee felt there was a low rate of probability for dam failure. A map is included in Appendix B with dam locations.

National Flood Insurance Program (NFIP)

Churchill County participates in the NFIP and has a CRS rating of 10. Although the County does not participate in the CRS the Building Department works closely with the public to ensure that construction standards are met and there is a good understanding of impacts from flooding and measures to minimize impacts. The County does not permit building in the floodway.

The City of Fallon participates in the NFIP. The City does not participate in the CRS. The City has a “nuisance flooding” floodway within the City boundaries and does not permit building in that area as long as the structure is in compliance with established floodway construction standards.

Repetitive Loss

A repetitive loss property is any insurable building for which two or more claims of more than \$1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling ten-year period, since 1978. A repetitive loss property may or may not be currently insured by the NFIP. Currently there are over 122,000 repetitive loss properties nationwide.

The state is working with a variety of stakeholders to reduce the number of properties considered to be repetitive loss properties and to prevent severe repetitive loss properties from developing. The CWSD as a FEMA CTP is working to help identify and reduce impacts associated with repetitive loss properties

FEMA’s Severe Repetitive Loss (SRL) Program was designed in 2004 to provide funding to reduce or eliminate the long-term risk of flood damage to SRL structures insured under the National Flood insurance Program (NFIP).

An SRL property is defined as a residential property that is covered under an NFIP flood insurance policy and:

(a) That has at least four NFIP claim payments (including building and contents) over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; or

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SECTION FIVE

Hazard Analysis

tornado occurrence is 1 in 10-20 years with most being categorized as weak tornadoes (EF0 or EF1 on the Fujita Scale).

Severe wind events in the County occur every year and are the result of 1) winter storms, or 2) severe thunderstorms. There is no particular part of the county more or less prone to these high wind events. Wind gusts in winter storms can often reach 40-60 mph in widespread areas, with gusts in severe thunderstorms being more localized but more intense, up to 80 mph. It is virtually certain the county will see at least one of these types of wind storms each year, often several events per year.

Winter storms that generate heavy rainfall that leads to flooding in the County generally occur once every several years. Snowfall accumulation in the County and City are generally associated with a strong low-pressure system dropping out of the Gulf of Alaska with the higher elevations receiving the greatest amount of snow. Minor snowfalls occur virtually every winter, while more major events with widespread travel and infrastructure impacts are much less frequent. [The potential for winter storms will affect all portions of Churchill County equally. Please refer to See Appendix B, Figure B-5-12 for Potential Winter Storm Areas.](#)

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8.3 EVALUATING AND PRIORITIZING MITIGATION ACTION

The requirements for the evaluation and implementation of mitigation actions, as stipulated in DMA 2000 and its implementing regulations, are described below.

DMA 2000 Requirements: Mitigation Strategy - Implementation of Mitigation Actions

Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): [The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

Element

- Does the mitigation strategy include how the actions are prioritized? (For example, is there a discussion of the process and criteria used?)
- Does the mitigation strategy address how the actions will be implemented and administered? (For example, does it identify the responsible department, existing and potential resources, and timeframe?)
- Does the prioritization process include an emphasis on the use of a cost-benefit review (see page 3-36 of *Multi-Hazard Mitigation Planning Guidance*) to maximize benefits?

Source: FEMA, March 2008.

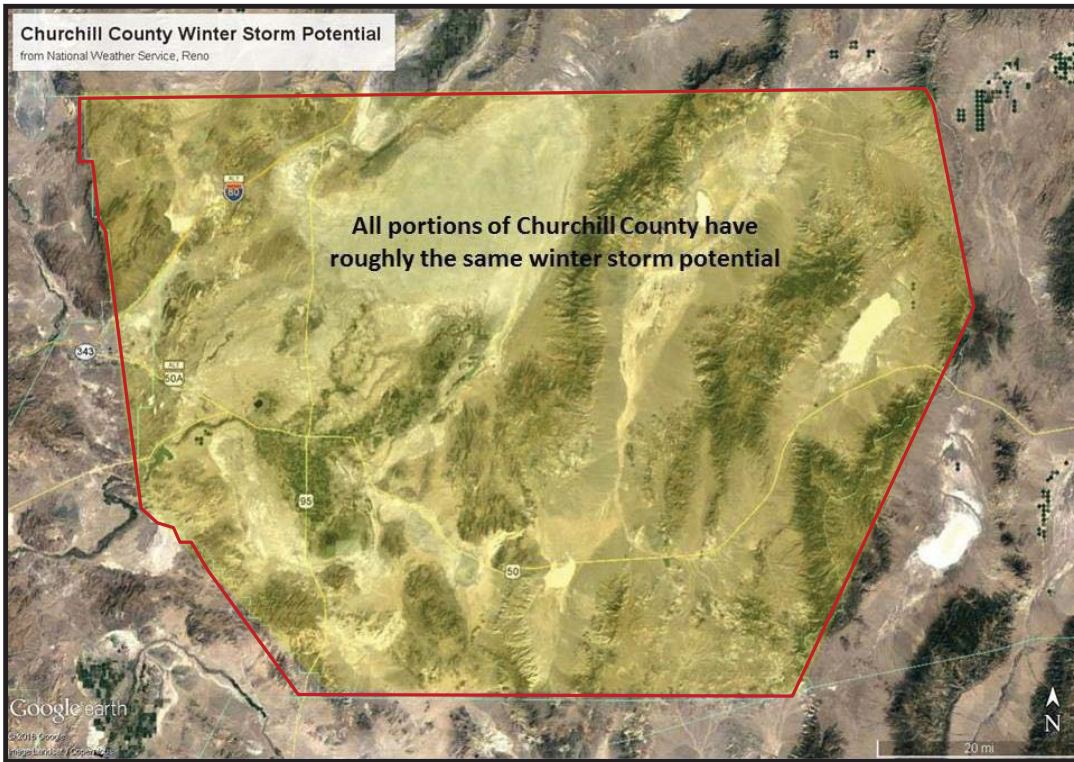
The mitigation actions were finalized during the Planning Committee meeting in September of ~~2014~~2016. At this time the Planning Committee evaluated and prioritized each of the actions. To complete this task, ~~the~~ 16 members of the Planning Committee completed the STAPLE+E evaluation criteria using rankings of one for lowest and five for highest priority, acceptance, feasibility etc. [The documentation of the STAPLE+E worksheets are located in Appendix D at the September 20th 2016 Planning Committee meeting information.](#) The rankings for each action were totaled and the actions with the highest number of points were evaluated by the committee. See Table 8-3 for the evaluation criteria.

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Table 8-3: STAPLE+E Evaluation Criteria for Mitigation Actions

Evaluation Category	Discussion "It is important to consider..."	Considerations
Social	The public Support for the overall mitigation strategy and specific mitigation actions	Community acceptance; adversely affects population
Technical	If the mitigation action is technically feasible and if it is the whole or partial solution	Technical feasibility; Long-term solutions; Secondary impacts
Administrative	If the community has the personnel and administrative capabilities necessary to implement the action or whether outside help will be necessary	Staffing; Funding allocation; Maintenance/operations
Political	What the community and its members feel about issues related to the environment, economic development, safety, and emergency management	Political support; Local champion; Public support
Legal	Whether the community has the legal authority to implement the action, or whether	Local, State, and Federal authority; Potential legal challenge

Appendix B Figures



Potential Winter Storm Areas for Churchill County

Map courtesy of NOAA, January 11, 2017

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STAPLE + E Worksheets completed
at the September 20, 2016
Planning Meeting

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E			PT												
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Considerations →																									
	Mitigation Actions ↓																								
		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Consequences to Economic Goods	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Wildlife Habitat	Consistent with Local / Federal Laws	Priority Total
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MIMP every 10 years. Update Ordinances every 5 years.	3	5	5	5	5	5	5	5	5	4	4	5	5	5	4	4	4	5	5	2	3	1	2	26	
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	3	5	5	5	5	5	5	5	4	4	3	4	5	2	4	3	4	5	2	1	3	1	2	
1.C. Increase GIS and mapping capacity to assess the risks in the County & City.	3	3	5	5	5	5	5	5	5	4	4	3	4	5	2	4	3	4	5	2	1	3	1	2	21
1.D Continue	3	3	5	5	5	5	5	5	5	4	4	3	4	5	2	4	3	4	5	2	1	3	1	2	21

STAPLE + E Evaluation Table																								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)			PT													
Considerations → Mitigation Adaptive ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Building Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Visible Proofing Potential	Effect on Local Water	Effect on Endangered Species	Effect on BLM/BLM/White Stems	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
planning and coordination with state, agency/regional planning for multi-hazardity (applicable to Goals 1-5)	3	3	4	5	5	4	5	5	4	4	3	4	5	5	5	4	4	5	1	1	1	1	3	26
1.1 Integration of new information (i.e. LIDAR, USACE, Canal Report) into County & City planning documents	3		5			5			4			3				4					2			26
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention	3		5			5			4			4				4					2			27
2.B Conduct a minimum of one disaster exercise each year	5	5	4	4	4	3	3	3	3	5	5	2	3	1	5	2	5	2	1	1	1	1	2	24
2.C Prepare, develop, & distribute	4	4	5	4	4	5	5	5	5	5	4	2	5	1	5	4	4	4	1	1	1	1	4	25

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																								
	S (Social)		T (Technical)			A (Administrative)			P (Political)		L (Legal)		E (Economic)			E (Environmental)				PT				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZNAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events	4	4	5	5	5	4	4	4	5	5	4	2	4	2	5	4	4	5	1	1	1	1	3	26
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply.	4	4	5	5	5	5	5	5	5	5	4	3	5	4	5	5	5	5	1	1	1	1	4	28
3.B Encourage public participation in																								

STAPLE + E Evaluation Table																								
	S (Social)		T (Technical)			A (Administrative)			P (Political)		L (Legal)		E (Economic)			E (Environmental)				PT				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Change on	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.	4	4	5	5	5	4	5	5	5	5	4	4	5	4	5	5	5	5	1	1	1	1	3	29
	4		5			5			5			4			5					1				29
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	3	4	5	5	5	4	4	5	5	4	3	3	5	4	5	5	5	5	1	1	1	1	5	36
	3		5			4			4			4			5					1				36
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical																								

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STAPLE + E Evaluation Table												
	S	T	A	P	L	E	E				PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	
Mitigation ↓	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	
											Consistent with Land / Federal Laws	Priority Fund
facility and infrastructure, and retrofit buildings, if necessary.	4	4	4	4	3	3	3	3	3	3	3	21
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	2	2	3	3	2	2	2	2	3	3	3	16
5.A. Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	2	2	3	3	2	2	2	2	3	3	3	16
5.B. Create and implement a training and exercise program relative to:	2	3	2	3	3	2		1	1	1	4	

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	P			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support
Mitigation ↓	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat
epidemics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6.A. Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	5	5	5	5	4	5	5	5	3	3	30
6.B. Install new flood facilities including upgrades of the existing storm drain system to current standards including culverts and channel improvements.	5	5	5	5	4	5	5	5	3	3	31
6.C. Protect and enhance existing water conveyance structures, storage, and											

Meeting Agendas, Sign In Sheet and Handouts

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	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)			E (Environmental)			PT											
	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Building Local Authority	Potential Legal Challenge	Bureaucracy of Action	Cost of Action	Contributes to Economic Goals	Negative Funding Required	Effect on Land & Water	Effect on Endangered Species	Effect on HAZARAT/Waste Sites	Coincident with Native Habitat	Consistent with Local / Federal Laws
Considerations →																							
Migration: Action ↓																							
weather, retrofit public buildings to withstand severe winds and prevent roof collapse/damage	2	3		3					3				3				3			1			18
2 in 1 Enforce shelter facilities to withstand severe weather events (electrical, structural, etc.)	3	4		4					4				4				4			1			24
R.A Develop partnerships for a community based vegetation management program including chipping programs.	4	4		4					4				4				4			1			25
V.A Enforce existing ordinances to reduce public health risks from hazardous materials releases.	3	4		4					4				4				4			1			24

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	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)						
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champions	Public Support	State Authority	Excluding Local Authority
Mitigation Actions ↓													
10. A	2	2	2	2	2	2							
11. A	4	5	5	5	5	5							
12. A	2	2	2	2	2	2							

STAPLE + E Evaluation Table													
	S	T	A	P	L	E	E	PT					
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)						
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champions	Public Support	State Authority	Excluding Local Authority
Mitigation Actions ↓													
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHPMP every 10 years. Update Ordinances every 3 years.	4 3 4	3 2 3 2	3 3 3 2	4 4 2 2	2 2 2 2	3 2 3 2 3	5 5 2 4 2 3	24					
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3 2 3	2 2 2 2	3 3 2 2	4 4 3 2	4 2 4 2	3 2 3 2 3	5 5 2 4 2 3	21					
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	5 2 5	4 4 4 3	4 4 4 4	4 4 3 3	3 3 3 2 4	4 3 3 3	5 4 1 5 1 2	29					
1.D. Continue													

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	S	T	A	P	L	E	E	E	E	E	E	E	PT
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)	(Environmental)	(Environmental)	(Environmental)	(Environmental)	(Environmental)	
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Enforcing Local Authority
Mitigation Actions													
Planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 2-5)	2	3	4	3	3	3	3	3	3	3	3	3	20
1.B. Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents	3	3	3	3	3	3	3	3	3	3	3	3	19
2.A. Utilize social media as a communication tool, as well as an education tool for hazard loss prevention	4	5	5	4	4	4	5	5	4	4	4	4	27
2.B. Conduct a minimum of one disaster exercise each year	3	2	3	3	3	4	4	4	5	4	4	3	21
2.C. Prepare, develop, & distribute	2	3	4	4	4	5	4	4	3	3	3	3	21

STAPLE + E Evaluation Table													
	S	T	A	P	L	E	E	E	E	E	E	E	PT
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)	(Environmental)	(Environmental)	(Environmental)	(Environmental)	(Environmental)	
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Enforcing Local Authority
Mitigation Actions													
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events	2	2	2	2	2	2	2	2	3	3	2	2	15
2.A. Partner studies and technical support with upstream agencies to determine impacts of drought conditions, including aquifer water quality, ground mobilization, economic impacts and municipal/private well water supply	5	5	4	4	4	4	4	4	4	4	4	5	29
2.B. Encourage public participation in													

Meeting Agendas, Sign In Sheet and Handouts

STABLE + E Evaluation Table																								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)				PT												
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Building Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZARDOUS Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
 <u>drought strategies</u> <u>through public</u> <u>information</u> <u>programs on</u> <u>water conservation and</u> <u>drought resistant</u> <u>landscaping and</u> <u>through scientific</u> <u>tools estimates.</u>	4	3	3	3	3	3	3	3	4	4	3	2	2	2	4	4	3	3	5	3	3	4	4	
<u>4.A Continue to</u> <u>reinforce the</u> <u>International</u> <u>Building Code</u> <u>(IBC) provisions</u> <u>pertaining to</u> <u>grading and</u> <u>retention</u> <u>relative to seismic</u> <u>hazards.</u> Update <u>County Codes to</u> <u>IBC 2012 when it</u> <u>is released.</u>	4	3	3	2	2	2	2	2	3	1	2	1	3	1	4	5	4	3	2	1	1	1	5	
<u>4.B Implement</u> <u>an Unreinforced</u> <u>Masonry (URM)</u> <u>building program</u> <u>that determines</u> <u>the structural</u> <u>safety of critical</u>	4		3			2			3			2			4						3			2

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E			PT													
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Picking Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Growth	Double Funding Required	Effect on Use of Water	Effect on Endangered Species	Effect on BAZMA/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation ↓																							Priority Total
facility and infrastructure, and materials, buildings, if necessary.	2	5	4	2	2	2	2	2	2	5	2	4	4	4	5	2	5	2	2	1	1	2	2
4.C. Implement an Unadorned Masonry (URM) building program that <u>determines</u> the structural safety of existing building, <u>strengthen</u> , and <u>retrofit</u> buildings, if necessary.	3		3				2									4				2			2
5.A. Improve communication, collaboration and integration among <u>stakeholders</u> and promote <u>awareness of</u> <u>disaster</u> <u>threats</u> .	4	5	4	4	4	4	4	4	5	5	4	4	4	4	4	2	4	1	1	1	1	4	29
5.B. Create & implement a training and exercise program relative to	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	1	1	1	1	4
	3		2				2				3				3	3				4			20

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STAPLE + E Evaluation Table													
	S	T	A	P	L	E	E	PT					
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)						
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Enforcing Local Authority
Mitigation Actions													
epidemics													
4.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	44	44	44	44	44	44	44	44	44	44	44	44	28
4.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	3												21
6.C Protect and enhance existing water conveyance structures, storage, and													

STAPLE + E Evaluation Table													
	S	T	A	P	L	E	E	PT					
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)						
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Enforcing Local Authority
Mitigation Actions													
treatment facilities to reduce impact from flood.	2												14
6.D Formalize agreements to utilize federal funds to spread flood and precautionary release waters.	4												18
6.E Land acquisition of repetitive loss structures.	2												14
6.F Improve natural waterways in County for drainage.	2												14
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	4												28
7.A In areas at risk to severe													

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E		E		E		E		E		E		E		E		PT		
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)		(Environmental)		(Environmental)		(Environmental)		(Environmental)		(Environmental)		(Environmental)		(Environmental)				
Considerations		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shifting	Feasible Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land Water	Effect on Endangered Species	Effect on HAZMAT/Weak Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions																									
10.A. retrofit public buildings to withstand severe loads and never which to prevent total collapse damage	2																							14	
7.D Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	2																							14	
8.A Develop partnerships for a community based vegetation management program including shipping programs	2																							14	
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases	4																							28	

STAPLE + E Evaluation Table																									
		S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)			E (Environmental)					PT										
Considerations →	Mitigation Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shifting	Feasible Allocated	Maintenance/ Operation	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Weak Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
10.A	10A retrofit public buildings to withstand severe loads and never which to prevent total collapse damage	1																							7
10.B	10B retrofit public buildings to withstand severe loads and never which to prevent total collapse damage	3																							21
11.A																									
10C	10C retrofit public buildings to withstand severe loads and never which to prevent total collapse damage	4																							28

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																								
	S	T	A	P	L	E		E		PT														
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)		(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Wet Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed to the MHMP every 10 years. Update Ordinances every 3 years.	5		4			3					5		4				5				2			28
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	5		4			4			3			3				3					2			24
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	4		4			4			4			4				4					4			29
1.D. Continue																								

STAPLE + E Evaluation Table													PT							
	S (Social)	T (Technical)		A (Administrative)		P (Political)	L (Legal)	E (Economic)		E (Environmental)										
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority								
Mitigation Actions ↓									Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority: Total
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 1-5).	3		3			3			3			3								22
1.E Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents	4		4			4			3			3								25
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	5		5			4			4			5								31
2.B Conduct a minimum of one disaster exercise each year.	5		5			4			5			5								34
2.C Prepare, develop, & distribute	4		4			4			3			3								24

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions											
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events											
3.A Perform studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply.	5	4	4	5	5	4					27
3.B Encourage public participation in											

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions											
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.	5	4	4	3	4	3					26
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	5	5	4	5	5	5					34
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical	5	5	4	5	5	5					34

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E			PT												
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Consideration →		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation ↓																									
facility and infrastructure, and retrofit buildings, if necessary																									
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.		5	3	2	3	5											3				3				24
5.A. Improve communications, collaboration and integration among stakeholders and promote awareness of epidemic threats.		3	3	2	1	2											2				2				15
5.B. Create & implement a training and exercise program relative to																									

STAPLE + E Evaluation Table																								
		S	T	A	P	L	E			E			P											
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)														
Considerations →		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation Actions ↓																								Priority Total
epidemics		1			2											1								5
5.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.		2	2	1	2	1											1			2				11
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.		4	4	4	5	4											5			5				31
6.C Protect and enhance existing water conveyance structures, storage, and		5	4	4	3	3											4			2				25

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																							
	S		T		A		P		L		E		E		E		E		PT				
	(Social)		(Technical)		(Administrative)		(Political)		(Legal)		(Economic)		(Environmental)										
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation ↓																						Priority Total	
treatment facilities to reduce impact from flood.																							
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.	5		5			4			5			5				5				5			34
6.E Land acquisition of repetitive loss structures.	1		1			1			1			1				1				1			7
6.F Improve natural waterways in County for drainage.	5		3			2			2			3				5				4			24
6.G Implement multiple diversion projects for flood reduction along the Canon River and canal system.	5		3			2			2			2				4				4			22
7.A In areas at risk to severe																							

STAPLE + E Evaluation Table																								
		S	T	A	P	L	E	E												PT				
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Boundary for plans	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation ↓																								Priority Total
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage		1	1	1	1	1												1						7
7.B Enhance shelter facilities to withstand severe weather events (structural, structural, etc.)		4	3	3	4	4												2						22
8.A Develop partnerships for a community based vegetation management program including chipping programs		2	2	2	3	2												2						15
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases		5	5	3	4	5												3						28

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E															PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation ↓																							
10. A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11. A	5	1	5	1	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12. A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E	PT															
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation ↓																							Priority Total
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MSHMP every 10 years. Update Ordinances every 3 years.	5																						35
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	5																						35
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	4																						40
1.D. Continue																							25

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STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)			PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation Actions ↓												
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 3-9)	5	—	—	—	—	—	—	—	—	—	—	—
1.E Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents.	5	—	—	—	—	—	—	—	—	—	—	—
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	5	—	—	—	—	—	—	—	—	—	—	—
2.B Conduct a minimum of one disaster exercise each year.	5	—	—	—	—	—	—	—	—	—	—	—
2.C Prepare, develop, & distribute	5	—	—	—	—	—	—	—	—	—	—	—
PRIORITY TOTAL												25

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)			PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation Actions ↓												
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events	5	—	—	—	—	—	—	—	—	—	—	—
3.A Pursue studies and formalized agreements with appropriate agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply.	5	—	—	—	—	—	—	—	—	—	—	—
3.B Encourage public participation in	5	—	—	—	—	—	—	—	—	—	—	—
PRIORITY TOTAL												35

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A		P	L	E	E		E												PT		
		(Social)	(Technical)	(Administrative)		(Political)	(Legal)	(Economic)	(Environmental)		(Environmental)														
Considerations →		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land Water	Effect on Endangered Species	Effect on Hazardous Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓		drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.																							

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E			PT												
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Consideration →	Mitigation Action ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on Hazardous Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
facility and infrastructure, and retrofit buildings, if necessary.																									
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.		5																							5
5.A. Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.		5																							5
5.B. Create & implement a training and exercise program relative to		5																							5

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT
Consideration → Mitigation ↓ Action	Community Acceptance Effect on Segment of Population Technical Feasibility Long-term Solution Secondary Impacts Staffing Funding Allocation Maintenance/Operation Political Support Local Champion Public Support State Authority Enforcing Laws/Authority Potential Legal Challenge Benefits of Action Cost of Action Contribution to Economic Goals Outside Funding Required Effect on Land/Water Effect on Endangered Species Effect on BIODIVERSITY Status Consistent with Native Habitat Consistent with Local/Federal Laws							Priority Total
epidemics	6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.							
\$	6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.		3			5		
	6.C Protect and enhance existing water conservation structures, storage, and							

[illegible]

Meeting Agendas, Sign In Sheet and Handouts

[illegible]

STAPLE + E Evaluation Table																								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT																
Considerations →	Community Acceptance	Affect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on 110-200A17 Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	
Mitigation Actions ↓																								
10. A	8	1																						51
11. A	2	1																						39
12. A	2	1																						14

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table												
	S	T	A	P	L	E	E	PT				
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shifting	Pending Allocation	Administrative Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation Actions ↓												
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHMP every 10 years. Update Ordinances every 3 years.	4	5	5	5	5	3	5					32
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	5	5	5	5	5	5					33
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	4	5	5	5	5	5	5					34
1.D. Continue												

STAPLE + E Evaluation Table												
	S	T	A	P	L	E	E	PT				
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shifting	Pending Allocation	Administrative Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation Actions ↓												
planning and coordination with multi-agency/regional planning for multi-hazard (applies to Goals 1-5).	4	5	5	5	5	5	5					34
1.E. Integration of new information (i.e. IHDAR, USACE Canal Report) into County & City planning documents.	5	5				5	5					20
2.A. Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	3	3	2/3	2	1	3	4					19
2.B. Conduct a minimum of one disaster exercise each year.	5	5	5	5	5	3	5					33
2.C. Prepare, develop, & distribute												

Meeting Agendas, Sign In Sheet and Handouts

[illegible]

STABLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)		PT
Considerations →	Community Acceptance Effect on Segment of Population	Technical Feasibility Long-term Solution Secondary Impacts	Staffing Funding Allocated Maintenance Operations	Political Support Local Champion	Public Support	State Authority Building Local Authority Potential Legal Challenge	Benefit of Action Cost of Action Contributors to Economic Costs Outside Funding Required Effect on Land Water Effect on Endangered Species Effect on HAZMA/TW wet Sites Consistent with Natio Habitat Consistent with Local / Federal Laws		Priority Total
Mitigation Actions ↓									
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.	5	5	5	5	5	5	5		35
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	3	5			5	5	5		23
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical	4	5		3	4	5	5		26

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table													
	S	T	A	P	L	E	E	PT					
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)						
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority
Mitigation Actions ↓													
facility and infrastructure, and retrofit buildings, if necessary.													
4.C. Implement an Unconsolidated Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	3	5	3	4	4	5							29
5.A. Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats	5			5	5	5						3	23
5.B. Create & implement a training and exercise program relative to	3	4				3						2	13

STAPLE + E Evaluation Table													
	S	T	A	P	L	E	E	PT					
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)						
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority
Mitigation Actions ↓													
epidemics													
6.A. Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control	5	5	5	5	5	5						5	35
6.B. Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements	3	3	3	3	4	5						5	26
6.C. Protect and enhance existing water conveyance structures, storage, and	5	5	3	3	3	5						5	24

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STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion
Mitigation ↓										
treatment facilities to reduce impact from flood.										
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.										
6.E Land acquisition of repetitive loss structures.										
6.F Improve natural waterways in County for drainage.										
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	3	4	4	3	4	4		5	23	23
7.A In areas at risk to severe										

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion
Mitigation ↓										
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	3	2	2	2	2	3		2	16	16
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	2	2	2	2	2	2		2	14	14
8.A Develop partnerships for a community based vegetation management program including chipping programs.										
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	5	5	1	2	3	3		5	24	24

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STAPLE + E Evaluation Table											
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓											
10. A	5	4	4	5	5	5		5			22
11. A	3	5	5	5	5	5		5			23
12. A	1	1	1	1	1	1		1			7

STAPLE + E Evaluation Table											
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓											
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHIMP every 10 years. Update Ordinances every 3 years.	1	4	3	5	5	5		3			26
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	5	5	3	2	5		4			27
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	4	4	5	4	5	5		4			27
1.D. Continue											

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)			PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority
Mitigation ↓	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZMAT/Water Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Planning and coordination with multi-agency/regional planning for multi-hazards applies to Goals 3-5.	1	3	5	5	3	4	3					24
1.E Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents.	4	4	5	4	3	4	3					27
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	5	4	5	5	3	5	2					27
2.B Conduct a minimum of one disaster exercise each year.	4	4	3	2	5	3	2					23
2.C Prepare, develop, & distribute												

STAPLE + E Evaluation Table												
	S	T	A	P	L	E	E	PT				
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champions	Public Support	State Authority
Mitigation ↓	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZMAT/Water Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events.	5	4	5	5	5	4	3					31
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply.	5	5	4	5	5	5	5					34
3.B Encourage public participation in												

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support
Mitigation Actions ↓											
Stronger strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances	5	4	5	5	4	4	5				32
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	3	4	4	3	5	5	4				28
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical											

STAPLE + E Evaluation Table											
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support
Mitigation Actions ↓											
facility and infrastructure, and retrofit buildings, if necessary.	5	5	5	5	5	5	4				34
4.C Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	3	5	5	5	5	5	3				31
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	3	3	4	4	3	4	2				23
5.B Create & implement a training and exercise program relative to	3	3	4	3	3	3	2				21

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E	PT															
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation ↓																							
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	4	5	5	5	5	5	5																
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	4	5	4	4	3	5	5																
6.C Protect and enhance existing water conveyance structures, storage, and																							

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E	PT															
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local/ Federal Laws
Mitigation ↓																							Priority
treatment facilities to reduce impact from flood.	4	5		5		5			5			5			5				5				34
6.D Formulate agreements to utilize federal lands to spread flood and precautionary release waters.	2	4		4		3			4			5			5				5				25
6.E Land acquisition of respective loss structures.	4	3		3		5			5			5			4				3				27
6.F Improve natural waterways in County for drainage.	3	5		4		4			4			3			5				5				29
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	3	5		3		3			3			5			5				5				29
7.A In areas at risk to severe																							

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		P		
Considerations →	Continuity Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation ↓	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority
	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Public Trust		
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage	2	2	2	2	2	4	2	16				
7. In Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	2	4	3	3	4	4	2	22				
8.A Develop partnerships for a community based vegetation management program including chipping programs	3	3	2	2	2	3	5	30				
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases	4	3	4	5	5	3	5	29				

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)				PT	
Considerations →	Continuity Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation ↓	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority
								Potential Legal Challenge			Benefit of Action	Cost of Action
								Contributes to Economic Goals			Outside Funding Required	Effect on Land/ Water
								Effect on Endangered Species			Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat
								Consistent with Federal Laws				Consistent with Local / Federal Laws
												Priority Total
10. A	2	2	3	3	2	5	3					20
11. A	5	5	5	5	5	5	2					32
12. A	1	1	2	3	3	4	5					19

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champions
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
	Effect on Hazardous Waste Sites	Effect on Hazardous Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total					
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MBMP every 10 years. Update Ordinances every 12 years.	2	1	2	4	4	2	3			18
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	3	5	2	2	2	2			19
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	2	4	3	1	1	4	4			19
1.D. Continue										

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champions
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
	Effect on Hazardous Waste Sites	Effect on Hazardous Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total					
Planning and coordination with multi-jurisdictional planning for multi-hazards (applies to Goals 3.2).	3	3	3	4	3	2	4			23
1.E. Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents.	2	4	4	2	2	3	3			20
2.A. Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	4	2	3	1	3	3	2			18
2.B. Conduct a minimum of one disaster exercise each year.	4	3	3	2	2	3	2			19
2.C. Prepare, develop, & distribute										

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events.	4	3	4	2	3	3		2		21
3.A Permit studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including water quality, ground stabilization, economic impacts and municipal/private well water supply.	2	4	3	2	4	4		4		23
3.B Encourage public participation in										

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
drought strategies through public information programs on water conservation and drought resistant landscaping; and through building code ordinances.	4	3	4	2	2	3		3		21
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	2	4	4	2	4	5		4		25
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical										

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		PT
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion
Mitigation ↓										
facility and infrastructure, and retrofit buildings, if necessary.	2	3	4	2	4	4		2		21
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing buildings (inventory, and retrofit buildings, if necessary).	2	3	4	2	4	4		2		21
5.A. Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	3	3	4	2	2	2		2		18
5.D. Create & implement a training and exercise program relative to:	4	4	4	4	3	3		3		25

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		PT
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion
Mitigation ↓										
epidemics										
6.A. Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	4	4	4	3	3	4		4		26
6.B. Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	2	5	2	3	3	3		4		22
6.C. Protect and enhance existing water conveyance structures, storage, and										

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Endangered Species	Effect on HAZMAT/Waste Sites
									Consistent with Native Habitat	Consistent with Local / Federal Laws
										Priority Total
6.12 treatment facilities to reduce impact from flood.	1	4	2	3	3	3	4	20		
6.13 Formalize agreements to utilize federal lands to spread flood and precautionary release waters.	1	4	4	5	5	2	2	23		
6.1. Land acquisition of repetitive loss structures.	1	1	4	4	4	3	5	22		
6.2 Improve natural waterways in County for drainage.	1	4	4	4	4	2	5	24		
6.3 Implement multiple diversion projects for flood reduction along the Carson River and canal system.	3	4	3	3	3	4	4	24		
7. A. Is area at risk to severe										

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Endangered Species	Effect on HAZMAT/Waste Sites
									Consistent with Native Habitat	Consistent with Local / Federal Laws
										Priority Total
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	2	4	3	2	4	4	3	22		
7. B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	3	4	3	2	3	3	2	20		
8. A Develop partnership for a community based vegetation management program including chipping program.	4	2	3	1	1	3	4	18		
9. A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	3	3	5	5	5	3	4	28		

Meeting Agendas, Sign In Sheet and Handouts

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STAPLE + E Evaluation Table								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT
Considerations → Mitigation Actions ↓	Community Assistance Effect on Segment of Population	Technical Feasibility Long-term Solution Secondary Impacts	Funding Allocation Maintenance/Operations Staffing	Political Support Local Champion Public Support	Enforcing Local Authority Potential Legal Challenge Benefits of Action	Contributes to Economic Goals Cost of Action Contributes to Economic Goals Outside Funding Required	Effect on Land and Water Effect on Endangered Species Effect on Hazardous Waste Sites Consistent with Native Habitat Consistent with Local / Federal Laws	Priority Total
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHMP every 10 years. Update Ordinances every 5 years.	2	2	2	2	2	2	2	14
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	2	4	4	4	4	3	3	24
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	2	3	3	3	3	2	1	19
1.D. Continue								

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STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required
	Effect on Endangered Species	Effect on Invasive/Noxious Species	Effect on HAZMAT/Water Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total			
Planning and coordination with multi-agency/regional planning for multi-hazardity (Applies to Goals 1-5)	5	5	5	5	5	5	5	35	
1.E Integration of new information (i.e. IEDAR, UNACE, Canal Report) into County & City planning documents	1	4	2	2	2	2	4	17	
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	5	5	5	5	5	5	5	35	
2.B Conduct a minimum of one disaster exercise each year.	1	3	4	4	4	1	1	18	
2.C Prepare, develop, & distribute	3	1	2	4	2	1	2	15	

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required
	Effect on Endangered Species	Effect on Invasive/Noxious Species	Effect on HAZMAT/Water Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total			
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events									
3.A Perform studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply.	5	2	3	5	2	4	5	26	
3.B Encourage public participation in									

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STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
									Effect on HAZMAT/Waste Sites	Consistent with Native Habitat
									Consistent with Local / Federal Laws	Priority Total
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code enforcement.	5	4	2	4	2	2		4		23
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	2	4	2	2	4	2		2		18
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical	2	2	2	2	2	2		2		14

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
									Effect on HAZMAT/Waste Sites	Consistent with Native Habitat
									Consistent with Local / Federal Laws	Priority Total
facility and infrastructure, and retrofit buildings, if necessary.										
4.C Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	2	3	2	2	2	3		2		16
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	3	1	1	3	1	1		1		11
5.B Create & implement a training and exercise program relative to	3	3	3	3	3	3		3		21

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STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support
Mitigation ↓									
epidemics									
4. A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	3	3	3	3	3	3	3		21
4. B Install new flood facilities including upgrades of the existing storm drain system to current standards including diversions and channel improvements.	3	1	1	2	3	1	3		14
4. C Protect and enhance existing water conveyance structures, storage, and	4	2	2	3	3	1	2		17

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support
Mitigation ↓									
treatment facilities to reduce impact from flood.									
6. D Formalize agreements to utilize federal funds to spread flood and precautionary release waters.	1	2	2	3	3	3	3		17
6. E. Land acquisition of repetitive loss structures.	1	1	1	1	1	1	1		7
6. F Improve natural waterways in County for drainage.	2	2	2	4	2	3	3		18
6. G Implement multiple diversion projects for flood reduction along the Canon River and canal system.	2	2	2	2	2	2	2		14
7. A Is area at risk to severe									

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)			E (Environmental)					PT										
Considerations →	Mitigation Actions	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribute to Economic Goals	Outside Funding Required	Effect on Land Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
	weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage	1		1						1	1			1			1			1				7	
	7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	2		1				1		2	2			2			2				1			11	
	8.A Develop partnerships for a community based vegetation management program including chipping programs	1		1				1			1			1			1				1			7	
	9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases	2	2		2			2		2	2			2			2				2			14	

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance Effect on Segment of Population	Technical Feasibility Long-term Solution Secondary Impacts	Staffing Funding Allocated Minimizes / Operations	Political Support Local Champion Public Support	State Authority Existing Local Authority Potential Legal Challenge	Benefit of Action Cost of Action Contribution to Economic Goals Outside Funding Required	Effect on Local Water Effect on Endangered Species Effect on HABITAT/ Wet Sites Consistent with Native Habitat Consistent with Local / Federal Laws		Score/ Total
Mitigation Actions ↓									
10. A	2	1	1	1	1	3	3		10
11. A	3	1	1	2	1	1	1		10
12. A	1	2	2	2	2	2	1		12

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT
Considerations → Mitigation Actions ↓	Community Awareness Effect on Segment of Population Technical Feasibility Long-term Solution Secondary Impacts Staffing Funding Allocated Maintenance / Operations Political Support Local Champions Public Support State Authority Existing Local Authority Potential Legal Challenge Benefit of Action Cost of Action Contributes to Economic Goals Outside Funding Required Effect on Land/ Water Effect on Endangered Species Effect on HAGAA/TW and Sites Consistent with Native Habitat Consistent with Local / Federal Laws							Prognosis Total
I.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MIMP every 10 years. Update Ordinances every 3 years.	2	3	4	3	1	2	R	15
I.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	2	3	3	3	1	1	D	13
I.C. Increase GIS and mapping capability to assess the risks in the County & City.	1	4	2	2	2	3	D	14
I.D. Continue								

[illegible]

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E	E		E		PT													
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		(Environmental)															
Considerations →	Mitigation ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Boundary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Change on	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Local Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events		4	3	3	2	2											2				0			16	
3.A Pursue studies and formalized agreements with upstream agencies to maintain impacts of drought conditions, including aquifer water quality; ground stabilization; economic impacts and municipal/private well water supply.		3	5	4	5	4											4				3			28	
3.B Encourage public participation in																									

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E						PT									
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Considerations →		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Boundary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation ↓																									
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.		4	4	3	3	2										2		2		3				21	
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.		4	4	4	4	3										4		4		3				26	
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical																									

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
facility and infrastructure, and retrofit buildings, if necessary.	4	4	3	4	4	5			3	26
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	5	4	4	4	4	5			3	29
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	4	5	4	4	4	5			4	30
5.B Create & implement a training and exercise program relative to	5	4	3	3	2	4			0	21

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenges	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
epidemics										
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	4	5	4	4	4	5			5	23
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	4	4	4	3	2	5			5	27
6.C Protect and enhance existing water conveyance structures, storage, and										

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓						State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals
						Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
											Priority Total
Investment facilities to reduce impact from flood.	4	4	4	4	2	4		4			24
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.	5	4	4	5	5	4		5			32
6.E Land acquisition of repetitive loss structures.	4	2	2	4	3	4		1			20
6.F Improve natural waterways in County for drainage.	4	5	4	3	4	4		4			22
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	4	4	4	4	2	4		5			27
7.A. In areas at risk to severe											

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓						State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals
						Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
											Priority Total
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	2	2	2	3	3	5		3			20
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.).	2	4	4	2	2	4		2			20
8.A Develop partnerships for a community-based vegetation management program including chipping program.	1	3	3	2	1	2		1			13
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	4	5	4	2	2	3		5			25

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Technical Feasibility	Staffing	Political Support	State Authority	Benefit of Action	Effect on Endangered Species		
Mitigation ↓	Effect on Segment of Population	Long-term Solution	Funding Allocated	Local Champion	Existing Local Authority	Cost of Action	Effect on HAZMAT/Waste Sites		
		Secondary Impacts	Maintenance Operations	Public Support	Potential Legal Challenge	Contributes to Economic Goals	Consistent with Native Habitat		
						Outside Funding Required	Consistent with Local / Federal Laws		
10. A	1	4	2	2	2	5	5	21	
11. A	4	5	4	4	4	24	4	99	
12. A	1	1	1	1	1	2	4	11	

Historical
Site history

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Technical Feasibility	Staffing	Political Support	State Authority	Benefit of Action	Effect on Endangered Species		
Mitigation ↓	Effect on Segment of Population	Long-term Solution	Funding Allocated	Local Champion	Existing Local Authority	Cost of Action	Effect on HAZMAT/Waste Sites		
		Secondary Impacts	Maintenance Operations	Public Support	Potential Legal Challenge	Contributes to Economic Goals	Consistent with Native Habitat		
						Outside Funding Required	Consistent with Local / Federal Laws		
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHMP every 10 years. Update Ordinances every 3 years.	4	4	4	4	4	4	4	28	
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	4							28	
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	4							28	
1.D. Continue									

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table													
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	
Mitigation Actions ↓													
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 3-5)	4												28
1.B Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents	3												21
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention	3												21
2.B Conduct a minimum of one disaster exercise each year	4												28
3.C Prepare, develop, & distribute													

STAPLE + E Evaluation Table																							
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		PT													
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Program	Effect on Local/ Water	Effect on Endangered Species	Effect on Hazard/TW water Sinks	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation Actions ↓																							
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events	4																						28
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply	5																						35
3.B Encourage public participation in																							

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocation	Maintenance/ Operations	Political Support	Local Champion
Mitigation Actions ↓										
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code refinements.	4	4	4	4	4	4	4			28
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	4	4	4	4	4	4	4			28
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical										

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocation	Maintenance/ Operations	Political Support	Local Champion
Mitigation Actions ↓										
Facility and infrastructure, and retrofit buildings, if necessary.	4	4	4	4	4	4	4			28
4.C Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	4	4	4	4	4	4	4			28
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	4	4	4	4	4	4	4			28
5.B Create and implement a training and exercise program relative to:	3	3	3	3	3	3	3			24

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocation	Maintenance/ Operations	Political Support	Local Champion
Mitigation ↓										
epidemics										
6. A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	4	4	4	4	4	4	4			28
6. B Install new flood facilities including upgrades of the existing storm drain system to current standards including culverts and channel improvements.	4	4	4	4	4	4	4			28
6. C Protect and enhance existing water conveyance structures, storage, and										

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocation	Maintenance/ Operations	Political Support	Local Champion
Mitigation ↓										
treatment facilities to reduce impact from flood.	3	3	3	3	3	3	3			21
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.	3	3	3	3	3	3	3			21
6. E. Land acquisition of repetitive loss structures.	4	4	4	4	4	4	4			28
6.F Improve natural waterways in County for drainage.	4	4	4	4	4	4	4			28
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	4	4	4	4	4	4	4			28
7.A Is area at risk to reverse										

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)			E (Environmental)			PT												
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	28
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	35
8.A Develop partnerships for a community-based vegetation management program including chipping programs	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	28
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	35

STAPLE + E Evaluation Table																								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)				PT												
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solutions	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land & Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
10. A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	21
11. A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	21
12. A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	14

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table

	S	T	A	P	L	E	E	PT																
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation ↓																								
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHMP every 10 years. Update Ordinances every 3 years.	3	4	5	5	5	3		1																26
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	3	4	5	5	1		1																27
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	4	4	5	5	5	3		1																27
1.D. Continue																								

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E				PT											
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Considerations →	Mitigation ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
		planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 1-5).	2	4	5	5	5	5									5				3				29
		1.E Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents.	3	5	5	5	5	4									4				4				30
		2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	4	3	4	4	4	4									4				1				24
		2.B Conduct a minimum of one disaster exercise each year.	5	5	5	5	5	5									5				5				35
		2.C. Prepare, develop, & distribute																							

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population								
→ Mitigation Actions ↓	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
							Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action
							Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
							Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
appropriate public information about hazard mitigation programs and projects as County and City-sponsored events.	4	3	4	4	5	4	1			21
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions including aquifer water quality, ground stabilization, economic impacts and multi-jurisdictional well water supply.	5	4	5	5	4	4	4			27
3.B Encourage public participation in										

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population								
→ Mitigation Actions ↓	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
							Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action
							Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
							Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.	5	4	4	4	3	5	5			30
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	5	5	4	4	4	4	4			30
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical										

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table									
	S	T	A	P	L	E	E	PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support
Migration Actions ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Requested
	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total			
facility and infrastructure, and retrofit buildings, if necessary.	3	3	4	4	4	5	2	25	
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofits buildings, if necessary.	3	3	3	3	3	3	2	20	
5.A. Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	3	3	3	3	3	3	3	21	
5.B. Create & implement a training and exercise program relative to:	4	4	4	4	4	4	1	25	

STAPLE + E Evaluation Table									
	S	T	A	P	L	E	E	PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support
Migration Actions ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Requested
	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total			
epidemics									
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	4	4	5	5	3	4	2	27	
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	2	2	2	2	2	2	4	16	
6.C Protect and enhance existing water conveyance structures, storage, and	3	3	3	3	3	3	4	22	

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STAPLE + E Evaluation Table																								
	S	T	A	P	L	E	E				PT													
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champions	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation ↓																								
treatment facilities to reduce impact from flood.																								
6.D Formulate agreements to utilize federal lands to spread flood and precautionary release waters.	4	4	4	5					4					4						4				29
6.E Land acquisition of repetitive loss structures.	4	3	2	2					1					4						4				20
6.F Improve natural waterways in County for drainage.	4	4	5	5					3					3						5				24
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	2	4	3	3					3					3						4				22
7.A Is area at risk to severe																								

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champions	Public Support
Mitigation ↓	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat
											Consistent with Local/ Federal Laws
											Priority Total
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	3	3	3	3	3	3		3			21
7.B Enhance shelter facilities to withstand severe weather events (structural, etc.).	3	4	5	5	5	5		4			31
8.A Develop partnerships for a community based vegetation management program including chipping program.	4	4	2	2	5	4		4			25
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	4	5	5	5	5	4		4			32

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion
Mitigation ↓										
10. A	1	1	1	1	1	1	1	1	1	7
11. A	2	2	2	2	2	2	2	2	2	14
12. A	1	1	1	1	1	1	1	1	1	7

1 → 5
100

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion
Mitigation ↓										
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MIBMP every 10 years. Update Ordinances every 3 years.	1	1	1	1	1	1	1	1	1	7
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	1	1	1	1	1	1	1	1	1	7
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	1	1	1	1	1	1	1	2	1	8
1.D. Continue										

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table									
	S	T	A	P	L	E	E	PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required
	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total				
planning and coordination with multi-agency/regional planning for multi-hazards applies to Goals 3-5)	1	1	7	1	1	1	1	7	
1.E Integration of new information (i.e. LIDAR, USACE Canal v. Report) into County & City planning documents	2	2	1	1	1	2	1	10	
2.A Utilize social media as a communications tool, as well as an education tool for hazard loss prevention	1	1	1	1	1	1	1	7	
2.B Conduct a minimum of one disaster exercise each year	1	2	3	1	1	2	2	17	
2.C Prepare, develop, & distribute									

STAPLE + E Evaluation Table									
	S	T	A	P	L	E	E	PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required
	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total				
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events	1	1	1	1	1	1	1	7	
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground mobilization, economic impacts and municipal/private well water supply	1	3	2	3	1	1	3	14	
3.B Encourage public participation in									

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT
Considerations → Mitigation Actions ↓	Community Acceptance Effect on Segment of Population	Physical Feasibility Long-term Solution Secondary Impacts	Staffing Funding Allocated Maintenance Operations	Political Support Local Champion Public Support	State Authority Existing Local Authority Potential Legal Challenge	Benefits of Action Cost of Action Contributors to Economic Goals Outside Funding Required	Effects on Land/Water Effect on Endangered Species Effect on Hazardous Waste Sites Consistent with Native Habitat Consistent with Local/Federal Laws	Priority Total
drought strategies through public information programs on water conservation and drought resistant landscaping and thorough building code ordinances	5	2	1	5	+2	1	4	20
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grouting and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	1	1	1	1	1	1	3	9
4.B Implement an Unreinforced Masonry (URM) building program that demonstrates the structural safety of critical	1	5	2	1	1	2	2	14

[illegible]

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A		P	L	E			E			PT											
		(Social)	(Technical)	(Administrative)		(Political)	(Legal)	(Economic)			(Environmental)														
Considerations →	Migration Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
		epidemics																							
		6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	1	2	1	3	1	2	1	5															14
		6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	1	4	1	1	1	1	1	5															14
		6.C Protect and enhance existing water conveyance structures, storage, and	1	3	1	1	1	1	1	4															16

STAPLE + E Evaluation Table																									
		S	T	A		P	L	E			E			PT											
		(Social)	(Technical)	(Administrative)		(Political)	(Legal)	(Economic)			(Environmental)														
Considerations →	Mitigation Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
treatment facilities to reduce impact from flood.																									
5.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.		1	1					1		5			2				3				5				18
6. E. Land acquisition of repetitive loss structures.		2		+2			2		2				2				3				5				18
6.F Improve natural waterways in County for drainage.		1		3			2		1				1				4				5				17
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.		↓		4			2		1				1				5				5				19
7.A In areas at risk in severe																									

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		PT
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
									Effect on HAZMAT Waste Sites	Consistent with Native Habitat
									Consistent with Local / Federal Laws	Priority Total
weather, retrofit public buildings to withstand severe winds and tornadoes to prevent roof collapse/damage.	1	2	1	1	1	3		2		11
7.B Enhance shelter facilities to withstand severe weather events (retrofit, electrical, etc.).	1	2	1	1	1	2		2		10
8.A Develop partnerships for a community-based vegetation management program including chipping program.	2	2	1	1	1	2		5		14
9.A Enforce existing ordinances to reduce public health risks from hazardous materials releases.	1	3	2	1	3	2		6		18

STAPLE + E Evaluation Table										
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		PT
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation ↓	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species
									Effect on HAZMAT Waste Sites	Consistent with Native Habitat
									Consistent with Local / Federal Laws	Priority Total
10. A RESTORATION	1	1	1	1	1	1		2		8
11. A TERRACE	1	2	1	1	1	2		4		12
12. A VOLCANOS	1	4	1	1	1	1		3		12

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)		E (Environmental)		PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation ↓	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local/ Federal Laws	Priority Total
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHPMP every 10 years. Update Ordinances every 3 years.	5	3	5	4	5	3		3				28
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	4	3	4	3	5	3		3				25
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	5	5	4	4	5	5		4				32
1.D. Continue												

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)			PT		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation ↓	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Water Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 2-9).	5	5	4	3	3	4	3					27
1.E. Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents.	4	4	4	3	3	4	4					26
2.A. Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	5	4	3	3	3	5	3					26
2.B. Conduct a minimum of one disaster exercise each year.	5	5	5	5	5	5	5					35
2.C. Prepare, develop, & distribute												

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E					PT											
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation Actions ↓																							
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events.	5	4	4	4					4							5				3		29	
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply.	4	4	4	4					4				5			4				5		30	
3.B Encourage public participation in																							

STAPLE + E Evaluation Table																							
	S	T	A	P	L	E	E					PT											
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation Actions ↓																							
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.																							
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.																							
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical																							

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required
	Effect on Land/ Water	Effect on Endangered Species	Effect on IAZMA/TW/anc Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total			
Facility and infrastructure, and retrofit buildings, if necessary.	4	5	3	3	4	3	3	25	
A.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	4	5	4	4	5	4	4	30	
3.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	5	4	3	4	3	3	3	25	
3.B Create & implement a training and exercise program relative to	4	4	5	4	3	4	5	27	

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required
	Effect on Land/ Water	Effect on Endangered Species	Effect on IAZMA/TW/anc Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total			
epidemics									
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	3	5	3	4	3	4	5	27	
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	4	3	4	4	4	5	5	28	
6.C Protect and enhance existing water conveyance structures, storage, and	3	3	3	2	2	3	3	19	

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E				E				PT										
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)				(Environmental)														
Considerations →	Mitigation Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
treatment facilities to reduce impact from flood.																									
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.		5	5	3	5									5			5				5				35
6.E Land acquisition of repetitive loss structures.		3	3	3	3									4			3			3					22
6.F Improve natural waterways in County for drainage.		5	5	2	4									3			3				4				26
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal systems.		4	5	4	3									4			5				5				30
7.A In event at risk to severe																									

STAPLE + E Evaluation Table																								
	S	T	A	P	L	E	E	PT																
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage	3	2	2	2	2											2			2					15
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	4	4	4	4	4											4			4					28
8.A Develop partnerships for a community based vegetation management program including chipping programs	4	3	3	3	3											3			4					23
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases	2	2	2	2	2											2			3					15

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E			PT												
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Considerations →	Mitigation Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contribution to Economic Goals	Potential Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
10. A		3	2	2		3				3			2		3					3					18
11. A		3	3	3		3				3			3		3						3				21
12. A		2	2	2		2				2			1		1						2				12

STAPLE + E Evaluation Table																								
	S	T	A	P	L	E	E	PT																
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Potential Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MHMP every 10 years. Update Ordinances every 3 years.	3	4	5	5									4		5					5				37
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	5	4	5	4									3		5					5				31
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	5	5	5	2									2		5					5				29
1.D. Continue																								

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓											
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 1-5)	5	5	4	2	2	3	2				23
1.E Integration of new information (i.e. LIDAR, UNACE Canal Report) into County & City planning documents	4	4	3	5	2	3	5				26
2.A Utilize social media as a communication tool, as well as an education tool for hazard loss prevention	4	4	4	3	2	4	2				23
2.B Conduct a minimum of one disaster exercise each year	5	5	5	5	2	4	1				27
2.C Prepare, develop, & distribute	3	2	2	2	2	4	1				16

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓											
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events	3	4	3	2	2	1	1				17
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply	5	4	4	3	2	5	5				28
3.B Encourage public participation in	5	4	3	4	1	3	2				22

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table									
	S	T	A	P	L	E	E	PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shifting	Funding Allocated	Maintenance / Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required
	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws				
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.	5	5	4	3	1	4	2		24
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is revised.	5	5	4	1	4	4	5		28
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical	3	5	2	1	2	3	1		17

STAPLE + E Evaluation Table									
	S	T	A	P	L	E	E	PT	
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shifting	Funding Allocated	Maintenance / Operations	Political Support
Mitigation ↓	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required
	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws				
facility and infrastructure, and retrofit buildings, if necessary.	3	4	4	2	1	2	1		17
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	3	4	5	2	1	3	1		19
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	5	3	3	2	1	2	1		17
5.B Create & implement a training and exercise program relative to	6	2	2	2	1	1	1		14

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)				PT													
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Potential Funding Requested	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority / Total
↑ Mitigation Actions																								
epidemics																								
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control	5		5		2		2		4		5		5		5		5		5					28
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements	5		5		2		2		4		5		5		5		5		5					28
6.C Protect and enhance existing water conveyance structures, storage, and	5		5		2		2		3		5		5		5		5		5					27

STAPLE + E Evaluation Table															
	S		T		A		P		L		E		E		PT
	(Social)		(Technical)		(Administrative)		(Political)		(Legal)		(Economic)		(Environmental)		
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	
Mitigation Actions ↓															
treatment facilities to reduce impact from flood.	5		5		2		5		3		5		5		30
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.	5		4		2		4		3		5		5		28
6.E Land acquisition of repetitive loss structures.	4		4		2		3		3		5		5		26
6.F Improve natural waterways in County for drainage.	4		4		2		3		3		5		5		26
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	5		5		2		3		3		5		5		28
7.A In areas at risk to severe	5		5		2		3		3		5		5		28

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																								
	S	T	A	P	L	E			E			PT												
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributions to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Subtotal - Total
Mitigation Actions ↓																								
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	2	3	2	1											4					1			15	
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	2	3	2	1									2		4					1			15	
8.A Develop partnerships for a community based vegetation management program including chipping programs.	3	4	2	1									2		4					1			17	
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	2	2	2	1									2		2					1			12	

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E			E			PT												
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)			(Environmental)															
Considerations ➡	Mitigation Actions ⬅	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributor to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
10. A																									
11. A																									
12. A																									

Appendix D

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table

	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)				E (Environmental)				PT										
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions ↓																								
1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MDRMP every 10 years. Update Ordinances every 3 years.	4	3	3	4	4											2				3				23
1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	3	3	4	4											2				3				24
1.C. Increase GIS and mapping capability to assess the risks in the County & City.	3	4	3	3	3											4				2				22
1.D. Continue																								

STAPLE + E Evaluation Table																							
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)				E (Environmental)				PT									
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws
Mitigation Actions ↓																							
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 3-9).	3	2		2	5	3									5				2				22
1.E. Integration of new information (i.e. LIDAR, USACE Canal Report) into County & City planning documents.	3	4		2		4	3								4				4				25
2.A. Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	5	4		3	5	5									4				2				26
2.B. Conduct a minimum of one disaster exercise each year.	5	5		5	5	5									4				2				31
2.C. Prepare, develop, & distribute	4	3		2	5	4									4				2				24

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table													
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority
Mitigation ↓													
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events.													
3.A Pursue studies and formalized agreements with upstream agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal-private well water supply.	5	4	3	5	3	5							
3.B Encourage public participation in	4	4	2	4	4	4							
													30
													26

STAPLE + E Evaluation Table													
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority
Mitigation ↓													
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.													
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	5	5	3	5	5	2							
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical	4	5	2	5	5	2							
													29
													27

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)		(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shelling	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support
Mitigation ↓	State Authority	Existing Local Authority	Potential Legal Challenge	Identify of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat
											Consistent with Local / Federal Laws
											Priority Total
facility and infrastructure, and retrofit buildings, if necessary.											
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building inventory, and retrofit buildings, if necessary.	5	2	2	4	4	2		4			23
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of epidemic threats.	4	5	4	4	3	2		2			24
5.B Create & implement a training and exercise program relative to	4	3	3	4	4	2		2			20

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)		(Environmental)			
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Shelling	Funding Allocated	Maintenance Operations	Political Support	Local Champions	Public Support
Mitigation ↓	State Authority	Existing Local Authority	Potential Legal Challenge	Identify of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat
											Consistent with Local / Federal Laws
											Priority Total
epidemics											
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach to flood control.	5	5	2	5	1	5		5			23
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	5	5	2	5	4	5		5			26
6.C Protect and enhance existing water conveyance structures, storage, and	5	5	2	5	4	5		5			26

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E				PT
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat
											Consistent with Local/ Federal Law
treatment facilities to reduce impact from flood.											
6.D Formalize agreements to utilize federal lands to spread flood and precautionary release waters.	5	5	2	5	1	3		5			
6. E. Land acquisition of repetitive loss structures.	5	5	2	3	5	2		4			
6.F Improve mixed waterways in County for drainage.	5	4	2	4	4	5		4			
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	5	5	3	5	4	4		5			
7.A Is area at risk to severe											

STAPLE + E Evaluation Table												
	S	T	A	P	L	E	E					PT
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)					
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation Actions ↓	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	3	3	1	2	2	1		2			14	
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	4	4	1	3	3	3		2			20	
8.A Develop partnerships for a community based vegetation management program including chipping programs.	4	4	1	3	3	4		3			22	
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	4	3	2	4	5	3		3			24	

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table																									
		S	T	A	P	L	E	E										PT							
		(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)																	
Considerations		Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefits of Action	Cost of Action	Contributors to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
Mitigation Actions																									
10. A																									
11. A.																									
12. A.																									

STAPLE + E Evaluation Table																									
		S	T	A		P		L		E		E				PT									
		(Social)	(Technical)	(Administrative)		(Political)		(Legal)		(Economic)		(Environmental)													
Considerations →	Mitigation Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/ Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
	1.A. Update the Master Plan to be consistent with the hazard area maps and implementation strategies developed in the MTHMP every 10 years. Update Ordinances every 3 years.	2	3			2				2				3		3				4				19	
	1.B. Annually review the County's & City's Emergency Operations Plan and identify needed plan updates.	3	3			2				2			3			2				3				18	
	1.C. Increase GIS and mapping capability to assess the risks in the County & City.	3	3			3				4			4			5				4				26	
	1.D. Continue																								

Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table									
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)		PT
Considerations →	Community Acceptance	Effect on Segment of Population							
Mitigation Actions ↓		Technical Feasibility	Long-term Solutions	Secondary Impacts	Health	Feasible / Acceptable	Maintenance / Operations	Political Support	Local Champion
					Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action
						Cost of Action	Contribution to Economic Goals	Outside Funding Required	Effect on Land / Water
							Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Native Habitat
									Consistent with Local / Federal Laws
planning and coordination with multi-agency/regional planning for multi-hazards (applies to Goals 1-5).	3	4	3	4	3	4	3		20
1.B. Integration of new information (i.e. LIDAR, STACCS Canal Report) into County & City planning documents.	3	3	2	3	3	4	3		2
2.A. Utilize social media as a communication tool, as well as an education tool for hazard loss prevention.	2	3	2	4	4	3	3		2
2.B. Conduct a minimum of one disaster exercise each year.	3	4	3	4	4	5	4		2
2.C. Prepare, develop, & distribute	2	4	3	3	4	4	3		2

STAPLE + E Evaluation Table								
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)	PT
Considerations → Mitigation Actions ←	Community Acceptance Effect on Segment of Population	Technical Feasibility Long-term Solution	Secondary Impacts Staffing Funding Allocated	Maintenance Operations Political Support Local Champion	Public Support State Authority Existing Local Authority	Potential Legal Challenge Benefits of Action Cost of Action	Contributors to Economic Goals Outside Funding Required Effect on Land/Water Effect on Endangered Species Effect on HAZMAT/Waste Sites	Consistent with Native Habitat Consistent with Local / Federal Laws
appropriate public information about hazard mitigation programs and projects at County and City-sponsored events. 3.A Pursue studies and formalized agreements with appropriate agencies to minimize impacts of drought conditions, including aquifer water quality, ground stabilization, economic impacts and municipal/private well water supply. 3.B Encourage public participation in	4	5	3	4	4	B 5	B 4	12 78

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓											
drought strategies through public information programs on water conservation and drought resistant landscaping and through building code ordinances.	4	4	2	2	3	3	4				22
4.A Continue to enforce the International Building Code (IBC) provisions pertaining to grading and construction relative to seismic hazards. Update County Codes to IBC 2012 when it is released.	2	4	2	3	4	3	2				20
4.B Implement an Unreinforced Masonry (URM) building program that determines the structural safety of critical											

STAPLE + E Evaluation Table											
	S	T	A	P	L	E	E	PT			
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)				
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support
Mitigation Actions ↓											
facility and infrastructure, and retrofit buildings, if necessary.	2	4	3	3	4	2	2				20
4.C. Implement an Unreinforced Masonry (URM) building program that determines the structural safety of existing building, inventory, and retrofit buildings, if necessary.	2	5	4	3	2	4	1				21
5.A Improve communication, collaboration and integration among stakeholders and promote awareness of seismic threats.	2	4	3	3	3	4	2				22
5.B Create & implement a training and exercise program relative to:	2	5	2	2	3	3	2				19

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation Actions										
epidemics										
6.A Review and update flood plans that would include coordination with adjacent counties, cities, and special districts supporting a regional approach in flood control.	3	5	4	3	3	4	5			27
6.B Install new flood facilities including upgrade of the existing storm drain system to current standards including culverts and channel improvements.	4	5	3	2	3	3	4			24
6.C Protect and enhance existing water conveyance structures, storage, and	3	4	3	2	3	4	4			23

STAPLE + E Evaluation Table										
	S	T	A	P	L	E	E	PT		
	(Social)	(Technical)	(Administrative)	(Political)	(Legal)	(Economic)	(Environmental)			
Considerations	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance Operations	Political Support	Local Champion
Mitigation Actions										
treatment facilities to reduce impact from flood.										
6.D Formulate agreements to utilize federal lands to spread flood and precautionary release waters.	1	4	3	2	3	4	4			21
6.E Land acquisition of repetitive loss structures.	2	3	3	4	3	4	3			22
6.F Improve natural waterways in County for drainage.	2	2	3	2	3	3	3			18
6.G Implement multiple diversion projects for flood reduction along the Carson River and canal system.	3	4	3	2	4	4	4			24
7.A Is area at risk to severe										

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Meeting Agendas, Sign In Sheet and Handouts

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)				PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation ↓	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
weather, retrofit public buildings to withstand snow loads and severe winds to prevent roof collapse/damage.	2	1	2	2	2	1		2				12
7.B Enhance shelter facilities to withstand severe weather events (electrical, structural, etc.)	2	1	2	2	2	1		2				12
8.A Develop partnerships for a community based vegetation management program including chipping programs.	1	1	2	3	1	2		1				11
9.A Enforce zoning ordinances to reduce public health risks from hazardous materials releases.	1	2	3	3	2	2		2				5

STAPLE + E Evaluation Table												
	S (Social)	T (Technical)	A (Administrative)	P (Political)	L (Legal)	E (Economic)	E (Environmental)				PT	
Considerations →	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance/ Operations	Political Support	Local Champion	Public Support	State Authority
Mitigation ↓	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land/ Water	Effect on Endangered Species	Effect on HAZMAT/Waste Sites	Consistent with Native Habitat	Consistent with Local / Federal Laws	Priority Total
10. A												
11. A												
12. A												