

Section 20: Mitigation Actions

Bayview – Action #24	
Proposed Action:	Educate the general public on benefits of utilizing irrigation/sprinkler system or watering around foundation and sidewalks to prevent expansive soils from cracking concrete
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce chance of concrete cracking this saving money and damage to structures
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Expansive Soils; Wildfires
Effect on new/existing buildings:	Reduce risk to new and existing structures
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$5,000
Potential Funding Sources:	HMGP; Local Funding
Lead Agency/Department Responsible:	Town Council
Implementation Schedule:	Within 48 months of plan adoption pending funding
Incorporation into Existing Plans:	Public Awareness Planning

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Indian Lake

Indian Lake – Action #1	
Proposed Action:	Elevate and harden S Resaca Shore Drive bridge to reduce risk of damages and maintaining critical access route
BACKGROUND INFORMATION	
Site and Location:	S Resaca Shore Drive Bridge
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk of damages to bridge. Reduce risk to life and property caused by disruption in response; Preserve access, evacuation route and emergency response to isolated streets; The approximate value of property within Indian Lake is \$10,000,000; The US DOT value of a life is \$9,400,000.
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hurricane; Flood; Extreme Wind; Tornado, Wildfire
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Comprehensive Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

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Indian Lake – Action #2	
Proposed Action:	Educate property owners about residential mitigation measures for all natural hazards such as the need to elevate structures, implementing residential mitigation measures, install retaining walls, and avoid building in high hazard areas
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by disruption in response; The approximate value of property within Indian Lake is \$10,000,000; The US DOT value of a life is \$9,400,000.
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hurricane; Flood, Extreme Wind
Effect on new/existing buildings:	Reduce risk to new and existing structures
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 36 months of plan adoption pending funding
Incorporation into Existing Plans:	N/A

COMMENTS:
Numerous properties are located along Resaca and other bodies of water, and are subject to a rise in water levels.
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

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Indian Lake – Action #3	
Proposed Action:	Encourage the planting of native and drought-resistant plants, and the use of low-flow fixtures and appliances
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce effect of drought through water conservation education
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Drought
Effect on new/existing buildings:	Reduce impact of drought on existing and future structures
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$500
Potential Funding Sources:	General Fund, HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 36 months of plan adoption pending funding
Incorporation into Existing Plans:	N/A

COMMENTS:
The city is dependent on purchases of treated water from other providers, and is thus vulnerable to a disruption of treated water supply during a drought. Reductions in water usage through education can mitigate against the impact of a water service interruption.
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

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Indian Lake – Action #4	
Proposed Action:	Construct elevated water storage tank to provide independent water source
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	The city is dependent on purchases of treated water from other providers, and is thus vulnerable to a disruption of treated water supply during a drought. Independent water source would prevent potential disruption of water service during extreme drought.
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Drought; Wildfire
Effect on new/existing buildings:	Reduce risk to existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$1,250,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Comprehensive Plan, CWPP

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 4

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Indian Lake – Action #5	
Proposed Action:	Upgrade secondary water connection to reduce risk of water service disruption in the event of pipe breakage caused by expansive soils
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by disruption in water service and associated fire response. Reduce risk of repairs to lines.
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Wildfire; Expansive Soils
Effect on new/existing buildings:	Reduce risk to existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Water Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 4</p>

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Indian Lake – Action #6	
Proposed Action:	Require public works projects to include materials resistant to soil expansion, such as flexible base material instead of concrete
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk of repetitive repairs to infrastructure
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Expansive Soils
Effect on new/existing buildings:	Reduce Risk to existing facilities and infrastructure
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Local ordinance, Building Codes

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 4; Legal = 4; Economically Sound = 4; and Environmentally Sound = 4</p>

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Indian Lake – Action #7	
Proposed Action:	Conduct public education on dangers of extreme heat and measures residents can take to reduce risk of injury or illness
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life through education and awareness
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Heat
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 36 months of plan adoption pending funding
Incorporation into Existing Plans:	N/A

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 4; Economically Sound = 5; and Environmentally Sound = 5</p>

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Indian Lake – Action #8	
Proposed Action:	Establish cooling center at Town Hall for residents without access to air condition; the building’s air conditioner will be upgraded, and fans will be installed; a generator will be installed to ensure that the air conditioner works during power interruptions, including following a disaster; education residents on the availability of cooling center during extreme events
BACKGROUND INFORMATION	
Site and Location:	Town Hall
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to vulnerable residents during extreme heat events
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project; Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Heat
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$100,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 36 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
The large population of low-income, elderly person in Indian Lake, and the state of the town’s housing stock, makes the population vulnerable to extreme heat.
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

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Indian Lake – Action #9	
Proposed Action:	Prepare and advertise local evacuation plan and procedures
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property; the approximate value of property within Indian Lake is \$10,000,000; the US DOT value of a life it \$9,400,000
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Wind; Hurricane; Flood; Terrorism; Hazardous Materials, Wildfire
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP; FEMA AFG
Lead Agency/Department Responsible:	Police Department
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Evacuation Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 5</p>

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Indian Lake – Action #10	
Proposed Action:	Adopt building codes that provide for protection against extreme weather, including anchors and tie-downs for structures and mobile homes, hail resistant materials, and fire-resistant materials
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property through stronger building techniques and materials
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Wind; Hurricane; Hail; Tornado; Wildfire
Effect on new/existing buildings:	Reduce risk to new and existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$1,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Building Codes; Local Ordinances

COMMENTS:
The Town of Indian Lake is principally a mobile home community. Therefore, town residents are particularly exposed to hazards related to extreme weather.
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

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Indian Lake – Action #11	
Proposed Action:	Adopt revised floodplain ordinance to include model ordinance language and higher NFIP standards such as freeboard
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce damages to structures through higher building standards in high hazard flood zones
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce risk to new or substantially improved structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Local Floodplain Ordinance

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 4; Legal = 4; Economically Sound = 4; and Environmentally Sound = 4</p>

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Indian Lake – Action #12	
Proposed Action:	Upgrade/Elevate Henderson Road bridge over Resaca to remove from potential floodway, reduce the risk of damages, and maintain critical access route
BACKGROUND INFORMATION	
Site and Location:	Henderson Road
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce damages and/or potential loss of bridge and preserve access route for emergency response and evacuation
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood; Hurricane; Extreme Wind
Effect on new/existing buildings:	Reduce damages to existing structures accessed by bridge
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$1,000,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Comprehensive Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies)
Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 4

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Indian Lake – Action #13	
Proposed Action:	Construct canopy in Town Hall parking lot to protect city vehicles
BACKGROUND INFORMATION	
Site and Location:	Town Hall
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to emergency response vehicles and equipment. The value of city vehicles is approximately \$250,000
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail, Extreme Heat
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	High
Estimated Cost:	\$200,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Comprehensive Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

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Indian Lake – Action #14	
Proposed Action:	Require roofing products with UL 2218 Hail Resistant Listing
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residential structures through more stringent building requirements
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail
Effect on new/existing buildings:	Reduce risk of damages to new and existing structures
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Building Codes, Local Ordinance

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 4</p>

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Indian Lake – Action #15	
Proposed Action:	Educate citizens about procedures for evacuation and shelter in place in the event of a hazardous materials release
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by hazardous materials release through educating residents
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hazardous Materials
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 48 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

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Indian Lake – Action #16	
Proposed Action:	Expand early warning system currently in use
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property through early warning
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hazardous Materials; Tornado; Extreme Wind; Wildfire; Hail, Flood
Effect on new/existing buildings:	Reduce risk to existing structures through early warning
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$50,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 36 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 4</p>

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Indian Lake – Action #17	
Proposed Action:	Upgrade shoulders and provide turnouts along Henderson Road to support evacuation route
BACKGROUND INFORMATION	
Site and Location:	Henderson Road
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project; Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail; Extreme Wind; Hurricane; Flood; Terrorism; Hazardous Material, Tornado
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$500,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Public Works; Evacuation Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 4</p>

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Indian Lake – Action #18	
Proposed Action:	Harden critical facilities, to include the Town Hall/Police Station, to reduce or eliminate wind, hail, and flood damage and ensure continuity of emergency services
BACKGROUND INFORMATION	
Site and Location:	Town Hall/Police Station; Critical Facilities
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by disruption in response; Avoid damage to Town Hall; Approximate replacement value is \$750,000; Avoid loss of life or injury to town employees
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail, Extreme Wind, Hurricane, Flood, Terrorism, Hazardous Material, Tornado
Effect on new/existing buildings:	Reduce risk to existing public facilities
Priority (High, Moderate, Low):	High
Estimated Cost:	\$150,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

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Indian Lake – Action #19	
Proposed Action:	Install permanent hard-wired generators at Town Hall/Police Station and waste water facility
BACKGROUND INFORMATION	
Site and Location:	Town Hall/Police Station; Lift Station
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by disruption in response or services
Type of Action: <i>(Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)</i>	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail; Extreme Wind; Hurricane; Flood, Extreme Heat, Tornado
Effect on new/existing buildings:	Reduce risk to existing structures from sewer contaminated flood water
Priority (High, Moderate, Low):	High
Estimated Cost:	\$150,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan; Waste Water Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Indian Lake – Action #20	
Proposed Action:	Install surveillance cameras at strategic locations in town
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property cause by disruption in response
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Terrorism
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	High
Estimated Cost:	\$100,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	Police Department
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Counter Terrorism

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 3; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 4; Economically Sound = 4; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Indian Lake – Action #21	
Proposed Action:	Distribute flyers and put up signs encouraging residents to report suspicious activity
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by disruption in response
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Terrorism
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	Police Department
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Counter Terrorism

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Indian Lake – Action #22	
Proposed Action:	Purchase NOAA radios and distribute to critical facilities
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property through early warning
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail, Extreme Wind, Hurricane, Flood, Terrorism, Hazardous Material, Tornado
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	High
Estimated Cost:	\$50,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	Police Department
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Indian Lake – Action #23	
Proposed Action:	Build Safe Room Shelter for first responders and vulnerable populations
BACKGROUND INFORMATION	
Site and Location:	Site location TBD
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property from hazardous events
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Wind; Hurricane; Flood; Terrorism; Hazardous Material; Tornado
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	High
Estimated Cost:	\$1,500,000
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	Police Department
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Evacuation Plan; Shelter and Mass Care Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Indian Lake – Action #24	
Proposed Action:	Dredge South Aztec Cove Lake, and install pump system and dry hydrants to North and South Aztec Cove Lake and the Resaca
BACKGROUND INFORMATION	
Site and Location:	South Aztec Cove Lake, North and South Aztec Cove Lake, Resaca
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by wildfire by increasing suppression capability
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Wildfire
Effect on new/existing buildings:	Reduce risk to existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500,000
Potential Funding Sources:	General Fund; HMBP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	CWPP

COMMENTS:
The Town currently lacks adequate water pressure for fire suppression. Owing to the nature of its housing stock, which mostly consists of manufactured homes sited in close proximity to one another, the Town is at risk of wildfire, and lacks adequate suppression capacity.
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 4; Administratively Possible = 4; Politically Acceptable = 4; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

Section 20: Mitigation Actions

Indian Lake – Action #25	
Proposed Action:	Conduct an education program on fire safety
BACKGROUND INFORMATION	
Site and Location:	City-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to life and property caused by fire through education and awareness
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Wildfire
Effect on new/existing buildings:	Reduce risk to existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500
Potential Funding Sources:	General Fund; HMGP
Lead Agency/Department Responsible:	City Secretary
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	CWPP

COMMENTS:
Owning to the nature of its housing stock, which mostly consists of manufactured homes sited in close proximity to one another, the Town is at risk of wildfire, and education of residents can reduce the occurrence of wildfire.
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 4; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

Section 20: Mitigation Actions

Laguna Vista

Laguna Vista – Action #1	
Proposed Action:	Drainage improvements Basin “B”: Install upgraded drainage system for 80 acre residential area. Current system is inadequate to carry storm water runoff
BACKGROUND INFORMATION	
Site and Location:	Basin is located along the western boundary of the Town and is generally bounded on the south by Hisbiscus Drive, the north by Taylor Avenue, the east by Mesquite Drive and the west by Palm Boulevard
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$5,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

Section 20: Mitigation Actions

Laguna Vista – Action #2	
Proposed Action:	Drainage improvements Basin “C”: Install upgraded drainage system for 60 acre residential area. Current system is inadequate to carry storm water runoff.
BACKGROUND INFORMATION	
Site and Location:	Basin is located on the most northwestern part of the Town limits bounded by Taylor Avenue, State Highway 510, and Ebony Lane
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$5,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #3	
Proposed Action:	Drainage improvements Basin “D”: Install upgraded drainage system west side of State Highway 510 for 80 acre residential area. Current system is inadequate to carry storm water runoff.
BACKGROUND INFORMATION	
Site and Location:	Basin is located in the central part of the original Town limits and is generally bounded by Fernandez Streets, State Highway 510, alley between Ebony Lane and Orange Lane. Existing run-off drains along street side ditches
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$5,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

Section 20: Mitigation Actions

Laguna Vista – Action #4	
Proposed Action:	Drainage improvements Basin “E”: Install upgraded drainage system off Saunders Street and State Highway 510 that drains acreage south of Fernandez Street and north of Morris Street
BACKGROUND INFORMATION	
Site and Location:	Saunders Street and State Highway 510
Risk Reduction Benefit (<i>Current Cost/Losses Avoided</i>):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$5,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

Section 20: Mitigation Actions

Laguna Vista – Action #5	
Proposed Action:	Drainage improvements Basin “F”: Install drainage system at the most southwestern part of the Town limits, bounded by State Highway 100 and State Highway 510.
BACKGROUND INFORMATION	
Site and Location:	Southwestern part of the Town limits, bounded by State Highway 100 and State Highway 510
Risk Reduction Benefit (<i>Current Cost/Losses Avoided</i>):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$5,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
Area is totally undeveloped
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

Section 20: Mitigation Actions

Laguna Vista – Action #6	
Proposed Action:	Drainage improvements SH 100: Regrade the existing drainage ditch that parallels State Highway 100 to increase capacity and reduce risk of flooding
BACKGROUND INFORMATION	
Site and Location:	State Highway 100
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$2,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4

Section 20: Mitigation Actions

Laguna Vista – Action #7	
Proposed Action:	Drainage improvements: Upgrade the drainage system on the intersection of Broadway and Palo Blanco to increase capacity and reduce risk of flooding
BACKGROUND INFORMATION	
Site and Location:	Intersection of Broadway and Palo Blanco
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$2,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #8	
Proposed Action:	Drainage Improvements: Upgrade the drainage system on Holley Beach to increase capacity and reduce risk of flooding
BACKGROUND INFORMATION	
Site and Location:	Holley Beach
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$2,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #9	
Proposed Action:	Drainage Improvements: Upgrade and harden drainage structure on Town-owned marina to increase capacity and reduce risk of damages
BACKGROUND INFORMATION	
Site and Location:	Town-owned marina
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces risk of damages to Marina
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$3,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #10	
Proposed Action:	Drainage Improvements: Harden and reinforce head wall along the Laguna Madre bay off Beach Boulevard
BACKGROUND INFORMATION	
Site and Location:	Laguna Madre bay off Beach Boulevard
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces risk of damages to head wall and reduce risk of erosion caused by Hurricane and flooding
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood, Hurricane, Extreme Wind
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$5,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #11	
Proposed Action:	Drainage Improvements: Upgrade 48” drainage pipe located at 1004 Beach Blvd to increase capacity and reduce risk of flood damages
BACKGROUND INFORMATION	
Site and Location:	1004 Beach Blvd
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #12	
Proposed Action:	Drainage Improvements: Relocate and upgrade existing 36” drainage pipe located at 1026 Beach Blvd to increase capacity and reduce risk of flood damages
BACKGROUND INFORMATION	
Site and Location:	Relocate and upgrade existing 36” drainage pipe located at 1026 Beach Blvd
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce risk to residents and reduces cost of flood damages to structures and infrastructure
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$500,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #13	
Proposed Action:	Purchas trailer mounted water trash pumps
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces risk to residents and reduces cost of loss to property owners with mobile pumps that can be used at high hazard locations without permanent pump installation
Type of Action: (<i>Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness</i>)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood
Effect on new/existing buildings:	Reduce flood hazard to existing and future structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$100,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Public Works
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Master Drainage Plan; Emergency Response Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Laguna Vista – Action #14	
Proposed Action:	Implement early warning system in expanded/new areas outside of the current system capabilities in use.
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces risk to residents and reduces cost of loss to property owners through early warning system
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Flood, Tornado, Wildfire
Effect on new/existing buildings:	Reduce hazards to existing and future structures through early warning
Priority (High, Moderate, Low):	High
Estimated Cost:	\$50,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants; Drainage Fee
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Response Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 4; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 4; and Environmentally Sound = 4</p>

Section 20: Mitigation Actions

Laguna Vista – Action #15	
Proposed Action:	Adopt ordinance to promote water conservation by landscaping with low water usage plants at all public and residential buildings
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces the use of water
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Drought
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$1,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Administration
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Local Ordinances

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Laguna Vista – Action #16	
Proposed Action:	Educate public on mitigation measures against all hazards. For example develop and distribute an education brochure on the effects of extreme heat and measures residents can take to prevent injury or illness
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Educating the public on how to protect themselves from the extreme heat will save loss of life and reduce health risks
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Heat
Effect on new/existing buildings:	N/A
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$5,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

Section 20: Mitigation Actions

Laguna Vista – Action #17	
Proposed Action:	Implement a tree trimming program that routinely cleans tree limbs hanging in ROW and easements Survey and remove hazardous trees from drainage systems
BACKGROUND INFORMATION	
Site and Location:	Town-wide ROW easements
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce the risk of power outages; reduces damage to homes and vehicles; reduces debris in drainage systems that exacerbates flooding
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Wind; Flood; Hurricane, Hail
Effect on new/existing buildings:	Protect new and existing property
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$1,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

Section 20: Mitigation Actions

Laguna Vista – Action #18	
Proposed Action:	Construct an Emergency Operations Center equipped with telecommunications system, video equipment, sirens, and a backup generator; purchase an airboat and trailer; and digitalize Town records
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Ensure continuity of emergency services. Informs residents in advance to make better decision on their plan of action
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness; Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Wind; Hurricane; Flood; Extreme Heat; Drought; Tornado; Hail; Wildfire; Expansive Soils; Hazardous Materials; Terrorism; Pipeline Failure
Effect on new/existing buildings:	Reduces risk to new and existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$2,000,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

Section 20: Mitigation Actions

Laguna Vista – Action #19	
Proposed Action:	Harden Town Hall with wind, hail, and flood mitigation measures to reduce damages and ensure continuity of services
BACKGROUND INFORMATION	
Site and Location:	Town Hall
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces damage to Town Hall and reduces service interruption
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Structure and Infrastructure Project

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Extreme Wind; Flood; Hurricane; Hail; Tornado
Effect on new/existing buildings:	Protect existing building
Priority (High, Moderate, Low):	High
Estimated Cost:	\$100,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Laguna Vista – Action #20	
Proposed Action:	Conduct a Hail Storm Safety Education Program that includes a community campaign to reduce losses during hail events
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce loss by educating residents on how to make better informed decisions to protect themselves and their property during hail events
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hail
Effect on new/existing buildings:	Reduce risk to existing and future structures
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	\$1,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 24 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Laguna Vista – Action #21	
Proposed Action:	Educate the public on awareness of the threat of Hurricanes and mitigation measure they can implement to protect their property
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	To help the public make better informed decisions; Reduce the risk of loss of life and property
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hurricane
Effect on new/existing buildings:	Reduce risk to new and existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$1,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Tow of Laguna Vista / Emergency Management
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Laguna Vista – Action #22	
Proposed Action:	Inform public by an emergency notification system, including expansion of early warning system and distribution of NOAA weather radios
BACKGROUND INFORMATION	
Site and Location:	Emergency Notification Sires: Town Hall, Fire Department NOAA Weather Radios: Critical Facilities, Schools
Risk Reduction Benefit (Current Cost/Losses Avoided):	Advance notification reduces loss of life and property
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Education and Awareness

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Tornado; Extreme Wind; Hail; Hurricane; Flood
Effect on new/existing buildings:	Reduces risk through early warning
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$75,000
Potential Funding Sources:	HMGP; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 48 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5

Section 20: Mitigation Actions

Laguna Vista – Action #23	
Proposed Action:	Landscaping ordinance to include plants more resistant to fire and adopt a revised Fire Wise landscaping ordinance
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduces the spread of wildfire
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Wildfire
Effect on new/existing buildings:	Reduce risk to new and existing structures
Priority (High, Moderate, Low):	Low
Estimated Cost:	\$1,000
Potential Funding Sources:	HMGF; Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Administration
Implementation Schedule:	Within 48 months of plan adoption pending funding
Incorporation into Existing Plans:	Local Ordinance

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>

Section 20: Mitigation Actions

Laguna Vista – Action #24	
Proposed Action:	Update Emergency Management Plan pertaining to hazardous materials and pipeline failure
BACKGROUND INFORMATION	
Site and Location:	Town-wide
Risk Reduction Benefit (Current Cost/Losses Avoided):	Reduce the risk of loss of life and property
Type of Action: (Local Plans and Regulations, Structure and Infrastructure Projects, Natural Systems Protection, or Education and Awareness)	Local Plans and Regulations

MITIGATION ACTION DETAILS	
Hazard(s) Addressed:	Hazardous Materials; Pipeline Failure
Effect on new/existing buildings:	Reduce risk to new and existing structures
Priority (High, Moderate, Low):	High
Estimated Cost:	\$40,000
Potential Funding Sources:	Local Funds; Other Grants
Lead Agency/Department Responsible:	Town of Laguna Vista / Emergency Management
Implementation Schedule:	Within 12 months of plan adoption pending funding
Incorporation into Existing Plans:	Emergency Management Plan

COMMENTS:
<p>Additional Considerations: The following STAPLEE criteria were evaluated on a scale of 1 to 5 indicating the extent to which this action satisfies each consideration. (1= Does Not Satisfy 3 = Moderately Satisfies 5 = Strongly Satisfies) Socially Acceptable = 5; Technically Feasible = 5; Administratively Possible = 5; Politically Acceptable = 5; Legal = 5; Economically Sound = 5; and Environmentally Sound = 5</p>