

## Appendix A - Locally-Specific Mitigation Actions

For this Plan Update, locally-specific mitigation action plans are organized alphabetically by county. Within each county section, county projects are presented first and then the other communities' (cities, towns, villages and districts) are presented alphabetically. Appendix A includes both new actions for 2011 as well as revised or updated actions from the 2006 Plan. The 2006 Plan included projects from Galveston County and cities therein; however, Galveston County and cities therein are not included as participating jurisdictions in the 2011 Plan and therefore, do not have mitigation actions included in the 2011 Plan. The 2011 Plan update's locally-specific mitigation actions also include several "human-caused" hazards which are not identified elsewhere in the plan.

**Table A-1** presents a comparison of the 2006 locally-specific mitigation actions plans and the new mitigation action plans received from participating jurisdictions.

Appendix A  
Table A-1  
Locally-Specific Mitigation Actions

County	Jurisdiction	2011 Mitigation Action No	2006 Mitigation Action No	Project Description	2006 Mitigation Action Status						Reduce hazard impacts on new buildings and infrastructure	Reduce hazard impacts on existing buildings and infrastructure	NFIP Compliance
					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Austin	Austin County	1		Create wildfire breaks and defensible corridors and remove hazardous fuels to protect historic areas and roadways.							X	X	
Austin	Austin County	2		Update commodity flow study for increased rail and truck traffic.							X	X	
Austin	Austin County	3		Conduct wildfire outreach and education campaign.							X	X	
Austin	Austin County	4		Expand evacuation and alert system to accommodate population growth.									
Austin	Austin County	5		Improve subdivision regulations in Extra Territorial Jurisdiction (ETJ) to protect mobile homes against wind and tornadoes. Recommendation for mobile homes will ensure protection against straight line winds high velocity winds.							X	X	
Austin	Austin County		1	Conduct a commodity flow study in 2003 (GIS Mapping).	X					Completed			
Austin	Austin County		2	Partner with TxDOT to construct alternate routes for transporting hazardous materials.				X		Funding	X	X	
Austin	Austin County		3	Develop evacuation planning and alert system.			X			Incorporated into 2011 Mitigation Action 4			
Austin	Austin County		4	Increase public awareness regarding pipeline failure.				X		Funding			
Austin	Austin County		5	Implement hazardous materials exercises.				X		Updated Schedule, Increased Cost			
Austin	Austin County		6	Post signs in high profile area(s) when burn ban is in place.	X					Completed			
Austin	Austin County		7	Increase public awareness of tornadoes and high winds.				X		On-going	X	X	
Austin	Austin County		8	Increase public awareness and education of flood hazards.				X		On-going	X	X	X
Austin	Austin County		9	Acquire GIS mapping for floodplain study and develop Microsoft PowerPoint presentations	X					Completed			X
Austin	Austin County		10	Establish drainage district for Allen's Creek to enforce floodplain regulations.				X		Funding, voter action	X	X	X
Austin	Austin County		11	Add culverts on Allen's Creek outside of City of Sealy's city limits, including headwalls, channel deepening and modifications to rail structures. Construct new channels and create detention areas to increase storage during periods of heavy rainfall.					X	Funding	X	X	X
Austin	Austin County		12	Develop countywide order requiring the construction of a tornado/severe weather shelter in all mobile home parks.				X		Updated Schedule, Increased Cost			
Austin	Austin County		13	Conduct public information and awareness campaign to promote safe room construction in schools, churches, day care centers and all critical public facilities.					X	Funding	X		
Austin	Austin County		14	Continue the routine cleaning of channels and ditches.				X		On-going	X	X	X
Austin	Austin County		15	Purchase additional road closed and flood hazard signs.				X		Funding			
Austin	Austin County		16	Create a defensible space around county buildings by removing hazardous fuels.					X	On-going		X	
Austin	Austin County		17	Develop regulatory action requiring development permit for flood damaged property.				X		On-going	X	X	X
Austin	City of Bellville	1		Improve drainage by enlarging culverts at South Holland and East O'Bryant.							X	X	X
Austin	City of Bellville	2		Enlarge ditches on S. Mechanic from First St. to Hacienda St.							X	X	X
Austin	City of Bellville	3		Conduct wildfire outreach and education campaign.							X	X	
Austin	City of Bellville	4		Expand evacuation and alert system to accommodate population growth.									
Austin	City of Bellville		1	Construct tornado/severe weather shelters in existing mobile home parks.				X		Updated Schedule, Increased Cost			
Austin	City of Bellville		2	Develop city ordinance requiring construction of tornado/severe weather shelter in all mobile home parks.				X		Updated Schedule, Increased Cost			
Austin	City of Bellville		3	Develop severe weather audible alert system.			X			Incorporated as 2011 Mitigation Action 4			
Austin	City of Bellville		4	Increase public awareness for safe room construction in homes and schools.				X		Updated Schedule, Increased Cost	X	X	
Austin	City of Bellville		5	Construct alternate evacuation route around City of Bellville.					X	Funding			
Austin	City of Brazos Country	1		Acquire signage for road closures and detours during flood event to inform citizens of flood danger.									X
Austin	City of Brazos Country	2		Conduct wildfire outreach and education program.							X	X	
Austin	City of Brazos Country	3		Expand evacuation and alert system to accommodate population growth.									
Austin	City of Brazos Country		1	Improve water system to support wildfire fighting activities.					X	On-going	X	X	
Austin	City of Brazos Country		2	Adopt and enforce floodplain regulations.				X		On-going	X		X
Austin	City of Brazos Country		3	Inspect and clear debris from stormwater drainage system.				X		On-going	X	X	X
Austin	City of Brazos Country		4	Document high water marks following flood events to update floodplain maps.				X		On-going	X		X
Austin	City of Brazos Country		5	Purchase emergency alert equipment.	X					Completed			
Austin	City of Industry	1		Expand evacuation and alert system to accommodate population growth.									
Austin	City of Industry	2		Conduct wildfire outreach and education campaign.							X	X	
Austin	City of Industry		1	Implement public education and evacuation procedures for a hazardous materials incident involving pipeline explosion.			X			Incorporated as 2011 mitigation action 1			
Austin	City of Industry		2	Equip elementary school system with weather alert system to inform parents and students of impending natural hazards.				X		Updated Schedule, Increased Cost			
Austin	City of Sealy	1		Expand evacuation and alert system to accommodate population growth.									
Austin	City of Sealy	2		Conduct wildfire outreach and education campaign.							X	X	
Austin	City of Sealy		1	Update policies and regulations to incorporate hazard mitigation practices.	X					Completed	X	X	
Austin	City of Sealy		2	Establish emergency notification system for hazardous materials spills.			X			Project has been incorporated as 2011 Mitigation Action 1			

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification					
Austin	City of Sealy		3	Develop severe weather public notification system.			X				Project has been incorporated as 2011 Mitigation Action 1			
Austin	City of Sealy		4	Implement Allen's Creek drainage improvement projects by expanding detention capacity.				X			Funding	X	X	X
Austin	City of Sealy		5	Update and improve subdivision regulations in Extra Territorial Jurisdiction (ETJ).			X				Outside of city limits			
Austin	City of Sealy		6	Add culverts on Allen's Creek from US 90 to end of City limits, including headwalls, channel deepening and modifications to rail structures. Construct new channels and create detention areas to increase storage during periods of heavy rainfall.					X		Funding	X	X	X
Austin	City of Wallis	1		Expand evacuation and alert system to accommodate population growth.										
Austin	City of Wallis	2		Conduct wildfire outreach and education campaign.								X	X	
Austin	City of Wallis		1	Develop severe weather warning system.	X						Completed			
Austin	City of Wallis		2	Construct wind resistant municipal building and emergency service building.				X			Updated Schedule, Increased Cost	X		
Austin	City of Wallis		3	Construct new government/command center facilities which can resist high winds and other inclement weather conditions.				X			Updated Schedule, Increased Cost	X		
Austin	City of Wallis		4	Implement drainage improvements for Elm Slough watershed by widening bridge at Gresham Street and 7th Street.					X		Funding	X	X	X
Austin	City of Wallis		5	Develop and implement water conservation outreach program.				X			On-going			
Austin	City of Wallis		6	Acquire flood-prone property at the intersection of Gresham Street and South 7th Street.				X			On-going			X
Austin	City of Wallis		7	Conduct hazardous material training for fire department personnel.		X					On-going			
Austin	City of Wallis		8	Install electrical surge protection devices on generator at lift station.					X		On-going	X	X	
Austin	City of Wallis		9	Installation of severe weather siren.			X				Reverse 911 System in Service			
Austin	City of Wallis		10	Implement drainage improvement program to include cleaning of ditches, increasing size of drainage culverts, etc.				X			On-going	X	X	X
Austin	City of Wallis		11	Acquire flood-prone homes in floodplain.				X			Updated Schedule, Increased Cost			X
Austin	Town of San Felipe	1		Expand evacuation and alert system to accommodate population growth.										
Austin	Town of San Felipe	2		Conduct wildfire outreach and education campaign.								X	X	
Austin	Town of San Felipe		1	Establish local agreements with neighboring cities and the county to address regional flood hazards.		X					Current/Extending Programs			X
Austin	Town of San Felipe		2	Develop education and outreach effort to address pipeline hazard.		X					Current/Extending Programs			
Austin	Town of San Felipe		3	Develop flood hazard education and outreach program.				X			On-going			X
Austin	Town of San Felipe		4	Purchase flood evacuation signage.					X		Funding			X
Brazoria	Brazoria County	1		Acquisition and demolition of severe repetitive loss properties along 14 miles of the Brazoria County coastline.										X
Brazoria	Brazoria County	2		Create a feeder beach for Follett's Island to slow the current erosion rate and protect wetlands in southeast Brazoria County.								X	X	
Brazoria	Brazoria County	3		Construct berm along 14 miles of the Bluewater Highway (CR 257) to reduce impacts from storm surges. Project will protect the highway and shoreward properties.								X	X	
Brazoria	Brazoria County	4		Treasure Island Revetment project. The project also focuses on developing alternatives for a beach nourishment project in the vicinity of the revetment and fishing pier area to widen the beach and provide a buffer to reduce storm impacts to the existing shoreline								X	X	
Brazoria	Brazoria County	5		Evaluate existing gauging stations and flood gates and obtain updated software and hardware.										X
Brazoria	Brazoria County	6		Purchase 500 magnetic Burn Ban signs to be displayed on all county vehicles.								X	X	
Brazoria	Brazoria County	7		Purchase three years of use of an automated public information system to reach out to county residents prior to and during an emergency.										
Brazoria	Brazoria County	8		Conduct wildfire outreach and education campaign.								X	X	
Brazoria	Brazoria County	9		Install sprinkler systems at County's critical facilities constructed on slab foundations to reduce differential shrinking of underlying soils during drought.								X	X	
Brazoria	Brazoria County		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance.	X						Completed			X
Brazoria	Brazoria County		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X						Completed			
Brazoria	Brazoria County		3	Implement dune and beach restoration to protect county beach areas between Surfside Beach and San Luis Pass.					X		No funding			
Brazoria	Brazoria County		4	Dig ditch to take water that builds up in Quail Ridge subdivision to the Austin Bayou.			X				Not cost effective	X	X	
Brazoria	Brazoria County		5	Widen and deepen drainage ditches to reduce flooding.				X			Continuous	X	X	X
Brazoria	Brazoria County		6	Implement campaign on public education of ICC (Increased Cost of Compliance) coverage.				X			No funding			X
Brazoria	Brazoria County		7	Place flood insurance materials in libraries.	X						Completed			X
Brazoria	City of Alvin	1		Acquire flood-prone homes in floodway along Mustang Bayou.										X
Brazoria	City of Alvin	2		Elevate flood-prone homes.									X	X
Brazoria	City of Alvin	3		Construct detention ponds in Mustang Bayou Watershed.								X	X	X
Brazoria	City of Alvin	4		Implement drainage improvement projects: M-1 Ditch improvements.								X	X	X
Brazoria	City of Alvin	5		Construct detention ponds in Dickinson Bayou Watershed.								X	X	X
Brazoria	City of Alvin	6		Implement drainage improvement projects: Dickinson Bayou Ditch improvements								X	X	X
Brazoria	City of Alvin	7		Construct detention ponds in Chocolate Bayou Watershed.								X	X	X
Brazoria	City of Alvin	8		Revise and update Flood Insurance Rate Maps, join CRS program										X
Brazoria	City of Alvin	9		Purchase generators for lift stations									X	
Brazoria	City of Alvin	10		Upgrade electrical systems at lift stations, install transfer switches, and relocate above base flood elevation									X	X

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Brazoria	City of Alvin	11		Acquire two 55 KW trailer-mounted generators for emergency power to 45 lift stations and 6 water wells										
Brazoria	City of Alvin	12		Install hurricane shutters on Public Works and Emergency Shelter Facility								X		
Brazoria	City of Alvin	13		Install new 8" water line and fire hydrants for better fire protection							X	X		
Brazoria	City of Alvin		1	Purchase 63 properties in the floodway.		X				Partially funded				X
Brazoria	City of Alvin		2	Develop Stormwater Management Plan.	X					Completed				X
Brazoria	City of Alvin		3	Develop Master Drainage Plan.		X				Partially funded	X	X		X
Brazoria	City of Alvin		4	Revise and update Flood Insurance Rate Maps.		X				Partially funded				X
Brazoria	City of Alvin		5	Conduct outreach, raise disaster awareness.				X		No funding				X
Brazoria	City of Angleton	1		Replace radio system at Fire Station to be used as backup emergency operations center.										
Brazoria	City of Angleton	2		Purchase of 750 kw generator for recreation center shelter during power outage.								X		
Brazoria	City of Angleton	3		Purchase radios for communication for public safety.										
Brazoria	City of Angleton	4		Install storm shutters for police station, city hall and rec center (shelter) building.									X	
Brazoria	City of Angleton	5		Purchase firefighting equipment (hoses & nozzles) for wildfire preparedness.							X	X		
Brazoria	City of Angleton	6		Extend water and sewer to Fire Field for training, public safety and shelter of citizens during disaster							X	X		
Brazoria	City of Angleton	7		City-wide Ditch Clean-out. Clear, widen and deepen all city ditches for better drainage.							X	X		X
Brazoria	City of Angleton	8		Participate in CRS workshop hosted by H-GAC.										X
Brazoria	City of Angleton		1	Build detention pond on Ditch 7 at Bryan Street.	X					Completed	X	X		X
Brazoria	City of Angleton		2	Slope paving on Ditch 7b between SH 288 and CR 288.	X					Completed	X	X		X
Brazoria	City of Angleton		3	Add early warning system for hazard events.				X		Funding				
Brazoria	City of Angleton		4	Network of dry hydrants in ponds to supply water for fire.				X		Funding		X		
Brazoria	City of Angleton		5	Maintain drainage ditches to reduce flooding with purchase of Gradall to carry out work.				X		Funding	X	X		X
Brazoria	City of Angleton		6	Develop debris management plan.	X					Completed				
Brazoria	City of Angleton		7	Clear land for debris management.	X					Completed				
Brazoria	City of Angleton		8	Replace radio system in the Communication Center.	X					Completed				
Brazoria	City of Angleton		9	Purchase generator for City Hall.	X					Completed				
Brazoria	City of Angleton		10	Purchase street sign and barricades to block off streets for evacuation.				X		Funding				
Brazoria	City of Bailey's Prairie	1		Participate in CRS workshop hosted by H-GAC.										X
Brazoria	City of Bailey's Prairie	2		Partner with local Drainage District to maintain ditches and culverts.										X
Brazoria	City of Bailey's Prairie	3		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X		
Brazoria	City of Bailey's Prairie	4		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X		X
Brazoria	City of Bailey's Prairie		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance.	X					Completed				
Brazoria	City of Bailey's Prairie		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed				
Brazoria	City of Bailey's Prairie		3	Purchase equipment generator.			X			No longer needed				
Brazoria	City of Bailey's Prairie		4	Develop public education campaign addressing hazard awareness.				X		No funding				
Brazoria	City of Brazoria	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X		
Brazoria	City of Brazoria	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X		X
Brazoria	City of Brazoria	3		Maintain drainage ditches to reduce flooding.							X	X		X
Brazoria	City of Brazoria	4		Street sign and barricades to block off streets for evacuation.										
Brazoria	City of Brazoria	5		Widen Highway 36 to improve evacuation.										
Brazoria	City of Brazoria	6		Replace aging Fire/EMS chief/EMS Command and Emergency Management staff command vehicles that are in excess of 100,000 miles or older than seven years old										
Brazoria	City of Brazoria	7		Purchase and install security lighting for Main Street area.									X	
Brazoria	City of Brazoria	8		Install security system for City service center.										
Brazoria	City of Brazoria	9		Retrofit Emergency Operations Center at City Hall. Add storm protection to glass doors and windows at EOC, Police Station, and Fire Station. Install network connection and Emergency Dispatch radio in EOC.									X	
Brazoria	City of Brazoria	10		Install hurricane shutters on City Hall, fire station and police department.									X	
Brazoria	City of Brazoria	11		Implement a drainage improvement program to include deepening of ditches, increasing size of culverts, including box culverts.							X	X		X
Brazoria	City of Brazoria		1	Purchase equipment generator.				X		Unfunded				
Brazoria	City of Brazoria		2	Develop drainage work program.				X		Unfunded	X	X		X
Brazoria	City of Brazoria		3	Purchase radio/communication equipment.				X		Unfunded				
Brazoria	City of Brazoria		4	Develop severe weather warning system.			X			Not cost effective				
Brazoria	City of Brazoria		5	Purchase rescue vehicle.			X			Unfunded				
Brazoria	City of Brazoria		6	Purchase fire pumper vehicle/rescue truck.				X		Unfunded	X	X		
Brazoria	City of Brazoria		7	Purchase emergency medical service, fire and police rescue equipment.				X		Unfunded				

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Brazoria	City of Brazoria		8	Develop evacuation plan.			X			Included with County			
Brazoria	City of Brazoria		9	Implement emergency management training programs.				X		Unfunded			
Brazoria	City of Brazoria		10	Develop debris management plan.	X					Completed			
Brazoria	City of Brazoria		11	Develop public education campaign addressing hazard awareness.			X			Unfunded			
Brazoria	City of Brookside Village	1		Acquire 31 identified repetitive flood loss properties in Clear Creek watershed inside City of Brookside Village's city limits.							X	X	X
Brazoria	City of Brookside Village	2		Acquire 70-acre flood-prone property at north-central portion of Brookside Village.							X	X	X
Brazoria	City of Brookside Village	3		Purchase and install public warning system.									
Brazoria	City of Brookside Village	4		Widen, deepen and straighten Max Road and Roy Road ditches to reduce flooding. Install box culverts.							X	X	X
Brazoria	City of Brookside Village		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance.	X					Completed			
Brazoria	City of Brookside Village		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Brookside Village		3	Purchase equipment generator.	X					Completed			
Brazoria	City of Brookside Village		4	Develop public education campaign addressing hazard awareness.				X		On-going activity	X	X	X
Brazoria	City of Clute	1		Deepen and widen drainage ditches around Brazoswood High School and Clute City Park.							X	X	X
Brazoria	City of Clute	2		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Clute		1	Develop debris management plan.	X					Completed			
Brazoria	City of Clute		2	Conduct Flag Lake drainage study and proceed with the revealed plan; partner with Velasco Drainage District and City of Lake Jackson.				X		Unfunded	X	X	X
Brazoria	City of Clute		3	Train city personnel to implement evacuation plans.				X		Unfunded			
Brazoria	City of Clute		4	Implement public educational campaign addressing the dangers of clogging drainage channels with debris.				X		Unfunded	X	X	X
Brazoria	City of Clute		5	Attend annual petroleum industry workshop.				X		Unfunded			
Brazoria	City of Clute		6	Develop educational campaign to inform the public of the need for water rationing, establish information site on local access channel.				X		Unfunded			
Brazoria	City of Danbury	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Danbury	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Danbury	3		Work with Drainage District 8 to clear and maintain drainage ditches throughout city.							X	X	X
Brazoria	City of Danbury	4		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Danbury		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance.	X					Completed			
Brazoria	City of Danbury		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Danbury		3	Purchase equipment generator.				X		Unfunded			
Brazoria	City of Danbury		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Freeport	1		Install emergency generators on critical drainage pumps and lift stations at six locations.							X	X	
Brazoria	City of Freeport	2		Purchase a 5-inch rubber hose for pumping in moving water from a flood area or support the city potable water when an area goes off-line							X	X	X
Brazoria	City of Freeport	3		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway between West 4th and West 6th streets. The drainage project will address property and roadway flooding.							X	X	X
Brazoria	City of Freeport	4		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway between Lynn Lane and West 5th streets. The drainage project will address property and roadway flooding.							X	X	X
Brazoria	City of Freeport	5		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway between Lynn Lane and West 7th streets. The drainage project will address property and roadway flooding.							X	X	X
Brazoria	City of Freeport	6		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway in the alley in the 1700 Blk between between West 8th and West 7th streets. The drainage project will address							X	X	X
Brazoria	City of Freeport	7		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway in the alley in the 1700 Blk between West 8th and West 9th streets. The drainage project will address property							X	X	X
Brazoria	City of Freeport	8		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway for West 5th between Yaupon and Dixie Street. The drainage project will address property and roadway flooding.							X	X	X
Brazoria	City of Freeport	9		Implement a new storm drainage system with culvert boxes and culvert piping to be attached to an existing storm drainage system for the roadway – West 7th Street between Yaupon and Dixie. The drainage project will address property and roadway flooding.							X	X	X
Brazoria	City of Freeport		1	Implement drainage improvements on Gulf Boulevard close to Velasco Elementary.	X					Completed	X	X	X

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Brazoria	City of Freeport		2	Implement mosquito control program (truck, equipment, materials and education).			X			County to Provide Service			
Brazoria	City of Freeport		3	Implement drainage improvements on Navigation Boulevard (FM 1495).	X					Completed	X	X	X
Brazoria	City of Freeport		4	Implement drainage improvements: Britt Baily Road.	X					Completed	X	X	X
Brazoria	City of Freeport		5	Conduct computer security/vulnerability study.			X			Not cost effective			
Brazoria	City of Freeport		6	Purchase emergency generator for Fire Station 1.	X					Completed		X	
Brazoria	City of Freeport		7	Provide elevated water supply to industry and port within ETJ in order to enhance firefighting capability.	X					Completed			
Brazoria	City of Freeport		8	Improve handicap accessibility for downtown area in case of forced evacuation.				X		Unfunded			
Brazoria	City of Freeport		9	Secure building entry access at City Hall (home to U.S. Congressman's Office and Port Administration) and city's financial offices.				X		Unfunded		X	
Brazoria	City of Freeport		10	Establish barricade system for Main Street area.				X		Unfunded			
Brazoria	City of Freeport		11	Replenish sand dunes.				X		Unfunded	X	X	
Brazoria	City of Freeport		12	Widen Highway 36 to improve evacuation.				X		Unfunded			
Brazoria	City of Freeport		13	Replace aging Fire/EMS chief/EMS Command and Emergency Management staff command vehicles that are in excess of 100,000 miles or older than seven years old.		X				Partially funded			
Brazoria	City of Freeport		14	Purchase two jet skis and trailers.		X				Partially funded			
Brazoria	City of Freeport		15	Purchase 25-foot boat with cabin.				X		Unfunded			
Brazoria	City of Freeport		16	Purchase public address system for downtown/Main Street area.	X					Completed			
Brazoria	City of Freeport		17	Purchase and install security lighting for Main Street area.	X					Completed			
Brazoria	City of Freeport		18	Install security system for City service center.	X					Completed			
Brazoria	City of Freeport		19	Install security system for Parks Center.				X		Unfunded			
Brazoria	City of Freeport		20	Refurbish Emergency Operations Center and Fire Station #1. Replace rubber roof and add storm protection to glass doors and windows		X				Partially funded		X	
Brazoria	City of Freeport		21	Refurbish Incident Command Post at Police Station. Replace rubber roof and add storm protection to glass doors and windows		X				Partially funded		X	
Brazoria	City of Hillcrest Village	1		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Hillcrest Village	2		Partner with local Drainage District to maintain ditches and culverts.									X
Brazoria	City of Hillcrest Village	3		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Hillcrest Village	4		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Hillcrest Village		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance	X					Completed			
Brazoria	City of Hillcrest Village		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Hillcrest Village		3	Purchase equipment generator to power Emergency Operations Center during power outages to maintain critical services.				X		Rural Affairs Grant		X	
Brazoria	City of Hillcrest Village		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Holiday Lakes	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Holiday Lakes	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Holiday Lakes	3		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Holiday Lakes	4		Partner with local Drainage District to maintain ditches and culverts.									X
Brazoria	City of Holiday Lakes		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance				X		Unfunded			
Brazoria	City of Holiday Lakes		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Holiday Lakes		3	Purchase equipment generator.				X		Unfunded			
Brazoria	City of Holiday Lakes		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Iowa Colony	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Iowa Colony	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Iowa Colony	3		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Iowa Colony	4		Partner with local Drainage District to maintain ditches and culverts.									X

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Brazoria	City of Iowa Colony		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance				X		Unfunded	X	X	
Brazoria	City of Iowa Colony		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed	X	X	
Brazoria	City of Iowa Colony		3	Purchase equipment generator.				X		Unfunded			
Brazoria	City of Iowa Colony		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Jones Creek	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Jones Creek	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Jones Creek	3		Drainage and culvert issue on Billingsley.									X
Brazoria	City of Jones Creek	4		Culvert clean out on Primrose.									X
Brazoria	City of Jones Creek	5		Culvert clean out on Bluebonnet.									X
Brazoria	City of Jones Creek	6		Highway 36 drainage (7) ditches to be cleared of debris and brush.									X
Brazoria	City of Jones Creek	7		Outfall ditches along Stephen F. Austin.									X
Brazoria	City of Jones Creek	8		TPWD Project.									X
Brazoria	City of Jones Creek	9		Cleaning of East Stephen F. Austin's drainage to Jones Creek.									X
Brazoria	City of Jones Creek		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance.				X		Unfunded			
Brazoria	City of Jones Creek		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Jones Creek		3	Purchase equipment generator.				X		Unfunded			
Brazoria	City of Jones Creek		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Lake Jackson	1		Install broad spectrum radio system to be able to communicate during emergencies through the Supervisory Control and Data Acquisition (SCADA) system with Lake Jackson's 43 lift stations and 12 wells with remote operating equipment. SCADA communicates with									
Brazoria	City of Lake Jackson	2		Install emergency power to Well 15 and 120 KW trailer-mounted generators.								X	
Brazoria	City of Lake Jackson	3		Conduct northeast quadrant flood protection study.							X	X	X
Brazoria	City of Lake Jackson	4		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Lake Jackson	5		Conduct public education campaign to address hazards. Outreach will be conducted through town hall meetings and other public facilities. Reading materials will be placed in public buildings such as libraries and city hall.							X	X	X
Brazoria	City of Lake Jackson		1	Improve drainage downstream from State Highway 332. Highway facility currently creates structural blockage of downstream water flow to main pump station operated by Velasco Drainage District.					X	Funding	X	X	X
Brazoria	City of Lake Jackson		2	Enhance radio tower and centralize equipment.	X					Completed			
Brazoria	City of Lake Jackson		3	Upgrade electrical system at wells 94 and 15. Install transfer switch at wells 7, 8, 9, 10, 11, 12 and 16. Enable city to run all wells off emergency generators WAT 36.	X					Completed		X	
Brazoria	City of Lake Jackson		4	Implement improvements to State Highway 332 at Oak Drive grade separation in order to speed hurricane evacuation.		X					SH288/332 improvement		
Brazoria	City of Lake Jackson		5	Install new electrical system in 24 lift stations to include power transfer switches. Transfer switches and quick connects are needed to allow mobile generators to operate. Through installation of these switches, Lake Jackson can rotate portable generators as needed as opposed to purchasing permanent generators dedicated to each lift station and well.					X	Funding	X	X	
Brazoria	City of Lake Jackson		6	Install emergency power to water/sewer - 350 KW and 120 KW trailer mounted generators.	X					Completed			
Brazoria	City of Lake Jackson		7	Clear trees and brush from Oyster Creek.	X					Completed	X	X	
Brazoria	City of Lake Jackson		8	Partner with City of Clute and Velasco Drainage District to conduct Flag Lake drainage study. Runoff from City of Lake Jackson flows into City of Clute. City of Clute and Velasco Drainage District would conduct drainage project after completion of study.				X		Unfunded	X	X	X

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Brazoria	City of Lake Jackson		9	Purchase online analyzers.				X					
Brazoria	City of Lake Jackson		10	Upgrade and enlarge drainage outfall pipe on Flag Lake Road.	X					Completed	X	X	X
Brazoria	City of Lake Jackson		11	Downtown Storm Sewer Outfall No. 5 (Oak) - Install gutter line slotted and area drain junction boxes along downtown business district loop (i.e., Circle Way, That Way, Parking Way). Oak Drive outfall drain system - upsize and regrade.	X					Completed	X	X	X
Brazoria	City of Liverpool	1		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Liverpool	2		Partner with local Drainage District to maintain ditches and culverts.									X
Brazoria	City of Liverpool	3		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Liverpool	4		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Liverpool		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance	X					Completed			
Brazoria	City of Liverpool		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Liverpool		3	Purchase equipment generator.	X					Completed			
Brazoria	City of Liverpool		4	Develop public education campaign addressing hazard awareness.		X				Partially funded			
Brazoria	City of Manvel	1		Acquire Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties in the 100-year floodplain, as identified by FEMA and NFIP.							X	X	X
Brazoria	City of Manvel	2		Improve GIS to include repetitive loss areas and structures.									X
Brazoria	City of Manvel	3		Gates Loop subdivision drainage improvements including deepening and widening ditches around Gates Loop and Sandy Point Rd.							X	X	X
Brazoria	City of Manvel	4		Flora Street drainage improvements, including storm sewer rehabilitation and ditch cleaning.							X	X	X
Brazoria	City of Manvel	5		State Highway 6 drainage improvements, including storm sewer rehabilitation, ditch deepening, and subregional detention ponds.							X	X	X
Brazoria	City of Manvel	6		Alleluia Trail drainage improvements, including storm sewer rehabilitation and ditch deepening.							X	X	X
Brazoria	City of Manvel	7		Tammy and Lira Streets drainage Improvements, including storm sewer rehabilitation and ditch deepening.							X	X	X
Brazoria	City of Manvel	8		Conduct wildfire outreach and education campaign. Make presentations at civic club meetings and local schools.							X	X	
Brazoria	City of Manvel		1	Develop actions to alleviate structure and evacuation route flooding - this action could evolve into several projects.				X		Unfunded	X		X
Brazoria	City of Oyster Creek	1		Participate in CRS Workshop hosted by H-GAC.									X
Brazoria	City of Oyster Creek	2		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Oyster Creek	3		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Oyster Creek		1	Develop and implement drainage plan.				X		Unfunded	X	X	X
Brazoria	City of Oyster Creek		2	Reduce exposure to hazardous materials (pipeline leaks, transportation accidents, etc.).		X				Continuous			
Brazoria	City of Oyster Creek		3	Develop debris management plan.	X					Completed			
Brazoria	City of Oyster Creek		4	Install portable generators/pumps for water and sewer.				X		Unfunded		X	
Brazoria	City of Quintana	1		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	City of Quintana	2		Partner with local Drainage District to maintain ditches and culverts.									X
Brazoria	City of Quintana	3		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	City of Quintana	4		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	City of Quintana		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance	X					Completed			
Brazoria	City of Quintana		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Quintana		3	Purchase equipment generator.	X					Completed			
Brazoria	City of Quintana		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Richwood	1		Develop Master Drainage Plan.							X	X	X
Brazoria	City of Richwood	2		Participate in CRS Workshop hosted by H-GAC.									X
Brazoria	City of Richwood	3		Replace radio system in the Communication Center.									
Brazoria	City of Richwood	4		Purchase two rescue vehicles.									
Brazoria	City of Richwood	5		Install emergency power to water/sewer - 350 KW and 120 KW trailer mounted generators.								X	
Brazoria	City of Richwood	6		Purchase 14 to 18 foot boat, motor and trailer.									
Brazoria	City of Richwood		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance.	X					Completed			
Brazoria	City of Richwood		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	City of Richwood		3	Purchase equipment generator.	X					Completed			
Brazoria	City of Richwood		4	Develop public education campaign addressing hazard awareness.				X		Unfunded			
Brazoria	City of Sweeny	1		Enlarge culverts along Stevenson Slough.							X	X	X
Brazoria	City of Sweeny	2		Participate in a CRS workshop hosted by H-GAC in 2013.							X	X	X

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Brazoria	City of Sweeny	3		Conduct outreach on flood hazards at town meetings.							X	X	X
Brazoria	City of Sweeny		1	Implement drainage improvement program to include cleaning of ditches, increasing size of drainage culverts, including box culverts on CR 332.				X		Unfunded	X	X	X
Brazoria	City of Sweeny		2	Develop an evacuation plan.				X		Unfunded			
Brazoria	City of Sweeny		3	Develop awareness program to educate residents of pipeline-related hazards.				X		Unfunded			
Brazoria	City of Sweeny		4	Develop hazardous chemicals handling plan for possible train derailment.				X		Unfunded			
Brazoria	Velasco Drainage District	1		Purchase and install additional pump equipment in the East Levee Pump Station - present station is configured with 3 blank openings. Would provide an additional 480,000 gallons per minute to the Clute/Lake Jackson watershed which improves drainage capacity							X	X	X
Brazoria	Velasco Drainage District	2		Construct detention pond in the Clute/Lake Jackson watershed. Propose to build near the East Levee Pump Station adjacent to the Clute/Lake Jackson Pump Station. Provides same pumping capacity as a pump station because water will flow into detention pond a							X	X	X
Brazoria	Velasco Drainage District	3		Safe room construction of existing building (Ditch #13 pump station), a pump station vital to flood protection in East Clute.							X	X	X
Brazoria	Velasco Drainage District	4		Construct detention pond in upper Clute/Lake Jackson watershed 75 acres. Propose to build south of Sea Center adjacent to the Clute/Lake Jackson Drainage Channel. Provides the 800,000 gallons per minute diverted flood water into pond. Helps the cities of							X	X	X
Brazoria	Village of Bonney	1		Participate in CRS workshop hosted by H-GAC.									X
Brazoria	Village of Bonney	2		Partner with local Drainage District to maintain ditches and culverts.									X
Brazoria	Village of Bonney	3		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Brazoria	Village of Bonney	4		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Brazoria	Village of Bonney		1	Development of mutual aid/intra-local agreements with area communities for post-disaster assistance	X					Completed			
Brazoria	Village of Bonney		2	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Brazoria	Village of Bonney		3	Purchase equipment generator.		X				Rural Affairs Grant			
Brazoria	Village of Bonney		4	Develop public education campaign addressing hazard awareness.				X		No funding			
Brazoria	Village of Surfside Beach	1		Upgrade culverts to achieve better drainage. Heavy rain and high tides we experience flooding throughout the city. This causes roads to erode faster and has the potential to damage property as well as above and below ground infrastructure. Places an added							X	X	X
Brazoria	Village of Surfside Beach	2		Nearshore Breakwater Field to reduce erosion by 55-60%. Project would last for more than twenty years and extend the benefits of the recently renourished beach and newly constructed revetment wall.							X	X	X
Brazoria	Village of Surfside Beach	3		Extend Beach Drive revetment wall from end of existing wall all the way to the jetties.							X	X	X
Brazoria	Village of Surfside Beach	4		Purchase and install risers/expansion rings for sewer pits. Elevation at sea level rise prevention conventional wastewater treatment. Use vacuum system and transport via pipe to nearby town protected by storm levee. Sewer pits are often flooded with water							X	X	X
Brazoria	Village of Surfside Beach		1	Remove rip-rap from one mile of beach.			X			Will be handled by GLO			
Brazoria	Village of Surfside Beach		2	Acquisition of property seaward of first line of stable vegetation.	X					Completed			X
Brazoria	Village of Surfside Beach		3	Establish shoreline protection program.			X			Completed by GLO		X	
Brazoria	Village of Surfside Beach		4	Purchase new rescue vehicles.			X			Does not address mitigation			
Brazoria	Village of Surfside Beach		5	Develop a debris management plan.	X					Completed			
Brazoria	Village of Surfside Beach		6	Construct bulkhead along one mile of Beach Drive.	X					Completed			
Brazoria	Village of Surfside Beach		7	Install hurricane shutters on city hall and community center.					X	Unfunded		X	
Brazoria	Village of Surfside Beach		8	Elevate water meters. Surfside is at sea level and has very shallow water table as well as being surrounded by wetlands. Our water meters are often inundated with water for this reason.				X		Funding	X	X	
Brazoria	Village of Surfside Beach		9	Implement beach and dune preservation program.	X					Completed	X	X	
Brazoria	Village of Surfside Beach		10	Acquisition of property seaward of first line of vegetation (LOV), emphasis on area seaward of Beach Drive from Texas Street to Crab Street.				X		Unfunded			X
Chambers	Chambers County	1		Install siren system countywide to inform the public of imminent hazards.									
Chambers	Chambers County	2		Retrofit windows in EOC to protect against severe winds.								X	
Chambers	Chambers County		1	Purchase spill containment booms for all bayous and rivers intersecting with public roads.				X					
Chambers	Chambers County		2	Conduct clearing and grubbing to establish channels at Hackberry Gully and Cotton Bayou from IH-10 to Cotton Lake.				X		Right of way/easement issue	X	X	X
Chambers	Chambers County		3	Adopt policy requiring all petroleum pipelines crossing district canal system to be encased and protected by end seals.	X					Completed			
Chambers	Chambers County		4	Purchase floating boom system for use in Turtle bayou and District Canal System.	X					Completed			

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Chambers	Chambers County		5	Develop one foot freeboard requirement for new construction in the floodplain.	X					Completed	X		X
Chambers	Chambers County		6	Channelize Winnie/Stowell main drainage outfalls.				X		Right of way/easement issue	X	X	X
Chambers	Chambers County		7	Repair major breach in storage reservoir and canal laterals.	X					Completed	X	X	X
Chambers	Chambers County		8	Channelize outfall channels in unincorporated areas of west Chambers County west of the Trinity River.				X		Right of way/easement issue	X	X	X
Chambers	Chambers-Liberty Counties Navigation District	1		Purchase and install two portable generators at Lake Anahuac pump station facility to maintain water supply during power outage.							X	X	
Chambers	Chambers-Liberty Counties Navigation District	2		Purchase and install two portable generators at Anahuac pump station to maintain water supply during power outage.							X	X	
Chambers	Chambers-Liberty Counties Navigation District	3		Increase size of pipe under Double Bayou at Lone Oak south of Brown & Root pipeyard in order to supply adequate supply of water for irrigation and wildfire suppression.							X	X	X
Chambers	City of Anahuac	1		Enlarge and harden control room at water treatment plant to be more hazard resistant and continue to pump water.							X		
Chambers	City of Anahuac	2		Enlarge and harden control room at sewer treatment plant to be more hazard resistant.							X		
Chambers	City of Anahuac	3		Attend CRS workshop hosted by H-GAC.									X
Chambers	City of Anahuac	4		Purchase and install two permanent generators at water plant and city hall (critical facility and shelter in place).							X	X	
Chambers	City of Anahuac		1	Demolish and reconstruct two bridges that create obstruction and restrict flow of Anahuac outfall ditch. Increase span from 20 feet to 60 feet.					X	Right of way/easement issue	X	X	X
Chambers	City of Beach City	1		Purchase and install two portable generators to power water and sewer utility providers during power outages.								X	
Chambers	City of Beach City	2		Raise bridge on FM 2354 over Cedar Gully. Bridge is too low and flooding over it is a problem. Raising the bridge higher over Cedar Gully will avoid flooding of bridge and reduce threat of loss of life and damage to bridge and motorists.							X	X	X
Chambers	City of Beach City	3		Attend CRS workshop hosted by H-GAC.									X
Chambers	City of Beach City		1	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Chambers	City of Beach City		2	Develop public education campaign addressing hazard awareness.			X			Found alternative			
Chambers	City of Beach City		3	Conduct town meetings to educate citizens and city officials regarding preparedness, mitigation and recovery information and procedures.			X			Found alternative			
Chambers	City of Cove	1		Attend CRS workshop hosted by H-GAC.									X
Chambers	City of Cove	2		Obtain drainage right of ways in Hackberry Creek.							X	X	X
Chambers	City of Cove	3		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X
Chambers	City of Cove		1	Develop debris management plan to speed up the removal of debris generated by flood/hurricane events, etc.	X					Completed			
Chambers	City of Cove		3	Conduct town meetings to educate citizens and city officials regarding preparedness, mitigation and recovery information and procedures.				X		Found alternative	X	X	
Chambers	City of Mont Belvieu	1		Install siren system to alert citizens of hazards.									
Chambers	City of Mont Belvieu	2		Enlarge existing Cotton Bayou to I-10 to increase capacity and detention.							X	X	X
Chambers	City of Mont Belvieu	3		Enlarge existing Hackberry Gully to I-10 to increase capacity and detention.							X	X	X
Chambers	City of Mont Belvieu	4		Enlarge Old River diversion channel to increase capacity and detention.							X	X	X
Chambers	City of Mont Belvieu	5		Extension of Cotton Bayou to FM 565 to increase capacity and detention.							X	X	X
Chambers	City of Mont Belvieu		1	Excavate and realign Hackberry Gully and Cotton Bayou from IH-10 to Cotton Lake.					X	Parts of project are incorporated into other actions	X	X	X
Chambers	City of Old River-Winfree	1		Harden permanent waste water treatment plant.							X		
Chambers	City of Old River-Winfree	2		Harden sewer treatment plant.							X		
Chambers	City of Old River-Winfree	3		Attend CRS workshop hosted by H-GAC.									X
Chambers	City of Old River-Winfree		1	Channelize outfalls in Woodland Acres Subdivision/Old River outfall.					X	Funding	X	X	X
Chambers	Trinity Bay Conservation District	1		Relocate reinforced salt water barrier to north of existing Spindletop Bayou.							X	X	X
Chambers	Trinity Bay Conservation District	2		Enlarge Spindletop Bayou Lateral 1 in Winnie to increase capacity and detention.							X	X	X
Chambers	Trinity Bay Conservation District	3		Enlarge Spindletop Bayou Lateral 2 in Winnie/Stowell area to increase capacity and detention.							X	X	X

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Chambers	Trinity Bay Conservation District	4		Extend upper end of Mayhaw Bayou Lateral 2 in Stowell area to increase capacity and detention.							X	X	X
Chambers	Trinity Bay Conservation District	5		Enlarge lower end of Mayhaw Bayou in Winne/Stowell area to increase capacity and detention.							X	X	X
Chambers	Trinity Bay Conservation District	6		Harden critical infrastructure to make office compliant with current windstorm requirements.								X	
Chambers	Trinity Bay Conservation District	7		Construct a safe room attached to new office.									
Chambers	Trinity Bay Conservation District	8		Upsize culverts at Oyster Bayou and Lone Star Canal.							X	X	X
Chambers	Trinity Bay Conservation District	9		Purchase and install portable generator for Oak Island sewer plant.							X	X	
H-GAC	H-GAC	1		In the next HMP Update, use the 2010 Census data and most recent release of HAZUS that incorporates that data.							X	X	
H-GAC	H-GAC	2		Conduct feasibility study to determine policy changes needed to implement greywater use.							X	X	
H-GAC	H-GAC	3		Confirm and improve accuracy of locations of dams and levees identified in the National Inventory of Dams.							X	X	
H-GAC	H-GAC	4		Conduct wildfire outreach and education workshop for local governments. Workshop will include information on how to create defensible space, reduce hazardous fuels and structural protection through ignition-resistant construction activities.							X	X	
H-GAC	H-GAC	5		Conduct 2016 update of Regional Hazard Mitigation Plan.							X	X	X
H-GAC	H-GAC	6		Conduct dam safety workshop for private and public owners of dams and levees.							X	X	
H-GAC	H-GAC	7		For next hazard mitigation plan update, provide improved information on wildfire extent, including intensity of flames and type of fire (grassland, canopy).							X	X	
H-GAC	H-GAC	8		For next hazard mitigation plan update, provide improved information on flooding extent, including depth of flood.							X	X	X
H-GAC	H-GAC	9		Conduct workshop for aboveground and subsurface construction over expansive soils for local governments							X	X	
H-GAC	H-GAC	10		Develop brochure for homeowners describing strategies for adapting to expansive soils to minimize or eliminate damage to slab foundations.							X	X	
H-GAC	H-GAC		1	Create GIS map and database of petrochemical pipelines in greater Houston area, including location, size, ownership, commodity and affected populations and property in event of unplanned discharge or rupture. Map will be created and maintained by H-GAC.					X	Difficult to obtain data	X	X	
H-GAC	H-GAC		2	Conduct FEMA debris monitoring workshop/training.				X		On-going. Conduct annual storm debris workshop for local governments			
H-GAC	H-GAC		3	Conduct public outreach to educate local governments on disaster-resistant building methods.					X	Modified in 2011 to reflect local governments	X		
H-GAC	H-GAC		4	Conduct information workshop on the Community Rating System (CRS). Target audience is local government officials responsible for carrying out flood mitigation projects.				X		Lack of funding limits opportunities to co-hosting other workshops with TWDB and partners.	X	X	X
H-GAC	H-GAC		5	Conduct workshops to train communities how to apply for a Pre-Disaster Mitigation (PDM) grant.				X		Lack of funding	X	X	
H-GAC	H-GAC		6	Develop Vegetation Management Plans for counties and cities impacted by 2005 hurricanes - emphasis on locations within Brazoria, Chambers, Liberty, Montgomery and Walker counties.					X	Lack of funding			
H-GAC	H-GAC		7	Conduct training on developing and implementing Vegetation Management Plans for counties and cities impacted by 2005 hurricanes - emphasis on locations within Brazoria, Chambers, Liberty, Montgomery and Walker counties.					X	Lack of funding	X	X	X
Liberty	City of Ames	1		Conduct wildfire outreach and education campaign.							X	X	
Liberty	City of Ames	2		Participate in CRS workshop hosted by H-GAC.									X
Liberty	City of Ames	3		Conduct hurricane outreach and education campaign.							X	X	X
Liberty	City of Ames		1	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of natural hazards				X		On-going			
Liberty	City of Ames		2	Improve drainage system.		X				Identifying projects, funding availability	X	X	X
Liberty	City of Ames		3	Notify public of evacuation routes.				X		Working on public education programs			X
Liberty	City of Ames		4	Develop education and awareness program in order to notify residents of the dangers associated with pipeline failures		X				Funding not available			
Liberty	City of Cleveland	1		Replace and relocate Fire Station 1.								X	
Liberty	City of Cleveland	2		Retrofit police department EOC with generators for emergency backup power to maintain critical services during power outages caused by natural hazards.								X	
Liberty	City of Cleveland	3		Attend CRS workshop hosted by H-GAC.									X
Liberty	City of Cleveland	4		Conduct wildfire outreach and education campaign.							X	X	
Liberty	City of Cleveland		1	Contract with First Call Network to notify citizens by phone of possible hazards.				X		As funding allows			
Liberty	City of Cleveland		2	Adopt 25-foot setback from pipeline right-of-way.				X		Ordinance development study underway			
Liberty	City of Cleveland		3	Install larger drainage lines in downtown Cleveland to reduce flooding.				X		As funding allows	X	X	X

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County	Jurisdiction	2011 Mitigation Action No	2006 Mitigation Action No	Project Description	2006 Mitigation Action Status						Reduce hazard impacts on new buildings and infrastructure	Reduce hazard impacts on existing buildings and infrastructure	NFIP Compliance
					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Liberty	City of Cleveland		4	Reduce exposure to hazardous materials.				X		Processes and procedures being developed			
Liberty	City of Daisetta	1		Participate in CRS workshop hosted by H-GAC.									X
Liberty	City of Daisetta	2		Drainage projects.						X	X		X
Liberty	City of Daisetta		1	Conduct public education and awareness campaign regarding hazardous materials.				X		As schedule allows			
Liberty	City of Daisetta		2	Retrofit high school, city hall for shelter during emergency.				X		As funding allows	X		
Liberty	City of Daisetta		3	Educate city council on benefits of mitigation and encourage council members to become more involved.				X		As schedule allows			
Liberty	City of Daisetta		4	Upgrade existing warning system to alert citizens of pending natural hazards.				X		As funding allows			
Liberty	City of Dayton	1		Establish GIS-based hazard information system.						X	X		
Liberty	City of Dayton	2		Implement drainage channel improvements to reduce flooding including increased culvert size at SH321 underpass to Waco St.						X	X		X
Liberty	City of Dayton	3		Local emergency evacuation transportation plan in synch with TxDOT planning and routes.									
Liberty	City of Dayton	4		Permanent back up power (generator) for SH 321 underpass.									
Liberty	City of Dayton	5		Develop a truck bypass around Dayton.									
Liberty	City of Dayton		1	Enforce wind load requirements for new construction within city limits.				X		On-going	X		
Liberty	City of Dayton		2	Develop drainage master plan.				X		In place, updated as necessary			X
Liberty	City of Dayton		3	Develop city drainage ordinance.				X		In place, updated as necessary	X	X	X
Liberty	City of Dayton		4	Develop hazardous materials (HAZMAT) plan.				X		In place, updated as necessary			
Liberty	City of Dayton		5	Work with Liberty County, TxDOT and other neighboring cities to develop a coordinated system of emergency evacuation routes.				X		Developed as possible			
Liberty	City of Dayton		6	Disseminate information on the dangers of thunderstorms.				X		On-going			
Liberty	City of Dayton		7	Disseminate information on the dangers of tornadoes.				X		On-going			
Liberty	City of Dayton		8	Disseminate information on the dangers of hurricanes and tropical storms.				X		On-going	X	X	
Liberty	City of Dayton		9	Work with county to establish a water conservation district.				X		Underway and updated as warranted			
Liberty	City of Dayton		10	Develop a capital improvement program addressing drainage issues.				X		Underway and updated as warranted			X
Liberty	City of Dayton		11	Increase culvert size at railroad crossings.				X		Underway and updated as warranted	X	X	X
Liberty	City of Dayton		12	Provide for erosion control measures at Luke Street Bridge drainage outfall.				X		Underway and updated as warranted	X	X	
Liberty	City of Dayton		13	Enlarge storm drain to reduce flooding from Main Street to Church Street.				X		Underway and updated as warranted	X	X	X
Liberty	City of Dayton		14	Increase culvert size to reduce flooding at Highway 90 and Waco Street.				X		Underway and updated as warranted	X	X	X
Liberty	City of Dayton		15	Install storm drain in place of open ditch along Lawrence Street from Willow Street to Juanita Street (approximately 2,400 linear feet).	X					Completed	X	X	X
Liberty	City of Dayton		16	Oversize to a minimum 36-inch storm drain RCP pipe and inlets along Houston Street from Cleveland heading east to major outfall (approx 4000 linear feet).	X					Completed	X	X	X
Liberty	City of Dayton Lake Estates	1		Conduct wildfire outreach and education campaign.							X	X	
Liberty	City of Dayton Lake Estates		1	Re-route County Road 2331 to area not prone to flooding.				X		As funding allows	X	X	X
Liberty	City of Dayton Lake Estates		2	Construct bulkhead along Trinity River to reduce flooding impacts to County Road 2231.				X		Funding	X	X	
Liberty	City of Dayton Lake Estates		3	Improve drainage by cleaning out/re-grading ditches within City of Dayton Lake Estates.				X		As schedule/funding allows	X	X	X
Liberty	City of Dayton Lake Estates		4	Re-size inadequately sized culverts and clean out existing culverts to allow for improved drainage of rainwater.				X		As schedule/funding allows	X	X	X
Liberty	City of Dayton Lake Estates		5	Construct detention pond.				X		Funding	X	X	X
Liberty	City of Devers	1		Attend CRS workshop hosted by H-GAC.									X
Liberty	City of Devers	2		Conduct wildfire outreach and education campaign.							X	X	
Liberty	City of Devers	3		Conduct flood hazard outreach and education campaign.							X	X	X
Liberty	City of Devers		1	Conduct hazardous materials evacuation study.				X		As funding allows			
Liberty	City of Devers		2	Conduct stormwater management study, to include ditch cleanouts and enhanced culverts.				X		As schedule/funding allows	X	X	X
Liberty	City of Devers		3	Develop identification and notification system for citizens living in the vicinity of pipelines.				X		As funding allows			
Liberty	City of Devers		4	Conduct traffic light study at intersection of Hwy 90 and SH 61 to determine evacuation-related impacts.				X		As schedule allows			
Liberty	City of Hardin		1	Develop a locally-specific hazard mitigation plan.				X		Funding			
Liberty	City of Hardin		2	Implement subdivision ordinance regulations concerning building in flood-prone areas.				X		Work in progress	X		X
Liberty	City of Hardin		3	Work with other entities to develop recovery procedures to minimize loss of life or property damages due to hazardous materials (HAZMAT) spills.				X		As time/schedule allows			
Liberty	City of Hardin		4	Educate the public regarding dangers of hazardous materials (HAZMAT) spills.				X		Work in progress			
Liberty	City of Hardin		5	Join the community rating system.				X		Study underway			X
Liberty	City of Hardin		6	Reduce flooding by increasing size of culverts to 24 inches on County Road 2361, 2362, 2363, and 2364 and CR 2358.				X		As funding allows	X	X	X
Liberty	City of Hardin		7	Educate the public on tornado-related impacts.				X		On-going			
Liberty	City of Hardin		8	Inform the public regarding the use of wind-resistant construction techniques.				X		On-going	X	X	
Liberty	City of Kenefick	1		Conduct wildfire outreach and education program.							X	X	
Liberty	City of Kenefick	2		Conduct flood hazard outreach and education program.							X	X	X
Liberty	City of Kenefick	3		Attend CRS workshop hosted by H-GAC.							X	X	X

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Liberty	City of Kenefick		1	Develop culvert maintenance program.				X		Work in progress	X	X	X
Liberty	City of Kenefick		2	Improve grading of road ditches adjacent to existing roads.				X		Work in progress	X	X	X
Liberty	City of Liberty	1		Conduct wildfire outreach and education program.							X	X	
Liberty	City of Liberty	2		Conduct flood hazard outreach and education program.							X	X	X
Liberty	City of Liberty		1	Implement drainage program in the Whittington Addition.	X					Completed	X	X	X
Liberty	City of Liberty		2	Elevate FM 2684 to secure secondary evacuation route for South Liberty Oilfield.				X		As funding allows			
Liberty	City of Liberty		3	Establish hazardous materials (HAZMAT) cargo route.	X					Completed			
Liberty	City of Liberty		4	Relocate animal shelter.	X					Completed			
Liberty	City of Liberty		5	Join the community rating system.				X		Study underway			X
Liberty	City of Liberty		6	Purchase and install generator at north water well.	X					Completed with City funds		X	
Liberty	City of Liberty		7	Construction of pump room at electrical power plant to prevent flooding at power plant.				X		As funding allows	X	X	
Liberty	City of Liberty		8	Trim tree limbs contacting electrical lines to prevent power failure at critical facility.				X		Work in progress			
Liberty	City of Liberty		9	Initiate Building Code Effectiveness Grading Schedule (BCEGS).				X		Work in progress	X		
Liberty	City of Liberty		10	Reverse 911 call system to inform citizens of imminent hazards.				X		Work in progress, updated as necessary			
Liberty	City of Liberty		11	Create safe room in public facility.				X		As funding allows			
Liberty	City of North Cleveland	1		Design and construct new bridge over East Fork San Jacinto River on Low Water Bridge Road (County Road 388) to reduce flooding.							X		X
Liberty	City of North Cleveland	2		Acquisition of property in the floodplain.							X	X	X
Liberty	City of North Cleveland	3		North Cleveland emergency shelter located at old TxDOT offices on FM 2025.									
Liberty	City of North Cleveland	4		Engineering study for drainage improvements.							X	X	X
Liberty	City of North Cleveland	5		Attend CRS workshop hosted by H-GAC.									X
Liberty	City of North Cleveland	6		Conduct wildfire outreach and education campaign.							X	X	
Liberty	City of North Cleveland	7		Conduct flood hazard outreach and education campaign.							X	X	X
Liberty	City of North Cleveland		1	Elevate Bridge Road.				X		As funding allows		X	X
Liberty	City of Plum Grove	1		Expand development of emergency notification system/work to establish public awareness of emergency notification process.									
Liberty	City of Plum Grove	2		Attend CRS workshop hosted by H-GAC.									X
Liberty	City of Plum Grove	3		Conduct wildfire outreach and education campaign.							X	X	
Liberty	City of Plum Grove	4		Conduct flood hazard outreach and education campaign.							X	X	X
Liberty	City of Plum Grove		1	Develop emergency notification system.				X		Updated as necessary			
Liberty	City of Plum Grove		2	Purchase generator for City Hall to run water well, air conditioning and lights during emergencies.				X		Expanding as funds allow			
Liberty	City of Plum Grove		3	Reduce flooding by raising road surface of Plum Grove Road and installing larger culverts from FM 1010 intersection to Paul Campbell Loop and at Orange Branch crossing.				X		As funding allows	X	X	X
Liberty	Liberty County	1		Construct FEMA-approved tornado/hurricane-proof structure.							X	X	
Liberty	Liberty County	2		Conduct structural engineering study on all public buildings.									
Liberty	Liberty County	3		Complete a master drainage study on all watersheds.							X	X	X
Liberty	Liberty County	4		Rechannelize existing feeder creeks that flow from north to south and improve drainage for stormwater runoff.							X	X	X
Liberty	Liberty County	5		Establish a countywide drainage plan.							X	X	X
Liberty	Liberty County	6		Harden bridge, dam and spillway in Winter Valley Subdivision under TCEQ permit No. 366.									
Liberty	Liberty County		1	Acquire property located in the floodplain including properties located in subdivisions along the Trinity River.				X		As funding allows	X		X
Liberty	Liberty County		2	Adopt code requiring adequate wind strapping of structures.				X		As regulations are designed and approved	X		
Liberty	Liberty County		3	Establish and enforce hazardous materials route.				X		As regulations developed and approved			
Liberty	Liberty County		4	Work with adjoining counties in regards to flood and drainage issues.				X		On going as schedule allows	X	X	X
Liberty	Liberty County		5	Installation of dry fire hydrants in selected locations throughout Liberty County.				X		As funding allows	X	X	
Liberty	Liberty County		6	Educate and inform the public regarding hurricane wind protective measures.				X		On going as schedule allows			
Liberty	Liberty County		7	Purchase updated topographic maps/complete LiDAR aerial survey for drainage plan.				X		As funding allows			X
Liberty	Liberty County		8	Update Flood Insurance Rate Maps (FIRMs).				X		As information is received and funding allows	X		X
Liberty	Liberty County		9	Add bench marks to updated Flood Insurance Rate Maps.				X		Continuing as updates needed			X
Liberty	Liberty County		10	Establish a countywide drainage district.				X		Pending grant approval	X	X	X
Liberty	Liberty County		11	Increase culvert size in identified flood hazard problem areas within Liberty County.				X		As Funding and time allow	X	X	X
Montgomery	City of Conroe	1		Public safety and risk assessment study/plan.									
Montgomery	City of Conroe	2		Regional detention feasibility study.							X	X	X
Montgomery	City of Conroe	3		Implement Ready, Set, Go Educational Program.							X	X	
Montgomery	City of Conroe	4		Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.							X	X	X

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Montgomery	City of Conroe	5		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X	
Montgomery	City of Conroe	6		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X
Montgomery	City of Conroe		1	Develop comprehensive high rise disaster plan.			X			Funding not available			
Montgomery	City of Conroe		2	Develop drainage enhancement program.		X				Funding not available	X	X	X
Montgomery	City of Conroe		3	Develop contingency plan for public water system disaster.	X					Completed			
Montgomery	City of Conroe		4	Develop plan of action for civil disturbances, including riots.				X		Funding not available			
Montgomery	City of Conroe		5	Purchase secondary radio system.				X		Funding not available			
Montgomery	City of Conroe		6	Develop aircraft disaster plan.	X					Completed			
Montgomery	City of Conroe		7	Develop severe weather warning system.	X					Completed			
Montgomery	City of Conroe		8	Purchase emergency command vehicle.	X					Completed			
Montgomery	City of Conroe		9	Establish emergency shelter location database.	X					Completed			
Montgomery	City of Conroe		10	Develop hazardous materials (HAZMAT) response plan.	X					Completed			
Montgomery	City of Conroe		11	Implement Lake Conroe Dam failure plan, including education and awareness for affected neighborhoods.					X	Funding not available			
Montgomery	City of Conroe		12	Establish a secondary Emergency Operations Center.				X		Funding not available			
Montgomery	City of Cut and Shoot	1		Purchase of generators for City Hall and water plant to mitigate against the consequences of extended power failures from all disasters. City Hall is used as the City EOC when activated for disasters.								X	
Montgomery	City of Cut and Shoot	2		Attend CRS workshop hosted by H-GAC.									X
Montgomery	City of Cut and Shoot		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception countywide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed			
Montgomery	City of Cut and Shoot		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fullyequipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed			
Montgomery	City of Cut and Shoot		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfires, etc.					X	Funding not available			X
Montgomery	City of Cut and Shoot		4	Promote use of NOAA all-hazard radios throughout County for early warning and post -event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	City of Cut and Shoot		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.				X		Funding not available	X	X	X
Montgomery	City of Cut and Shoot		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		Funding not available	X	X	X
Montgomery	City of Cut and Shoot		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available	X	X	X
Montgomery	City of Cut and Shoot		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.					X	Funding not available			
Montgomery	City of Cut and Shoot		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		Funding not available		X	
Montgomery	City of Magnolia	1		Attend CRS workshop hosted by H-GAC.									X
Montgomery	City of Magnolia	2		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X	
Montgomery	City of Magnolia	3		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X
Montgomery	City of Magnolia		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception countywide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed			
Montgomery	City of Magnolia		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fullyequipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed			
Montgomery	City of Magnolia		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfire, tornadoes.					X	Funding not available	X	X	X
Montgomery	City of Magnolia		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	City of Magnolia		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and/or flooding.					X	Funding not available			X

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification					
Montgomery	City of Magnolia		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.					X	Funding not available	X	X	X	
Montgomery	City of Magnolia		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available			X	
Montgomery	City of Magnolia		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling and health tips for living in a high ozone smog area.				X		Funding not available				
Montgomery	City of Magnolia		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.					X	Funding not available				
Montgomery	City of Montgomery	1		Vegetation management program. Remove excessive vegetation to remove fuel for wildfires and create fire breaks for residences and businesses. Removal of vegetation will have added benefit of removing obstacles for drainage to mitigate flooding.							X	X	X	
Montgomery	City of Montgomery	2		Participate in CRS workshop hosted by H-GAC.									X	
Montgomery	City of Montgomery	3		Removal of debris, silt and vegetation obstacles in drainageways along Anders Branch. Flooding left culverts, swales, and Anders Branch creek bed blocked with silt, logs, and debris. Project will clear obstacles, reshape ditches, and upgrade culverts to restore adequate drainage in the area to mitigate flooding.							X	X	X	
Montgomery	City of Montgomery		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception countywide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed				
Montgomery	City of Montgomery		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed				
Montgomery	City of Montgomery		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfires, etc.					X	Funding not available	X	X		
Montgomery	City of Montgomery		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed				
Montgomery	City of Montgomery		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.					X	Funding not available	X	X	X	
Montgomery	City of Montgomery		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.			X			Funding not available	X	X	X	
Montgomery	City of Montgomery		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available			X	
Montgomery	City of Montgomery		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness progra				X		Funding not available				
Montgomery	City of Montgomery		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.			X			Funding not available	X	X		
Montgomery	City of Oak Ridge North	1		Mitigation of consequences when commercial electrical power is interrupted during crisis and emergency operations by installation of appropriate natural gas fueled electrical generator.								X		
Montgomery	City of Oak Ridge North	2		Participate in CRS workshop hosted by H-GAC.									X	
Montgomery	City of Oak Ridge North	3		Cleaning out and maintaining ditches in City right of ways.									X	
Montgomery	City of Oak Ridge North	4		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X		
Montgomery	City of Oak Ridge North	5		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X	
Montgomery	City of Oak Ridge North		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception county-wide through purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed				
Montgomery	City of Oak Ridge North		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed				
Montgomery	City of Oak Ridge North		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, tornadoes, droughts, wildfires, etc.					X	Funding not available			X	

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Table A-1  
Locally-Specific Mitigation Actions

County	Jurisdiction	2011 Mitigation Action No	2006 Mitigation Action No	Project Description	2006 Mitigation Action Status						Reduce hazard impacts on new buildings and infrastructure	Reduce hazard impacts on existing buildings and infrastructure	NFIP Compliance
					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Montgomery	City of Oak Ridge North		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	City of Oak Ridge North		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.					X	Funding not available			X
Montgomery	City of Oak Ridge North		6	Enforce state and local regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.					X	Funding not available			X
Montgomery	City of Oak Ridge North		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation			X			Funding not available			X
Montgomery	City of Oak Ridge North		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling and health tips for living in a high ozone smog area.			X			Funding not available			
Montgomery	City of Oak Ridge North		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District to promote and increase awareness for residents of Montgomery County pertaining to conserving, protection, and enhancing regional groundwater sources			X			Funding not available			
Montgomery	City of Panorama Village	1		Retrofit Community Center roof to ensure resistance to damaging winds, heavy rains and severe thunderstorms. Provide added protection when employed as a community shelter during emergency conditions.								X	
Montgomery	City of Panorama Village	2		Reduce volume of hazardous fuels such as dead trees and flammable underbrush caused by severe drought. Clear specific areas to provide defensible space, especially vertical clearand of tree branches.							X	X	X
Montgomery	City of Panorama Village	3		Reduce hazardous fuels in open ditches city-wide.							X	X	X
Montgomery	City of Panorama Village		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception county-wide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities.	X					Completed			
Montgomery	City of Panorama Village		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination.	X					Completed			
Montgomery	City of Panorama Village		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfire, tornadoes, etc.					X	Completed			
Montgomery	City of Panorama Village		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities.	X					Completed			
Montgomery	City of Panorama Village		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.					X	Funding not available			
Montgomery	City of Panorama Village		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.					X	Funding not available	X	X	
Montgomery	City of Panorama Village		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available			X
Montgomery	City of Panorama Village		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness progra			X			Funding not available			
Montgomery	City of Panorama Village		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		Funding not available			
Montgomery	City of Panorama Village		10	Widen drainage ditches city-wide.				X		Funding not available	X	X	X
Montgomery	City of Panorama Village		11	Construct bulkhead for small pond adjacent to sewer plant to prevent flooding of sewer plant					X	Funding not available		X	X
Montgomery	City of Panorama Village		12	Rechannelize the waterway and upstream Stewards Creek tributary to widen and deepen in order to reclaim the detention and flood control capability of the Panorama Lake. This will require the removal of debris and vegetation and dredging of excess silt which has accumulated over decades.					X	Funding not available	X	X	X
Montgomery	City of Panorama Village		13	Vegetation management program, emphasis on trees			X			Incorporated as 2011 Action 2	X	X	
Montgomery	City of Patton Village	1		Attend CRS workshop hosted by H-GAC.									X
Montgomery	City of Patton Village	2		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X	
Montgomery	City of Patton Village	3		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Montgomery	City of Patton Village		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception county-wide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed			
Montgomery	City of Patton Village		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed			
Montgomery	City of Patton Village		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, tornadoes, wildfires, drought, etc.					X	Funding not available	X	X	
Montgomery	City of Patton Village		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	City of Patton Village		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.					X	Funding not available		X	X
Montgomery	City of Patton Village		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		Funding not available	X	X	X
Montgomery	City of Patton Village		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available	X	X	X
Montgomery	City of Patton Village		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.				X		Funding not available	X	X	
Montgomery	City of Patton Village		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension to promote and increase awareness for residents in Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		Funding not available	X	X	
Montgomery	City of Shenandoah	1		Improve storm sewer drainage in the Shenandoah Valley area by upgrading the roads and underground drainage to reduce the potential for flooding.							X	X	X
Montgomery	City of Shenandoah	2		Removal of hazardous fuels which will reduce the impact of wildland fires and flooding in the areas of Grogan's Mill road, Vision Park and David Memorial Drive.							X	X	X
Montgomery	City of Shenandoah	3		Storm sewer system installation in the area of the Shenandoah Valley.							X	X	X
Montgomery	City of Shenandoah		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception county-wide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities.	X					Completed			
Montgomery	City of Shenandoah		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed			
Montgomery	City of Shenandoah		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfires, etc.					X	Funding not available	X	X	X
Montgomery	City of Shenandoah		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	City of Shenandoah		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and/or flooding.					X	Funding not available	X	X	X
Montgomery	City of Shenandoah		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		On-going	X	X	X
Montgomery	City of Shenandoah		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available	X	X	X
Montgomery	City of Shenandoah		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.				X		Funding not available	X	X	
Montgomery	City of Shenandoah		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		On-going			
Montgomery	City of Splendora	1		Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of natural hazards such as hurricanes, floods, droughts, wildfires, tornadoes, etc.									
Montgomery	City of Splendora	2		Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.							X	X	X

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Montgomery	City of Splendora	3		Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.							X	X	X
Montgomery	City of Splendora	4		Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.							X	X	X
Montgomery	City of Splendora	5		Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.							X	X	
Montgomery	City of Splendora	6		Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. This may include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.							X	X	
Montgomery	City of Splendora		1	Develop evacuation route.	X					Completed			
Montgomery	City of Splendora		2	Purchase generators to power utilities, emergency communications at water well #1.	X					Completed			
Montgomery	City of Splendora		3	Policing of post-event areas.	X					Completed			
Montgomery	City of Splendora		4	Implement traffic control program.	X					Completed			
Montgomery	City of Splendora		5	Incorporate a natural runoff or zero discharge policy for stormwater in subdivision ordinance.			X			Funding not available	X		X
Montgomery	City of Splendora		6	Improve drainage along First Street and FM 2090 East. Draining improvements include widening of existing drainage, culvert size will be increased.				X		Funding not available	X	X	X
Montgomery	City of Splendora		7	Increase culvert size on First Street under railroad tracks.	X					Completed	X	X	X
Montgomery	City of Splendora		8	Increase culvert size on Cox Street (900 feet North of FM 2090).	X					Completed	X	X	X
Montgomery	City of Splendora		9	Pursue land acquisition for parks in flood-prone locations.			X			Funding not available			X
Montgomery	City of Splendora		10	Implement stormwater management program, including the clearing of debris from waterways.			X			Funding not available	X	X	X
Montgomery	City of Splendora		11	Construct detention ponds in flood-prone areas.			X			Funding not available	X	X	X
Montgomery	City of Splendora		12	Conduct drainage study.	X					Completed	X	X	X
Montgomery	City of Splendora		13	Develop hazardous materials (HAZMAT) awareness and public education program.				X		Funding not available			
Montgomery	City of Splendora		14	Revise Local Flood Damage Prevention Ordinance to incorporate cumulative substantial damage/improvement requirements.			X			Funding not available	X		X
Montgomery	City of Splendora		15	Implement water rationing and enforcement plan.	X					Completed			
Montgomery	City of Splendora		16	Update Flood Insurance Rate Maps (FIRMs).	X					Completed			X
Montgomery	City of Stagecoach	1		Attend CRS workshop hosted by H-GAC.									X
Montgomery	City of Stagecoach	2		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X	
Montgomery	City of Stagecoach	3		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X
Montgomery	City of Stagecoach		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception county-wide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities.	X					Completed			
Montgomery	City of Stagecoach		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination.	X					Completed			
Montgomery	City of Stagecoach		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfires, etc.				X		Funding not available	X	X	X
Montgomery	City of Stagecoach		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities.	X					Completed			
Montgomery	City of Stagecoach		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.				X		Funding not available		X	X
Montgomery	City of Stagecoach		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		Funding not available	X	X	X
Montgomery	City of Stagecoach		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available	X	X	X
Montgomery	City of Stagecoach		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.				X		Funding not available			
Montgomery	City of Stagecoach		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		Funding not available			

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete				
Montgomery	City of Willis	1		Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfires, etc.										
Montgomery	City of Willis	2		Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.										
Montgomery	City of Willis	3		Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.										X
Montgomery	City of Willis	4		Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.										X
Montgomery	City of Willis	5		Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.										
Montgomery	City of Willis	6		Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.										
Montgomery	City of Willis		1	Build stormwater detention pond on north end of John F. Kennedy and Turner Drive.				X		Funding not available	X	X	X	
Montgomery	City of Willis		2	Widen and re-grade Crystal Creek from Montgomery Street to Powell Street to reduce flooding issues in town.				X		Funding not available	X	X	X	
Montgomery	City of Willis		3	Enlarge and improve culverts on Crystal Creek at Worsham Street.				X		Funding not available	X	X	X	
Montgomery	City of Willis		4	Locate and designate emergency crossings of Union Pacific Railroad tracks, for emergency services in case of derailment, blockage, or hazardous materials spill	X					Funding not available				
Montgomery	City of Willis		5	Improve drainage outfall from Willwood Subdivision to Janet Drive and from FM 2432 to Janet Drive. Regrade existing ditch and construct additional ditch length.				X		Funding not available	X	X	X	
Montgomery	City of Woodbranch Village	1		Attend CRS workshop hosted by H-GAC.										X
Montgomery	City of Woodbranch Village	2		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X		
Montgomery	City of Woodbranch Village	3		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X	
Montgomery	City of Woodbranch Village		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception countywide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed				
Montgomery	City of Woodbranch Village		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully equipped hazmat mobile response vehicle to provide minor triage, decontamination.	X					Completed				
Montgomery	City of Woodbranch Village		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfires and tornadoes.				X		Funding not available				X
Montgomery	City of Woodbranch Village		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed				
Montgomery	City of Woodbranch Village		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.					X	Funding not available				X
Montgomery	City of Woodbranch Village		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.					X	Funding not available	X	X	X	
Montgomery	City of Woodbranch Village		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.					X	Funding not available				X
Montgomery	City of Woodbranch Village		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.				X		Funding not available				
Montgomery	City of Woodbranch Village		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.					X	Funding not available				

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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete				
Montgomery	Montgomery County	1		Maintain mobile alternate care sites and associated resources necessary for deployment.										
Montgomery	Montgomery County	2		Implement Ready, Set, Go Educational Program.							X	X		
Montgomery	Montgomery County	3		Participate in CRS workshop hosted by H-GAC.										X
Montgomery	Montgomery County	4		Reduce hazardous fuels in ditches in county right of way to lessen the threats and impacts from wildfires, droughts and floods.							X	X		X
Montgomery	Montgomery County		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception countywide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities.	X					Completed				
Montgomery	Montgomery County		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination.	X					Completed				
Montgomery	Montgomery County		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfire, tornadoes.					X	Funding not available	X	X		
Montgomery	Montgomery County		4	Promote use of NOAA all-hazard radios through County for early warning and post-event information. Place radios in area schools, businesses, critical facilities.	X					Completed				
Montgomery	Montgomery County		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and/or flooding.					X	Funding not available	X	X		X
Montgomery	Montgomery County		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		On-going project	X	X		X
Montgomery	Montgomery County		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available	X	X		X
Montgomery	Montgomery County		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, car-pooling, and health tips for living in a high ozone smog area.				X		Funding				
Montgomery	Montgomery County		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		On-going project	X	X		
Montgomery	The Woodlands Township	1		Install hurricane shutters on newly acquired Township property (City Hall) in order to house Fire Department Dispatch and the Emergency Operations Center								X		
Montgomery	The Woodlands Township	2		Construct and integrate safe room design within the Fire Department, Dispatch and Emergency Operations Center										
Montgomery	The Woodlands Township	3		Purchase rescue boats for new fire station located south of Spring Creek - flood-prone areas.										
Montgomery	The Woodlands Township	4		Purchase flat bottom air boat for access and rescue in flood-prone areas.										
Montgomery	The Woodlands Township	5		Purchase and install building generator for Emergency Training Center and utilize for county/local/private emergency vehicle/utility vehicle staging								X		
Montgomery	The Woodlands Township	6		Implement drainage improvements for Bear Branch Park and Shadow Bend, Sawdust and Golden Road							X	X		X
Montgomery	The Woodlands Township	7		Construct localized Community Safe Rooms strategically throughout The Woodlands (approx. 8)										
Montgomery	The Woodlands Township	8		Develop and install a community hazard warning system, audio/hazard detection to alert citizens of imminent hazards										
Montgomery	The Woodlands Township	9		Purchase two wildfire suppression vehicles with 4 wheel drive and pump and roll capacities.								X		
Montgomery	The Woodlands Township	10		Purchase mobile power generator unit to assist senior/assisted living centers and Joint Powers Authority										
Montgomery	The Woodlands Township	11		Purchase and install 10,000 gallon diesel fuel service center for County and local, private emergency vehicles at Emergency Training Center										
Montgomery	The Woodlands Township	12		Purchase a small fire boat to be utilized on the "waterway" for rescue and structural exposure protection										
Montgomery	The Woodlands Township	13		Minor localized flood reduction projects.							X	X		X
Montgomery	The Woodlands Township	14		Raise pedestrian bridges that block drainage ways to prevent blockage and increase drainage flow							X	X		X
Montgomery	The Woodlands Township		1	Purchase Department of Energy Decontamination Module.				X		Funding not available				

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County	Jurisdiction	2011 Mitigation Action No	2006 Mitigation Action No	Project Description	2006 Mitigation Action Status						Reduce hazard impacts on new buildings and infrastructure	Reduce hazard impacts on existing buildings and infrastructure	NFIP Compliance
					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Montgomery	The Woodlands Township		2	Purchase Trident Technologies Pro Mag 6 Kit.				X		Funding not available			
Montgomery	The Woodlands Township		3	Purchase personal protective clothing (NOMEX jumpsuits).				X		Funding not available			
Montgomery	The Woodlands Township		4	Purchase four emergency signal lights for traffic control.				X		Funding not available			
Montgomery	The Woodlands Township		5	Purchase AM radio frequency/warning system.				X		Funding not available			
Montgomery	The Woodlands Township		6	Develop auto dial-up phone emergency notification system to notify citizens of imminent natural hazards.				X		Funding not available			
Montgomery	Town of Roman Forest	1		Attend CRS workshop hosted by H-GAC.									X
Montgomery	Town of Roman Forest	2		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements							X	X	
Montgomery	Town of Roman Forest	3		Conduct flood outreach and education campaign by distributing information at public meetings, townhall meetings, and other speaking engagements							X	X	X
Montgomery	Town of Roman Forest		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception county-wide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed			
Montgomery	Town of Roman Forest		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully-equipped hazmat mobile response vehicle to provide minor triage, decontamination	X					Completed			
Montgomery	Town of Roman Forest		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts and wildfire				X		Funding not available	X	X	X
Montgomery	Town of Roman Forest		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	Town of Roman Forest		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and or flooding.					X	Funding not available	X	X	X
Montgomery	Town of Roman Forest		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		Funding not available	X	X	X
Montgomery	Town of Roman Forest		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available	X	X	X
Montgomery	Town of Roman Forest		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.				X		Funding not available	X	X	
Montgomery	Town of Roman Forest		9	Implement water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District and Agri Life Extension Service to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		Funding not available	X	X	
Montgomery	Town of Woodloch	1		Attend CRS workshop hosted by H-GAC.									X
Montgomery	Town of Woodloch	2		Upgrade storm drain at east end of North Woodloch to reduce flooding.							X	X	X
Montgomery	Town of Woodloch	3		Remove hazardous fuels in drainage ditches and create fire break.							X	X	X
Montgomery	Town of Woodloch		1	Facilitate and coordinate program to improve emergency management radio, paging capabilities and reception countywide through the purchase of new equipment and necessary training of emergency personnel in the county and in member communities	X					Completed			
Montgomery	Town of Woodloch		2	Develop and coordinate a local hazmat team (consisting of personnel from county and member communities); procure fully equipped hazmat mobile response vehicle to provide minor triage, decontamination.	X					Completed			
Montgomery	Town of Woodloch		3	Implement public awareness campaign regarding HAZMAT safety, including risk communication, detection, shelter in place and evacuation procedures for HAZMAT events that occur as a result of a natural hazard such as hurricanes, floods, droughts, wildfire, tornadoes.					X	Funding not available	X	X	X
Montgomery	Town of Woodloch		4	Promote use of NOAA all-hazard radios throughout County for early warning and post-event information. Place radios in area schools, businesses, critical facilities	X					Completed			
Montgomery	Town of Woodloch		5	Implement the National Weather Service Skywarn program into local volunteer organizations to increase the number of volunteers providing the NWS with early notification of severe weather that may result in property damage and/or flooding.					X	Funding not available	X	X	X
Montgomery	Town of Woodloch		6	Enforce state regulations that prohibit dumping in streams, ditches and area waterways with concentration on those areas that have the potential to block the normal drainage of rainfall.				X		Funding not available	X	X	X

Appendix A  
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County	Jurisdiction	2011 Mitigation Action No	2006 Mitigation Action No	Project Description	2006 Mitigation Action Status						Reduce hazard impacts on new buildings and infrastructure	Reduce hazard impacts on existing buildings and infrastructure	NFIP Compliance
					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Montgomery	Town of Woodloch		7	Identify sites where stream and rain gauges are needed. Add or upgrade sites as needed and coordinate installation requests with USGS and River Authority. Additional sites will help provide early detection of potential flood areas to assist in evacuation and protection of property and inform the public of imminent hazard.				X		Funding not available			X
Montgomery	Town of Woodloch		8	Implement actions to support regulations that assist in reducing excess ozone pollution and urban heat. May include actions such as providing incentives for developers to increase tree planting and a county-wide public education and awareness program to promote smog awareness, volunteer mass transit, carpooling, and health tips for living in a high ozone smog area.					X	Funding not available			
Montgomery	Town of Woodloch		9	Coordinate water conservation education and incentives for low-flow plumbing and toilets, efficient washers and rain harvesting. Work with Lone Star Groundwater Conservation District to promote and increase awareness for residents of Montgomery County pertaining to conserving, protecting and enhancing regional groundwater resources.				X		Funding not available			
Walker	City of Huntsville	1		Complete fiber optic communications link to all critical command centers.									
Walker	City of Huntsville	2		Install permanently mounted 60 KW generator on a concrete pad at KSAM Radio Station to provide continuous broadcast services.									
Walker	City of Huntsville	3		Obtain contingency fuel source to refuel generators and equipment to maintain continuity of government, emergency response and critical services.									
Walker	City of Huntsville	4		Purchase portable message centers/signs to act as public notice related to hazards.									X
Walker	City of Huntsville	5		Install outdoor warning system to alert citizens of imminent natural hazards.									
Walker	City of Huntsville	6		Mobile hospital.									
Walker	City of Huntsville	7		Construct city operations/service center including safe room to maintain continuity of government.									
Walker	City of Huntsville	8		Install permanently mounted generators on concrete slab for remaining 5 water well sites, IT infrastructure, library, transfer station and airport.								X	
Walker	City of Huntsville	9		Complete master drainage study on all watersheds to lead to projects in Town Creek West, Tanyard Creek, McDonald Creek, McGarry Creek, Hadley Creek, Shepherd Creek, Prairie Branch.							X	X	X
Walker	City of Huntsville	10		Create defensible space per Walker County County-Wide Wildland Protection Plan around buildings in Elkins Lake, Lost Meadows, Smith Hill/Gospel Hill Community, Forgotten Forest, Sunset Lake, and Club Lake Watson Lake Subdivision.							X	X	
Walker	City of Huntsville	11		Multi-jurisdictional mobile command post (equipped).									
Walker	City of Huntsville	12		Employ full-time fuel reduction and public information specialist.									
Walker	City of Huntsville	13		Construct Phase 2 of Town Creek East Mitigation Project to implement recommendations in study: increase drainage and increase culvert size, channelize.							X	X	X
Walker	City of Huntsville	14		Continue to improve and practice large scale community immunization plan.									
Walker	City of Huntsville	15		Multi-jurisdictional boat for high water rescue, patrol, dive team and fire suppression (equipped).									
Walker	City of Huntsville	16		Harden spillways and embankments to handle extreme flood events and Dawson Dam.							X	X	
Walker	City of Huntsville	17		Security (cameras and gates) for water and wastewater plants.									
Walker	City of Huntsville	18		Acquisition of repetitive loss properties in the floodplain in Spring Lake Subdivision, Elkins Lake and Town Creek.									X
Walker	City of Huntsville		1	Obtain topographical maps and aerial photography for flood and drainage improvements and map updating and to identify wildfire hazard areas.					X	Waiting for funding			X
Walker	City of Huntsville		2	Establish fiber optic communications link to all critical command centers.				X		Waiting for funding			
Walker	City of Huntsville		3	Fortify radio station safe room and include generators to keep radio station operating to notify public during emergencies.				X		Waiting for funding	X	X	
Walker	City of Huntsville		4	Establish multi-jurisdictional Emergency Operations Center in Walker County.				X		Waiting for funding			
Walker	City of Huntsville		5	Purchase automated high water indicator beacons for Bearkat Blvd and Town Creek to notify public that flash floods are imminent.				X		Waiting for funding			X
Walker	City of Huntsville		6	Purchase bucket lift truck to be used to reduce hazardous fuels and place public notice signs related to hazards.				X		Waiting for funding			
Walker	City of Huntsville		7	Develop large-scale immunization plan in the event of a bio-terrorist attack.				X		Waiting for funding			
Walker	City of Huntsville		8	Install early warning system with voice messaging capabilities to alert citizens of imminent natural hazards.				X		Waiting for funding			
Walker	City of Huntsville		9	Conduct structural engineering study on all public buildings.				X		Waiting for funding			
Walker	City of Huntsville		10	Purchase and install additional fire hydrants to assist in protecting lives and property in Tanglewood.				X		Waiting for funding	X	X	
Walker	City of Huntsville		11	Purchase 7 emergency generators for water well sites for potable water.				X		Waiting for funding			
Walker	City of Huntsville		12	Purchase real-time weather tracking computer to identify and inform citizens of optimal days for hazardous fuels removal.				X		Waiting for funding			
Walker	City of Huntsville		13	Install communication tower and necessary hardware and software for fire stations 1 and 4 to maintain continuity of critical services.				X		Waiting for funding			
Walker	City of Huntsville		14	Enhance McDonald Creek drainage.				X		Waiting for funding	X	X	X
Walker	City of Huntsville		15	Conduct hazardous fuel reduction along Town Creek.				X		Waiting for funding	X	X	X
Walker	City of Huntsville		16	Purchase HAZMAT equipment.				X		Waiting for funding			
Walker	City of Huntsville		17	Conduct HAZMAT training.				X		Waiting for funding			
Walker	City of Huntsville		18	Create defensible space around residences located in Elkins Lake subdivision.				X		Waiting for funding	X	X	
Walker	City of New Waverly	1		Participating in CRS workshop hosted by H-GAC.									X
Walker	City of New Waverly	2		Revise and implement local floodplain regulations, to include a public information campaign on regulatory awareness.									X



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					Complete	In Progress	No Longer Pursuing	Carry On	Carry on with modification	Reason Not Complete			
Waller	City of Hempstead		3	Complete and maintain FEMA elevation certificates for all new/improved buildings in floodplain.				X		Funding	X		X
Waller	City of Hempstead		4	Complete a stormwater drainage study/plan for known problem areas.				X		Funding	X	X	X
Waller	City of Hempstead		5	Revise and update Flood Insurance Rate Maps.				X		Funding	X		X
Waller	City of Pattison	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Waller	City of Pattison	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Waller	City of Pattison		1	Prepare a local emergency evacuation plan in coordination with TxDOT.	X					Completed			
Waller	City of Pattison		2	Post signs in high profile areas when burn ban is in effect.				X		On-going			
Waller	City of Pattison		3	Complete and maintain FEMA elevation certificates for all new/improved buildings in floodplain.				X		Funding	X		X
Waller	City of Pattison		4	Complete a stormwater drainage study/plan for known problem areas.				X		Funding	X	X	X
Waller	City of Pattison		5	Revise and update Flood Insurance Rate Maps.				X		Funding			X
Waller	City of Prairie View	1		Construct shelter/safe room at emergency operations center.							X		
Waller	City of Prairie View		1	Prepare a local emergency evacuation plan in coordination with TxDOT.	X					Completed			
Waller	City of Prairie View		2	Post signs in high profile areas when burn ban is in effect. Signs will provide the public with ways to comply with the burn ban. Signs will be placed in public buildings and be made available to commercial businesses to place in storefront windows. The City will also notify local residents via its telephone message notification system. This will be a pre-recorded voice mail message notifying the public of the burn ban with ways to comply with the ban and where to obtain additional information.				X		On-going		X	
Waller	City of Prairie View		3	Complete and maintain FEMA elevation certificates for all new/improved buildings in floodplain.				X		Funding	X		X
Waller	City of Prairie View		4	Complete a stormwater drainage study/plan for known problem areas.				X		Funding	X	X	X
Waller	City of Prairie View		5	Revise and update Flood Insurance Rate Maps.				X		Funding	X		X
Waller	City of Waller	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Waller	City of Waller	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Waller	City of Waller		1	Prepare a local emergency evacuation plan in coordination with TxDOT.	X					Completed			
Waller	City of Waller		2	Post signs in high profile areas when burn ban is in effect.				X		On-going			
Waller	City of Waller		3	Complete and maintain FEMA elevation certificates for all new/improved buildings in floodplain.				X		Funding	X		X
Waller	City of Waller		4	Provide advanced training for local building inspectors.				X		Funding	X	X	X
Waller	City of Waller		5	Revise and update Flood Insurance Rate Maps.				X		Funding	X		X
Waller	Town of Pine Island	1		Conduct wildfire outreach and education campaign by distributing information at public buildings, town hall meetings, and other speaking engagements.							X	X	
Waller	Town of Pine Island	2		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Waller	Town of Pine Island		1	Prepare a local emergency evacuation plan in coordination with TxDOT.	X					Completed			
Waller	Town of Pine Island		2	Post signs in high profile areas when burn ban is in effect.				X		On-going			
Waller	Town of Pine Island		3	Complete and maintain FEMA elevation certificates for all new/improved buildings in floodplain.				X		Funding	X		X
Waller	Town of Pine Island		4	Complete a stormwater drainage study/plan for known problem areas.				X		Funding	X	X	X
Waller	Town of Pine Island		5	Revise and update Flood Insurance Rate Maps.				X		Funding	X		X
Waller	Waller County	1		Implement water smart awareness/education program.							X	X	
Waller	Waller County	2		Purchase emergency generators for groundwater wells and drainage pumps in City of Waller.							X	X	X
Waller	Waller County	3		Implement Ready, Set, Go program in wildfire urban interface areas and increase education with Emergency Service Districts to promote better public wildfire awareness.							X	X	
Waller	Waller County	4		Coordinate with local fire departments to assist in acquiring grants for specialized portable wildfire fighting equipment and portable storage tankage.							X	X	
Waller	Waller County	5		Construct safe room for EOC with emergency generator to maintain services at critical facility.							X	X	
Waller	Waller County	6		Conduct flood outreach and education campaign by distributing information at public buildings, townhall meetings, and other speaking engagements.							X	X	X
Waller	Waller County		1	Prepare a local emergency evacuation plan in coordination with TxDOT.	X					Completed			
Waller	Waller County		2	Post signs in high profile areas when burn ban is in effect.				X		On-going			
Waller	Waller County		3	Complete and maintain FEMA elevation certificates for all new/improved buildings in floodplain.				X		On-going	X		X
Waller	Waller County		4	Establish watershed-based planning initiatives to address the flood hazard with neighboring jurisdictions.				X		Funding			X
Waller	Waller County		5	Revise and update Flood Insurance Rate Maps.	X					Completed			X