

**TOWN OF WESTOVER
INDIVIDUAL MITIGATION
ACTION PLAN**



**SHELBY COUNTY,
ALABAMA
MULTI-JURISDICTIONAL,
ALL HAZARDS
MITIGATION PLAN
2009 UPDATE**

TABLE OF CONTENTS

TOWN OF WESTOVER MITIGATION ACTION PLAN 1

 Geography/History..... 1

 Special Characteristics..... 1

 Population and Demographics 1

 Economy 1

 Infrastructure..... 1

 Capabilities 2

 Mitigation Goals and Objectives 4

 Multi-Jurisdictional Mitigation Actions 6

 Mitigation Actions Prioritizing..... 6

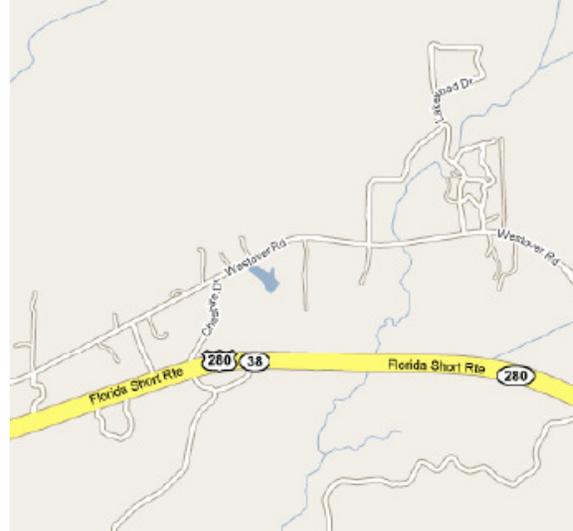
 Mitigation Actions 8

TOWN OF WESTOVER MITIGATION ACTION PLAN

Geography/History

Westover is a town in Shelby County, Alabama, United States. The Town of Westover is located along the Highway 280 corridor in the Northeast quadrant of Shelby County approximately 20 miles southeast of the city of Birmingham. It was officially incorporated on January 31, 2001.

The sawmills of the 1940's and 50's closed and brought change.



Special Characteristics

The Town has a Town Library, a Town Hall and a Town Park with Three Youth Soccer Fields, Playground, Swings, Lighted and Paved Walking Trail, Pavilions, Restrooms and Parking Lot that was dedicated recently. A Town Weather Siren is also in place to alert the citizens of severe weather conditions and others are applied for.

The first three Christmas Parades for the Town of Westover have been tremendous successes growing each and every year to the point of over forty-five entries for the last Christmas Parade.

Population and Demographics

As Westover was incorporated in 2001, the census of 2000 did not capture population and demographics information. The estimated population is 3,000 with 800 households.

Economy

21 companies are profiled in Westover, Alabama. Taken together these companies have estimated annual sales of \$6,710,000 and employ an estimated 100 people.

Infrastructure

The Shelby County Sheriff's Department is contracted to provide our local police services.

The Westover Municipal Fire Department is now in operation with 24 hour, 7 day a week response to all Fire and Medical calls for help in our Municipality. Our Fire Department accepted delivery of the new Engine Wednesday, November 14th. Twenty-four hour, seven day a week firefighter-paramedic service available to the citizens inside the city limits.

The Town of Westover utilizes The Shelby County School System schools in Chelsea Alabama.

The town of Westover has its own water system and a new sewer line is allowing new homes to be built and new businesses to develop.



Town of Westover
All Hazards Mitigation Action Plan

The Town has prepared and planned for new growth and has adopted a Comprehensive Plan, and a zoning ordinance; set up a review process with a professional staff of engineers and planners to review new growth proposals and put together a process to manage licenses, permits and applications

Capabilities

The Legal and Regulatory Capability survey documents authorities available to the jurisdiction and/or enabling legislation at the state level affecting planning and land management tools that support local hazard mitigation planning efforts. The identified planning and land management tools are typically used by states and local and tribal jurisdictions to implement hazard mitigation activities. If the jurisdiction does not have this capability or authority, does another entity/jurisdiction have this authority at a higher level of government (county, parish, or regional political entity), or does the state prohibit the local jurisdictions from having this authority?

City of Westover Legal And Regulatory Capability							
Regulatory Tools/Plans	Regulatory Type: Ordinance Resolution Codes Plans Etc.	Year Adopted or Updated	Local Authority	State Prohibited	Higher Authority	Electronic copy Available	
Building Codes	International Building Codes	2004	Y	N	Y	Y	
Capital Improvements Plan	Annual Budget	2009	Y	N	N	N	
Comprehensive Plan	Resolution	2004	Y	N	N	Y	
Continuity of Operations Plan				N	N	N	
Community Rating System				N	Y	N	
Economic Development Plan	Comprehensive Plan Resolution	2004	Y	N	N	Y	
EMAP Certified				N	Y	N	
Emergency Response Plan	County Emergency Operations Plan	2004	N	N	Y	Y	
Flood Management, Plan	Resolution	2007	Y	N	Y	Y	
Growth Control Ordinance				N	N	N	
Hazard Setback Regulations				N	N	N	
Hillside Ordinance				N	N	N	
Historic Ordinance				N	N	N	
NFIP Participant	Resolution	2007	Y	N	Y	Y	
Post-disaster Ordinance				N	N	N	
Post-disaster Recovery Plan	County Emergency Operations Plan	2004	N	N	Y	Y	
Real Estate Disclosure	AL Real Estate Commission	1960	N	N	Y	N	
Site Plan Requirements	Zoning Ordinance	2002	Y	N	N	Y	
Subdivision Regulations	Zoning Ordinance	2002	Y	N	N	Y	
Wildfire Ordinance				N	N	N	
Zoning Ordinances	Ordinance	2004	Y	N	N	N	

The Administrative and Technical Capacity survey documents personnel employed by your jurisdiction and the public and private sector resources that may be accessed to mitigate hazards in the community. For smaller jurisdictions with limited capacities, no local staff resources may



**Town of Westover
All Hazards Mitigation Action Plan**

be available for many of the categories. If so identify public resources at the next higher level of government that may be able to provide technical assistance to the community.

For some hazard mitigation actions, consider federal agencies that provide technical assistance, such as the U.S. Department of Agriculture (USDA) Cooperative Extension Service, which has offices in most counties. The planning team in rural communities must be creative in identifying outside resources to augment limited local capabilities. This information will be used when evaluating alternative mitigation actions and when preparing your mitigation.

City of Westover Administrative And Technical Capabilities					
C=County Provides, S=State Provides, F=Federal Provides					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel
Agriculture Resource	Agent	County Extension Svc.	S1	S1	S1
Building Inspector	Professional	Zoning and Inspections	C1	C1	C1
Emergency Manager	Certified Professional	Emergency Management	C1	C1	C1
Emergency Staff	Professional(s)	Emergency Management	C5	C5	C5
EMT First Responder	Professional(s)	Fire/Rescue	17	17	17
Fire Personnel	Professional(s)	Fire Dept.	40	40	40
Floodplain Manager	Engineer(s)	Engineering/Public Works	C1	C1	C1
GIS Specialist	Professional(s)	Property Assessor/IT	0	0	0
Government Elected	Elected Officials	Mayor/Commission	6	6	6
Government Administration	Employees	Jurisdiction	20	20	20
Grant writer	Professional(s)	Emergency Management	0	0	0
Hazards Analysis Mgr.	Professional(s)	Emergency Management	C1	C1	C1
Hazmat Team	Professional(s)	Fire/Sheriff Dept	C6	C6	C6
Information Systems	Certified Professional	IT department	1	1	1
Land Use/Management	Engineer(s)/Planners	State/Local Planning	C1	C1	C1
Law Enforcement	Sheriff, Police, Trooper	Sheriff/Police Department	C3	C3	C3
Medical Practioners	Professional(s)	Medical Facilities	2	2	2
Public Works	Directors/Engineers	Public Works	0	0	0
Public Communication	911 specialists	E-911	C15	C15	C15
Public Utilities	Professionals	Public Utilities	0	0	0
Surveyor	Professional	Contracted	1	1	1

The Fiscal Capability survey identifies whether the jurisdiction has access to or is eligible to use certain financial resources for hazard mitigation.

City of Westover Fiscal Capabilities					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			N
	Hazard Mitigation Planning Grants (HMPG)	X			Y



**Town of Westover
All Hazards Mitigation Action Plan**

	PDM for disaster resistant universities		X		N
	PDM Grants for communities	X			Y
	Department of Health Grants		X		N
	Department of Justice Grants		X		N
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			N
	Flood Management Grants (FMA)	X			N
	Homeland Security Grant Program (HSGP)	X			N
	Repetitive Flood Claims Grants (RFC)	X			N
	Severe Repetitive Loss Grants (SRL)	X			N
	Private foundation grants	X			N
	Private business/industry grants	X			N
Debt Procurement	Incur debt through special tax/revenue bonds		X		N
Dept Procurement	Incur debt through private activity bonds		X		N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds		X		N
Project Funding	Capital improvement	X			Y
Spending Restrictions	Withhold spending in hazard-prone areas		X		N
Special Taxes	Authority to levy taxes for specific purposes	X			Y
Utility Fees	Fees for water, sewer, gas, or electric service		X		N

Mitigation Goals and Objectives

The Mitigation Committee believes that each of the following goals, objectives, and action items is necessary to begin to address hazard issues in City of Westover. The following goal statements represent a broad target for City of Westover and its municipalities to achieve through the implementation of their own specific Mitigation Action Plans before the next Plan update.

GOALS	OBJECTIVES
All Hazards Goal: Mitigate the impact of all hazards on the City of Westover	Objective AH.1: Improve the City of Westover's information distribution and warning capabilities for all hazards to citizens Objective AH.2: Improve the City of Westover's 1 st responder capabilities to prepare for and respond to all hazards Objective AH.3: Improve the City of Westover's capability to prepare for, respond to and recover from all hazards
Flooding Hazard Goal: Mitigate the impact of flooding on the City of Westover	Objective FL.1: Improve the City of Westover's flood warning and information distribution to citizens Objective FL.2: Improve the City of Westover's 1 st responder capabilities to prepare for and respond to flood events. Objective FL.3: Improve the City of Westover's capability to prepare for, respond to and recover from flood events



Town of Westover
All Hazards Mitigation Action Plan

<p>High Wind Hazard Goal: Mitigate the impact of High Winds on the City of Westover</p>	<p>Objective HW.1: Improve the City of Westover's High Winds warning and information distribution to citizens Objective HW.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to High Winds events. Objective HW.3: Improve the City of Westover's capability to prepare for, respond to and recover from High Winds events</p>
<p>Ice/Snow Hazard Goal: Mitigate the impact of Ice/Snow on the City of Westover</p>	<p>Objective IS.1: Improve the City of Westover's Ice/Snow warning and information distribution to citizens Objective IS.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Ice/Snow events. Objective IS.3: Improve the City of Westover's capability to prepare for, respond to and recover from Ice/Snow events</p>
<p>Pandemic Hazard Goal: Mitigate the impact of a Pandemic on the City of</p>	<p>Objective PD.1: Improve the City of Westover's Pandemic/Vector warning and information distribution to citizens Objective PD.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Pandemic/Vector events. Objective PD.3: Improve the City of Westover's capability to prepare for, respond to and recover from Pandemic/Vector events</p>
<p>Wildfire Hazard Goal: Mitigate the impact of Wildfires on the City of Westover</p>	<p>Objective WF7.1: Improve the City of Westover's Wild-land Fire warning and information distribution to citizens Objective WF.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Wild-land Fire events Objective WF.3: Improve the City of Westover's capability to prepare for, respond to and recover from Wild-land Fire events</p>
<p>HAZMAT Hazard Goal: Mitigate the impact of HAZMAT events on the City of Westover</p>	<p>Objective HM.1: Improve the City of Westover's Hazardous Materials spill or release warning and information distribution to citizens Objective HM.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Hazardous Materials spill/release events Objective HM.3: Improve the City of Westover's capability to prepare for, respond to and recover from Hazardous Materials spill/release events</p>
<p>Illegal Drug Lab Hazard Goal: Mitigate the impact of Illegal Drug Laboratories the City of Westover</p>	<p>Objective ID.1: Improve the City of Westover's Illegal Drug Laboratories warning and information distribution to citizens Objective ID.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Illegal Drug Laboratories Objective ID.3: Improve the City of Westover's capability to prepare for, respond to and recover from Illegal Drug Laboratories existence</p>
<p>Terror Hazard Goal: Mitigate the impact of terrorist events on the City of Westover</p>	<p>Objective TR.1: Improve the City of Westover's Domestic/International Terrorism warning and information distribution to citizens Objective TR.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Domestic/International Terrorism events Objective TR.3: Improve the City of Westover's capability to prepare for, respond to and recover from Domestic/International Terrorism events</p>
<p>Urban Fire Hazard Goal: Mitigate the impact of Urban Fires on the City of Westover</p>	<p>Objective UF.1: Improve the City of Westover's Urban Fire warning and information distribution to citizens Objective UF.2: Improve the City of Westover's 1st responder capabilities to prepare for and respond to Urban Fire events Objective UF.3: Improve the City of Westover's capability to prepare for, respond to and recover from Urban Fire events</p>



Multi-Jurisdictional Mitigation Actions

The actions listed in each jurisdiction’s Mitigation Action Plan serve as an easily understood menu of mitigation policies and projects for local decision-makers who want to quickly review their jurisdiction’s respective element of the countywide Plan. In preparing the individual MAP’s, each jurisdiction considered their overall hazard risk and capability to mitigate identified hazards as recorded through the risk and capability assessment process and to meet the countywide mitigation goals and the unique needs of their community.

Each jurisdiction participating in this Plan is responsible for implementing specific mitigation actions as prescribed in the adopted Mitigation Actions. In each Mitigation Action Plan, every proposed action is assigned to a specific local department or agency in order to assign responsibility and accountability and increase the likelihood of subsequent implementation. This approach enables individual jurisdictions to update their unique mitigation strategy as needed without altering the broader focus of the countywide Plan. The separate adoption of locally specific actions also ensures that each jurisdiction is not held responsible for monitoring and implementing the actions of other jurisdictions involved in the planning process.

Mitigation Actions Prioritizing

Prioritizing mitigation actions for each jurisdiction was based on the “STAPLEE” process. “STAPLEE” uses multiple factors under the categories of Social, Technical, Administration, Legal, Economic and Environment. The original STAPLEE factors have been modified to enhance the prioritization process. The enhancements include adding life, property and economic items to the Social category and implementing weighting factors to Social and Economic categories. A weighting factor of 3 is used for loss of life and a weighting factor of 1 through nine is used for Economic impact of the hazard occurrence. A weighting factor of 2 is used for cost/benefit items. The table used for prioritization is at the end of this section.

Prioritizing mitigation actions for each jurisdiction was based on the “STAPLEE” process. “STAPLEE” uses multiple factors under the categories of <u>S</u>ocial, <u>T</u>echnical, <u>A</u>dministration, <u>L</u>egal, <u>E</u>conomic and <u>E</u>nvironment			
Issue	1	2	3
<u>Social</u> High Community Acceptance	Potential objection from public and/or very expensive	Unknown if objectionable, or costs may be significant	Not objectionable and low/no costs
High Effect on saving lives	Life saving impact is low	Life saving impact is moderate	Life saving impact is significant
High Effect on reducing property loss	Effect on reducing property loss is low	Effect on reducing property loss is moderate	Effect on reducing property loss is significant
Effect on reducing economic loss	Effect on reducing economic loss is low (factor 1-3)	Effect on reducing economic loss is moderate (factor 4-6)	Effect on reducing economic loss is significant (factor 7-9)
<u>Technical</u> Is Technical Feasibility	Technology not currently existing	Emerging or untested technology or unknown	Technology readily available
Is a Long-Term Solution	No, is not effective in helping reduce losses in the long term	Potentially or unknown	Yes, is effective in helping reduce losses in the long term



**Town of Westover
All Hazards Mitigation Action Plan**

No Secondary Impacts	Yes, likely to create secondary problems	Potentially or unknown	No, unlikely to create secondary problems
<u>Administrative</u> Little Staffing is required	Need to hire a permanent employee(s)	Potentially need to hire a temporary employee(s) or unknown.	Do not have to hire
Funding Potential is high	No obvious source of funding available and action has significant cost impact	Limited or unknown funding available	Little or no funding required or funding can be readily obtained
Low Maintenance and Operations	The action is likely to require high level of ongoing maintenance	Unknown or action has the potential for moderate ongoing maintenance	Action requires limited or no ongoing maintenance
<u>Political</u> High Political Support	Local Elected Official likely to be contentious	Local Elected Official may be controversial	Local Elected Official likely to be supportive
Local Champion available	Unlikely there is a Local Elected Official to support	Uncertain if there is a Local Elected Official to champion	A Local Elected Official is likely to support and champion
High Public Support	Public Political support is unlikely	Public Political support is uncertain	Public Political support is likely
<u>Legal</u> State Authority Exists	No legal state authority exists	Legal state authority is unclear, uncertain or adoption is in progress	Legal state authority exists
Local Authority Exists	No legal authority exists	Legal authority is unclear, uncertain or adoption is in progress	Legal authority exists
Potential Legal Challenge is high	High likelihood of legal challenge by stakeholders	Moderate likelihood of legal challenge by stakeholders	Low likelihood of legal challenge by stakeholders
<u>Economic</u> High Action Benefit	Low benefit to the jurisdiction from the action	Moderate benefit to the jurisdiction from the action	High benefit to the jurisdiction from the action
Low Action Cost	High cost to implement action	Moderate cost to implement action	Low cost to implement action
High Economic Contribution	Low contribution to other community economic goals	Moderate contribution to other community economic goals	High contribution to other community economic goals
Outside Funding is Required	Likely for action to be delayed pending outside sources of funding	Possible for action to be delayed pending outside sources of funding	Unlikely for action to be delayed pending outside sources of funding
<u>Environmental</u> Low Land/Water Effect	High likelihood of negative consequences to land/water	Moderate likelihood of negative consequences to land/water	Low likelihood of negative consequences to land/water
Low Endangered Species Effect	High likelihood of potential negative consequences to endangered species	Moderate likelihood of negative consequences to endangered species	Low likelihood of negative consequences to endangered species
Low Hazmat Waste Site affect	High likelihood of potential affect on hazardous materials and waste sites	Moderate likelihood of affect on hazardous materials and waste sites	Low likelihood of affect on hazardous materials and waste sites
Low Environmental Effect	No, project is not consistent with jurisdiction environmental goals	Possible, project is consistent with jurisdiction environmental goals	Yes, project is consistent with jurisdiction environmental goals
Federal Law Compliant	No	Uncertain	Yes



Mitigation Actions

Each jurisdiction participating in this Plan is responsible for implementing specific mitigation actions as prescribed in the adopted Mitigation Action Plan. In each Mitigation Action Plan, every proposed action is assigned to a specific local department or agency in order to assign responsibility and accountability and increase the likelihood of subsequent implementation. This approach enables individual jurisdictions to update their unique mitigation strategy as needed without altering the broader focus of the countywide Plan. The separate adoption of locally specific actions also ensures that each jurisdiction is not held responsible for monitoring and implementing the actions of other jurisdictions involved in the planning process.

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH1f	Assist schools/special needs/local populations in developing disaster preparedness/response plans.	FD, City Govt	Local Funds	1,000 75,000	On Going	88
HW1c	Educate special needs/school/local populations on High Wind preparedness and response	FD, NWS, EMA	Local Funds	1,000 75,000	On Going	87
HW1c	Educate and distribute High Wind preparedness information	NWS, FD, EMA	Local Funds	1,000 75,000	On Going	87
AH1e	Distribute safe room and Shelter in place information to schools, special needs and the public	FD, SCSO, BOE	Local Funds	1,000 75,000	On Going	84
UF1a	Educate school, special needs and the community populations on fire safety and response	FD, BOE	Grant, Local Funds	5,000 100,000	On Going	84
UF1b	Educate school, special needs and the community population on fire extinguisher use	FD	Local Funds	1,000 75,000	On Going	84
UF1c	Assist fire departments in obtaining fire prevention program materials	EMA, FD	Local Funds	1,000 75,000	On Going	84
AH3x	Develop a community shelter program for mobile home parks	City Govt	Grant, Local Funds	150,000 500,000	2011 2012	83
UF3d	Develop fire plans for all major businesses and critical facilities	FD	Local Funds	1,000 75,000	On Going	83
HM1b	Educate the public on common hazardous materials in home	FD,	Local Funds	1,000 75,000	On Going	82
HM1d	Educate schools, special needs and local population on hazmat evacuation	FD, BOE	Local Funds	1,000 75,000	On Going	82
AH3r	Participate in NFIP's Cooperating Technical Partners Program (CTP)	City Govt	Local Funds	1,000 75,000	On Going	81
FL3e	Inspect and maintain natural drainage channels to clear beaver dams and debris	City Govt, FD	Grant, Local Funds	25,000 100,000	2010 2011	81
HM1c	Educate school/special needs/local populations on chemical hazards in the area.	FD, BOE	Local Funds	1,000 75,000	On Going	81
HW3a	Adopt/enforce comprehensive Building Code legislation	City Govt	Local Funds	1,000 75,000	On Going	81
TR1b	Educate schools, special needs and government officials on procedures for handling suspicious mail	BOE, SCSO,	Local Funds	1,000 75,000	On Going	81
UF3g	Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	City Govt, FD	Local Funds	1,000 75,000	On Going	81

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3i	Assist schools in implementing an emergency phone line	City Govt, BOE	Local Funds	1,000 75,000	On Going	80
FL1a	Distribute flood awareness and preparedness literature at events	FD	Local Funds	1,000 75,000	On Going	80
FL2a	Obtain PPE for all personnel responding to flood events	FD	Grant, Local Funds	25,000 100,000	2010 2012	80
FL3k	Obtain/install/maintain/monitor rainfall and stream gauges to predict local flooding	City Govt	Grant, Local Funds	10,000 100,000	2010	80
PD2e	Exercise response to a pandemic event in conjunction with the medical community	EMA, FD, City Govt SCSO	HLS Grant, Local Funds	25,000 100,000	2010 2014	80
PD3a	Participate in the national Pandemic surveillance program	City Govt	Local Funds	1,000 75,000	On Going	80
PD3i	Maintain contact with state and federal agencies regarding biological and disease threats.	FD, SCSO	Local Funds	1,000 75,000	On Going	80
UF2c	Obtain/maintain fire fighting supplies at all fire departments	FD	Grant, Local Funds	50,000 100,000	2009 2014	80
AH3a	Adopt the National Incident Management System (NIMS)	City Govt	Local Funds	1,000 75,000	2009 2010	79
AH3j	Maintain a supplier list of food, medicines, water and fuel vendors	City Govt	Local Funds	1,000 7,000	On Going	79
AH3u	Ensure that all mutual aid shelter, response, mass casualty and recovery agreements are current	City Govt, ADPH, EMA	Local Funds	1,000 75,000	On Going	79
AH3y	Insure building code compliance Inspections are conducted on construction projects	City Govt	Local Funds	1,000 75,000	On Going	79
HM1g	Establish school hazard materials environmental impact programs	FD, BOE	Local Funds	1,000 75,000	On Going	79
HM2c	Develop/maintain hazmat SOG's/FOG's for 1 st responders	FD, EMA, LEPC	Local Funds	1,000 75,000	2009 2014	79
WF1b	Educate business, schools and the public on the causes of wild land fires	AFC, FD	Local Funds	1,000 75,000	On Going	79
WF1c	Educate school/special needs/local populations on wild land fire preparedness and response	AFC, FD, BOE	Local Funds	1,000 75,000	On Going	79
WF1f	Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	City Govt	Local Funds	1,000 75,000	On Going	79
AH1b	Schedule regular maintenance and testing of hazard warning units (Monthly Testing)	Fire Dept, City Govt	Local Funds	1,000 75,000	On Going	78
AH3t	Annually review and update hazard related legislation	City Govt	Local Funds	1,000 75,000	On Going	78
HM3b	Maintain and annually update an inventory of hazmat sites.	FD, EMA, LEPC	Local Funds	1,000 75,000	On Going	78
HM3i	Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	FD, EMA, LEPC	Local Funds	1,000 75,000	On Going	78
IL1a	Educate school and local populations on Meth Lab awareness	BOE, SCSO	Local Funds	1,000 75,000	On Going	78
PD1c	Develop/distribute Pandemic preparedness information to limited English speaking residents	ADPH, City Govt	Local Funds	5,000 100,000	On Going	78



**Town of Westover
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
TR1a	Educate schools, special needs and the community population on recognizing potential terrorist events	BOE, SCSO	Local Funds	1,000 75,000	On Going	78
TR1c	Distribute terrorism awareness information to all populations	SCSO	Local Funds	1,000 75,000	On Going	78
TR1d	Educate school, special needs, officials and the local population on terrorism preparedness info.	BOE, SCSO	Local Funds	1,000 75,000	On Going	78
TR1e	Post terrorism and bomb identification information in buildings and schools	BOE, SCSO	Local Funds	1,000 75,000	On Going	78
TR1f	Identify/distribute to appropriate officials potential terrorism targets information	SCSO	Local Funds	1,000 75,000	On Going	78
TR2a	Train terror response agencies on terrorist potential and county potential terrorism targets.	, SCSO	HLS Grant, Local Funds	25,000 100,000	2011 2012	78
UF3c	Ensure fire inspections are regularly conducted at businesses and industry	FD	Local Funds	1,000 75,000	On Going	78
FL3a	Participate in the National Flood Insurance Program (NFIP)	City Govt	Local Funds	1,000 75,000	On Going	77
HM3h	Maintain a current list of Hazardous Materials spill clean up companies available to the county	FD, LEPC, EMA	Local Funds	1,000 75,000	On Going	77
HW3g	Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	City Govt	Local Funds	1,000 75,000	On Going	77
IL3a	Join/participate in local state and federal drug task forces	SCSO,	HLS Grant, Local Funds	100,000 500,000	2009 2014	77
IL3c	Require businesses to refuse large quantity sales of precursors	City Govt,	Local Funds	1,000 75,000	On Going	77
PD2a	Obtain infectious disease PPE for all personnel responding to a pandemic	ADPH, City Govt	Grant, Local Funds	25,000 100,000	2010 2011	77
TR3e	Support State Homeland Security strategies to counter terrorism	City Govt	Local Funds	1,000 75,000	On Going	77
TR3e1	Join and/or continue to participate in the Joint Terrorism Task Force.	City Govt. SCSO	Local Funds	1,000 75,000	On Going	77
TR3k	Work with schools to develop terrorism preparedness and response plans	SCSO, BOE	Local Funds	1,000 75,000	On Going	77
TR3m	Assist special needs facilities in implementing a security system	SCSO	Local Funds	1,000 75,000	On Going	77
TR3o	Develop evacuation plans for identified terrorism targets	SCSO, FD	Local Funds	1,000 75,000	On Going	77
UF3b	Ensure that fire codes are rigidly enforced with citations issued for violations.	FD, SCSO,	Local Funds	1,000 75,000	On Going	77
AH2c	Train 1 st responders in search and rescue techniques	SCSO, FD	Grant, Local Funds	25,000 100,000	2009 2010	76
AH3o	Assist businesses, schools, special needs and government facilities to post evacuation routes	City Govt, SCSO	Local Funds	1,000 75,000	On Going	76
AH3p	Develop/implement/maintain the jurisdictions Mitigation Action Plan	City Govt, FD, SCSO, EMA	Grant, Local Funds	5,000 100,000	On Going	76
AH3s2	Develop strategies to prevent loss of public records	City Govt	Local Funds	1,000 75,000	On Going	76



**Town of Westover
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
FL3h	Educate developers on Watershed, Floodplain and wetland development restrictions	City Govt	Local Funds	1,000 75,000	On Going	76
HM3h	Enforce pre-planning requirements for Extremely Hazardous Substances (EHS)	City Govt, FD, LEPC	Local Funds	1,000 75,000	On Going	76
HW2c	Train 1 st responders to respond to High Wind events	FD, SCSO	Grant, Local Funds	25,000 100,000	2009 2010	76
HW3d	Insure county EMA participates in High Wind planning as a potential reception area for evacuees.	EMA, ARC, ADPH	Local Funds	1,000 75,000	On Going	76
PD1b	Educate schools/special needs/local populations on preparing for and self care during pandemic	BOE, ADPH, City Govt	Local Funds	1,000 75,000	On Going	76
WF1d	Develop a plan to distribute wildfire awareness and prevention information	AFC, FD	Local Funds	1,000 75,000	On Going	76
WF1e	Work with the DNR to distribute USFS fuels reduction information (Firewise.)	AFC, FD	Local Funds	1,000 75,000	On Going	76
WF3g	Maintain contact with the Forestry office that issues daily "fire potential" reports	AFC, FD	Local Funds	1,000 7,000	On Going	76
IL3b	Maintain/publicize a hotline to report suspected meth labs	SCSO,	Local Funds	5,000 100,000	2010 2014	75
PD2c	Develop a list of 1 st responders for early infectious disease vaccination	City Govt	Local Funds	1,000 75,000	2009 2010	75
UF2a	Obtain fire PPE for all personnel responding to fire incidents	FD	Grant, Local Funds	85,000 300,000	2009 2014	75
UF2d	Train all fire responders in fire combat techniques annually	FD	Grant Local Funds	5,000 100,000	2009 2012	75
UF3a	Ensure that NFPA standards and codes are followed.	City Govt, FD	Local Funds	1,000 75,000	On Going	75
UF3j	Adopt/enforce legislation to restrict the disposal of flammable liquids and other hazardous materials	City Govt	Local Funds	1,000 75,000	On Going	75
WF2g	Identify Private 1 st responders and contractors to assist in wild-land fire response	FD	Local Funds	1,000 7,000	On Going	75
AH2b	Evaluate/maintain 1st responders emergency kits annually	FD,	Local Funds	5,000 100,000	On Going	74
AH2g	Train 1 st responders and officials on the National Incident Management System (NIMS)	City Govt, SCSO, FD	DHL Grant, Local Funds	10,000 100,000	2009 2010	74
AH2h	Train 1 st responders and officials in Emergency Operations Center Ops and the EOP	City Govt, SCSO, FD	Local Funds	5,000 100,000	2009 2010	74
AH2i	Train 1 st responders/officials in performing damage assessments.	City Govt, FD, EMA	Local Funds	11,000 75,000	On Going	74
AH3d	Obtain additional Emergency Operations Center equipment	EMA, City Govt	Grant, Local Funds	5,000 100,000	2010 2012	74
AH3k	Obtain disaster supply kits for schools/special needs facilities	City Govt, FD, BOE,	Grant, Local Funds	5,000 100,000	2010 2012	74
HM2d	Fund hazmat response training for all 1 st responders	FD, EMA	HLS Grant	25,000 100,000	2010 2011	74
HW2b	Obtain 1 st responder PPE and supplies for High Wind response	FD, City Govt	Grant	50,000 100,000	2010 2011	74



**Town of Westover
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW3d	Develop a debris clearance program that can be utilized citywide	City Govt, EMA, Co Engr	Grant, Local Funds	20,000 100,000	2009 2010	74
HW3h	Adopt/enforce legislation to control construction standards of mobile homes moved into the county.	City Govt	Local Funds	1,000 75,000	On Going	74
WF1a	Educate homeowners and businesses on wildfire fuels reduction	AFC, FD	Local Funds	1,000 75,000	On Going	74
AH1d	Obtain backup power systems for audible warning devices	City Govt	Grant	20,000 100,000	2010 2012	73
AH2a	Obtain/distribute interoperable radios for all 1 st responders	FD,	Grant, Local Funds	30,000 100,000	2011 2012	73
AH2e	Train 1 st responders on responding to mass casualty events	FD, SCSO	Grants, DHL Grants	5,000 100,000	2009 2014	73
FL3d	Participate in the NFIP Community Rating System	City Govt	Local Funds	1,000 75,000	2010 2014	73
HM2a	Obtain PPE for all personnel responding to hazmat incidents	FD, EMA	Flagrant, Local Funds	100,000 100,000	2011 2012	73
HW1a	Obtain NOAA weather radios for schools, government and special needs facilities	FD, BOE	Grant, Local Funds	30,000 100,000	2010 2014	73
HW2d	Exercise a High Wind event with 1 st responders at least annually	City Govt, FD, SCSO	Local Funds	1,000 75,000	2010 2014	73
IS3d	Establish snow and ice removal methods	FD, City Govt	Local Funds	1,000 75,000	On Going	73
PD3h	Adopt/enforce Pandemic Flu legislation to cancel large public and private events	City Govt	Local Funds	1,000 75,000	On Going	73
UF2h	Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	FD	Grant, Local Funds	15,000 100,000	On Going	73
AH1c	Obtain and/or expand warning sirens to for all uncovered areas (2 locations)	City Govt	Grant, Local Funds	40,000 100,000	2010 2011	72
AH3e1	Assist non-governmental critical facilities to obtain emergency generators/pigtails	City Govt,	Grant, Local Funds	100,000 300,000	2010 2012	72
AH3o1	Obtain signage to direct the public evacuation during hazard events	City Govt, FD, SCSO	Grant, Local Funds	10,000 100,000	2010 2011	72
FL3l	Identify alternative access points for single access neighborhoods	City Govt	Local Funds	1,000 75,000	On Going	72
FL3m	Acquire signage to indicate water depth at flooding points	City Govt, FD	Grant, Local Funds	10,000 100,000	2010 20011	72
HM1a	Educate school populations on hazardous materials preparedness and response	FD, BOE	Local Funds	1,000 75,000	On Going	72
HW1g	Train citizens in weather observation in conjunction with the National Weather Service (NWS)	NWS, FD, EMA	Local Funds	1,000 75,000	On Going	72
UF2b	Train firefighters to obtain for state and national certifications	FD	Grant, Local Funds	30,000 100,000	2009 2014	72
UF3e	Adopt/enforce sprinkler and smoke alarm legislation	City Govt, FD	Local Funds	1,000 75,000	On Going	72
WF3h	Adopt/enforce wildfire and burning restriction legislation	City Govt	Local Funds	1,000 75,000	On Going	72

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3a1	Develop/maintain a citywide NIMS resource inventory software	City Govt, FD, SCSO	Grant, Local Funds	1,000 75,000	On Going	71
FL3a5	Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	City Govt	Local Funds	1,000 75,000	On Going	71
HM3b	Develop evacuation perimeters and routes for high risk hazmat sites	FD, SCSO, LEPC	Local Funds	1,000 75,000	On Going	71
HM3j	Adopt/enforce hazardous materials site building setback legislation	City Govt	Local Funds	1,000 75,000	On Going	71
HW1g	Develop a plan to provide weather radios to low income residents	City Govt, FD	Grant, Local Funds	10,000 100,000	2009 2012	71
UF3i	Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	City Govt	Local Funds	1,000 75,000	On Going	71
UF3k	Obtain smoke detectors and provide free to residents in need.	City Govt, FD	Grant, Local Funds	10,000 100,000	2010 2014	71
AH2d	Exercise 1 st responder and hospital Mass Casualty plans regularly.	FD, SCSO	Local Funds	1,000 100,000	2009 2014	70
AH3i1	Evaluate shelter requirements annually & develop a plan to add necessary shelters	ARC, City Govt, EMA, ADHR	Local Funds	71,000 275,000	On Going	70
AH3s1	Assist businesses in developing Business Continuity Plans	City Govt	Local Funds	1,000 75,000	On Going	70
FL3c3	Adopt/enforce mobile home legislation to restrict development of lots within flood plains.	City Govt	Local Funds	1,000 75,000	On Going	70
FL3f	Identify roadways, culverts and bridges damaged by flooding	City Govt	Local Funds	1,000 75,000	On Going	70
FL3g	Update County Land Use Plan to identify areas where development should be restrictive	City Govt	Local Funds	10,000 75,000	On Going	70
IL2b	Train 1 st responders in Methamphetamine Lab chemicals	SCSO,	HLS Grant, Local Funds	25,000 100,000	2009 2010	70
IL2c	Provide Meth Lab training to all personnel responding to Meth Labs	SCSO,	HLS Grant,	10,000 100,000	2009 2010	70
FL2b	Train all 1 st responders on repetitive flooding areas and structures	FD	Grant, Local Funds	10,000 100,000	2010 2011	69
FL3a4	Educate developers, builders and the public on the location of NFIP designated flood prone areas	City Govt	Local Funds	1,000 75,000	On Going	69
FL3f3	Obtain/Install barriers to block flooding roadways and bridges	FD, SCSO, City Govt	HLS Grant, Local Funds	25,000 100,000	2010 2012	69
Hm3e	Obtain hazmat containment equipment for water, roads/railroads	FD, EMA	Grant, Local Funds	75,000 100,000	2010 2011	69
WF2c	Train fire 1 st responders in wild-land fire response techniques	FD, AFC	Local Funds	10,000 75,000	2009 2011	69
AH3s	Obtain funds for critical government departments to develop Continuity of Operations Plans	City Govt	Grant, Local Funds	25,000 200,000	On Going	68
HM2e	Maintain an inventory of Mark I packs to respond to chemical agents	FD	Grant, Local Funds	30,000 100,000	On Going	68
HM2f	Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	FD, SCSO, EMA	Grant, HLS Grant	10,000 100,000	2009 2014	68



**Town of Westover
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HM3d	Obtain monitoring equipment for high risk hazmat sites	FD, EMA	HLS Grant, Local Funds	50,000 100,000	2012 2013	68
IL2a	Obtain PPE for all personnel that respond to Meth Labs	SCSO, EMA,	HLS Grant, Local Funds	75,000 100,000	2009 2010	68
WF2e	Obtain DNR compatible radios for interoperable communications.	City Govt, FD,	HLS Grant	30,000 100,000	2009 2010	68
FL3a1	Adopt/enforce an NFIP flood plain management plan	City Govt	Local Funds	1,000 75,000	On Going	67
FL3a2	Adopt/enforce floodplain legislation to require structures be built above the NFIP BSE	City Govt	Local Funds	1,000 75,000	On Going	67
HW3e	Obtain funding to build mobile home community storm shelters	City Govt, EMA	Grant Local Funds	250,000 100,000	2010 2012	67
PD2a	Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	ADPH, City Govt	Grant, Local Funds	25,000 100,000	2010 2011	67
PD3c	Develop a traffic flow and security plan for medical dispensing sites	SCSO, ADPH	Local Funds	1,000 75,000	2009 2010	67
TR2e	Obtain terrorism PPE for personnel responding to terrorism incidents	EMA, SCSO, FD	HLS Grant, Local Funds	50,000 100,000	2011 2012	67
TR2f	Obtain terrorism response and control equipment and supplies	EMA, SCSO, FD	HLS Grant, Local Funds	25,000 100,000	2011 2012	67
TR2i	Obtain CBRNE detection devices and train 1 st responders on use	FD, EMA	HLS Grant, Local Funds	50,000 100,000	2011 2012	67
UF1d	Obtain a fire education-training trailer for the jurisdiction.	FD	Grant, Local Funds	100,000 300,000	2012 2013	67
UF3f	Obtain fire equipment to combat fires where water hydrants are non-existent	FD	Grant, Local Funds	200,000 100,000	2011 2014	67
AH3e	Obtain/install emergency generators or "pigtailed" for critical government facilities and fuel depots. (City Hall, Water System	City Govt,	Grant, Local Funds	100,000 300,000	2010 2012	66
TR2b	Train all terrorism 1 st responders in terrorism attack techniques	FD, SCSO	HLS Grant, Local Funds	25,000 100,000	2011 2012	66
TR2c	Train 1st responders and agencies on CBRNE response	FD, SCSO	Local Funds	5,000 100,000	2011 2012	66
TR2g	Train all appropriate 1 st responders in CBRNE agents	SCSO, FD	HLS Funds, Local Funds	10,000 100,000	2011 2012	66
PD2b	Train Pandemic event 1 st responders on preparedness and response actions	ADPH, FD,	Local Funds	13,000 75,000	On Going	65
UF3h	Acquire and install six inch water mains/hydrants city wide	City Govt	Grant, Local Funds	500,000 1,000,000	2011 2014	65
WF2f	Exercise fire response regularly for residences, businesses and industry	FD	Local Funds	10,000 75,000	On Going	65
FL3a3	Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	City Govt	Local Funds	1,000 75,000	On Going	64
FL3f	Develop a storm water management plan for the jurisdiction	City Govt	Grant Local Funds	100,000 100,000	2010 2011	64



**Town of Westover
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
Hm2b	Obtain hazmat detecting equipment for 1 st responders	FD, EMA	HLS Grant	50,000 100,000	2011 2012	64
HM3c	Develop/maintain a countywide hazard materials response plan	FD, EMA, LEPC	Grant, Local Funds	5,000 100,000	2009 2014	64
TR2j	Exercise a potential terrorism event with 1 st responders at least annually	SCSO, FD, EMA	Local Funds	1,000 75,000	2009 2014	64
WF2b	Obtain specialized equipment to combat wild-land fires.	FD	Grant, State Grant	10,000 100,000	2009 2011	64
FL3e	Adopt/enforce land use flood plain wetlands and watershed zoning	City Govt	Local Funds	1,000 75,000	On Going	63
FL3g	Adopt/enforce storm water legislation to reduce runoff from developments.	City Govt	Local Funds	1,000 75,000	On Going	63
FL3i	Obtain equipment to build water flow and water retention areas to mitigate flooding	City Govt	Grant, Local Funds	100,000 100,000	2010 2012	61
HM3a	Create a GIS Maps of hazmat sites to display ERG established zones	FD, SCSO	Grant, Local Funds	10,000 100,000	2010 2012	61
TR2d	Establish and equip a CBRNE team to respond to incidents in the city	FD, SCSO	HLS Grant, Local Funds	20,000 100,000	2010 2012	61
PD2d	Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	City Govt, ADPH, EMA	Grant, Local Funds	30,000 100,000	2009 2010	60
PD3d	Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	ADPH, EMA, City Govt	Local Funds	10,000 75,000	2009 2014	60
FL3f1	Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	City Govt	Grant, Local Funds	100,000 100,000	2010 2014	59
FL3f2	Obtain equipment to mitigate bridge, culverts, and roadway flooding	City Govt	Grant, Local Funds	50,000 100,000	2010 2014	59
HM2g	Acquire and equip a hazardous materials response vehicle	FD, EMA	HLS Grant	100,000 100,000	2011 2012	59

"STAPLEE" Mitigation Actions Prioritization Table								
	Social	Technical	Administrative	Political	Legal	Economic	Environmental	Prioritization

Action/Project Description	High Community Acceptance	High effect on Loss of Life-WF=3	High Effect on Property Loss WF=2	High Effect on Economic Loss WF=1-9	is Technical Feasibility	is a Long-Term Solution	No Secondary Impacts	Little Staffing required	Funding Potential is High	Low Maintenance/Operations	High Political Support	Has a Local Champion	Has Public Support	State Authorized	Local Authority Exists	Potential Legal Challenge is High	Action Benefit is High WF=2	Action Cost is Low WF=2	High Economic Goal Contribution	Outside Funding Not Required	Land/Water Effect is Low	Low Endangered Species Effect	HAZMAT Waste Site Effect is Low	Environmental Effect is low	Federal law Compliant is High	Total Priority Score
Schedule regular maintenance and testing of hazard warning units (Monthly Testing)	3	9	0	9	3	3	2	1	3	1	3	3	3	3	3	3	6	4	2	2	2	2	3	2	3	78
Obtain and/or expand warning sirens to for all uncovered areas (2 locations)	3	9	0	9	3	3	2	2	3	1	3	3	3	3	3	2	4	2	2	1	2	2	2	2	3	72
Obtain backup power systems for audible warning devices	3	9	0	9	3	3	2	1	2	1	3	3	3	3	3	3	4	2	2	1	2	2	3	3	3	73
Distribute safe room and Shelter in place information to schools, special needs and the public	3	9	0	9	3	3	3	2	3	2	3	2	2	3	3	3	6	6	2	2	3	3	3	3	3	84
Assist schools/special needs/local populations in developing disaster preparedness/response plans.	3	6	6	9	3	2	3	2	3	2	3	3	2	3	3	3	6	6	3	2	3	3	3	3	3	88
Obtain/distribute interoperable radios for all 1 st responders	2	6	2	9	3	3	3	2	2	1	2	2	2	3	3	3	4	2	2	2	3	3	3	3	3	73
Evaluate/maintain 1st responders emergency kits annually	2	3	0	9	3	1	3	3	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	74
Train 1 st responders in search and rescue techniques	2	9	0	9	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	76
Exercise 1 st responder and hospital Mass Casualty plans regularly.	2	6	0	9	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	2	2	3	3	3	70
Train 1 st responders on responding to mass casualty events	2	6	0	9	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	73
Train 1 st responders and officials on the National Incident Management System (NIMS)	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Train 1 st responders and officials in Emergency Operations Center Ops and the EOP	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Train 1 st responders/officials in performing damage assessments.	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Adopt the National Incident Management System (NIMS)	2	3	0	9	3	3	3	2	3	3	2	2	2	3	3	3	6	6	3	3	3	3	3	3	3	79
Develop/maintain a citywide NIMS resource inventory software	2	3	4	9	3	2	3	1	2	1	1	2	2	3	3	3	4	2	4	2	3	3	3	3	3	71
Obtain additional Emergency Operations Center equipment	2	6	4	9	3	2	3	2	1	1	2	2	2	3	3	3	4	2	4	1	3	3	3	3	3	74



**Town of Westover
All Hazards Mitigation Action Plan**

Obtain/install emergency generators or “pigtailed” for critical government facilities and fuel depots. (City Hall, Water System)	3	3	4	9	3	3	2	2	2	1	2	2	3	3	3	2	2	2	1	2	2	2	3	3	66
Assist non-governmental critical facilities to obtain emergency generators/pigtailed	2	3	4	9	3	2	3	2	2	2	3	2	2	3	3	2	4	2	4	1	2	3	3	3	72
Evaluate shelter requirements annually & develop a plan to add necessary shelters	3	9	0	9	3	3	2	2	1	2	3	2	3	3	3	2	4	2	2	1	2	2	2	3	70
Maintain a supplier list of food, medicines, water and fuel vendors	2	6	0	9	2	2	3	2	2	2	3	2	3	3	3	3	6	6	2	3	3	3	3	3	79
Obtain disaster supply kits for schools/special needs facilities	3	3	0	9	2	2	3	2	2	2	3	2	3	3	3	3	6	4	2	2	3	3	3	3	74
Assist schools in implementing an emergency phone line	3	3	2	9	2	2	3	3	3	3	3	2	3	3	3	3	6	4	2	3	3	3	3	3	80
Assist businesses, schools, special needs and government facilities to post evacuation routes	2	3	2	9	2	2	3	2	3	3	2	1	2	3	3	2	6	6	2	3	3	3	3	3	76
Obtain signage to direct the public evacuation during hazard events	2	3	0	9	2	2	3	2	2	2	2	2	3	3	3	3	4	4	4	2	3	3	3	3	72
Develop/implement/maintain the jurisdictions Mitigation Action Plan	2	3	4	9	2	3	3	2	3	2	2	2	2	3	3	3	4	4	4	2	2	3	3	3	76
Participate in NFIP’s Cooperating Technical Partners Program (CTP)	2	3	4	9	3	3	3	2	3	2	2	2	2	3	3	2	6	6	4	3	3	2	3	3	81
Obtain funds for critical government departments to develop Continuity of Operations Plans	2	0	2	9	3	3	3	2	1	2	1	1	1	2	3	3	3	4	4	4	1	3	3	3	68
Assist businesses in developing Business Continuity Plans	2	0	2	9	3	3	3	2	1	3	1	1	1	3	3	3	6	6	2	1	3	3	3	3	70
Develop strategies to prevent loss of public records	2	0	4	9	3	3	3	2	3	2	2	2	2	3	3	3	4	4	4	3	3	3	3	3	76
Annually review and update hazard related legislation	2	3	2	9	2	2	3	3	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	78
Ensure that all mutual aid shelter, response, mass casualty and recovery agreements are current	2	3	2	9	3	2	3	3	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	79
Develop a community shelter program for mobile home parks	2	9	0	9	3	3	2	2	3	2	2	2	2	3	3	3	6	6	6	2	2	3	3	2	83
Insure building code compliance Inspections are conducted on construction projects	2	6	6	9	3	3	3	1	2	1	2	2	2	3	3	3	4	4	3	3	2	3	3	3	79
Distribute flood awareness and preparedness literature at events	2	6	2	5	3	2	3	2	3	2	3	3	2	3	3	3	6	6	3	3	3	3	3	3	80
Obtain PPE for all personnel responding to flood events	2	6	4	5	3	3	3	2	3	2	3	3	3	3	3	3	4	4	4	2	3	3	3	3	80
Train all 1 st responders on repetitive flooding areas and structures	2	3	2	5	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	69
Participate in the National Flood Insurance Program (NFIP)	3	0	4	5	3	3	3	3	2	3	2	2	2	3	3	3	6	6	3	3	3	3	3	3	77
Adopt/enforce an NFIP flood plain management plan	2	0	4	5	3	3	2	1	2	1	2	2	1	3	3	2	4	6	3	3	3	3	3	3	67



**Town of Westover
All Hazards Mitigation Action Plan**

Adopt/enforce floodplain legislation to require structures be built above the NFIP BSE	2	3	6	5	3	3	2	1	2	1	1	1	2	3	3	2	4	6	3	3	2	2	2	2	3	67
Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	2	0	2	5	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	2	2	2	3	64
Educate developers, builders and the public on the location of NFIP designated flood prone areas	2	3	4	5	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	2	2	2	3	69
Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	2	3	4	5	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	3	3	3	3	3	3	71
Adopt/enforce mobile home legislation to restrict development of lots within flood plains.	2	6	4	5	3	3	3	1	3	1	2	2	2	3	3	2	4	4	3	3	2	2	2	2	3	70
Participate in the NFIP Community Rating System	3	0	0	5	3	2	3	3	3	2	2	2	3	3	3	3	6	6	3	3	3	3	3	3	3	73
Adopt/enforce land use flood plain wetlands and watershed zoning	2	3	4	5	3	3	2	1	2	1	2	1	1	3	3	2	4	4	3	3	2	2	2	2	3	63
Inspect and maintain natural drainage channels to clear beaver dams and debris	2	6	6	5	2	2	2	3	2	2	2	2	2	3	3	2	6	6	6	2	3	3	3	3	3	81
Develop a storm water management plan for the jurisdiction	2	3	2	5	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	3	2	2	2	2	3	64
Identify roadways, culverts and bridges damaged by flooding	3	0	2	5	3	2	3	2	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	70
Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	2	6	4	5	3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	59
Obtain equipment to mitigate bridge, culverts, and roadway flooding	2	6	4	5	3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	59
Obtain/Install barriers to block flooding roadways and bridges	2	6	2	5	3	2	2	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	69
Update County Land Use Plan to identify areas where development should be restrictive	2	3	6	5	3	2	2	3	2	2	2	2	1	3	3	1	4	4	2	3	3	3	3	3	3	70
Adopt/enforce storm water legislation to reduce runoff from developments.	2	0	2	5	3	3	2	1	2	1	2	2	2	3	3	2	4	6	3	3	2	2	2	2	3	63
Educate developers on Watershed, Floodplain and wetland development restrictions	2	3	4	5	3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	76
Obtain equipment to build water flow and water retention areas to mitigate flooding	2	6	6	5	3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	61
Obtain/install/maintain/monitor rainfall and stream gauges to predict local flooding	2	6	6	5	3	3	2	2	2	2	2	2	3	3	3	6	4	6	1	2	3	3	3	3	3	80
Identify alternative access points for single access neighborhoods	2	3	0	5	3	2	3	3	3	3	2	2	3	3	3	3	4	6	1	3	3	3	3	3	3	72
Acquire signage to indicate water depth at flooding points	2	3	0	5	3	2	3	3	3	3	2	2	3	3	3	3	4	6	1	3	3	3	3	3	3	72
Educate school populations on hazardous materials preparedness and response	2	6	2	7	3	2	3	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	72
Educate the public on common hazardous materials in home	3	6	2	7	3	2	3	2	3	2	2	2	3	3	3	3	6	6	2	3	3	3	3	3	3	82
Educate school/special needs/local populations on chemical hazards in the area.	2	6	2	7	3	2	3	2	3	2	2	2	3	3	3	3	6	6	2	3	3	3	3	3	3	81



**Town of Westover
All Hazards Mitigation Action Plan**

Train citizens in weather observation in conjunction with the National Weather Service (NWS)	2	6	0	8	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	72
Obtain 1 st responder PPE and supplies for High Wind response	2	6	0	8	3	2	3	1	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	74
Train 1 st responders to respond to High Wind events	3	6	0	8	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	76
Exercise a High Wind event with 1 st responders at least annually	3	6	0	8	3	2	2	2	3	2	3	2	2	3	3	2	4	4	2	2	3	3	3	3	3	73
Adopt/enforce comprehensive Building Code legislation	2	6	6	8	3	3	2	1	3	1	2	3	2	3	3	2	4	6	3	3	3	3	3	3	3	81
Insure county EMA participates in High Wind planning as a potential reception area for evacuees.	3	3	0	8	3	3	3	2	2	2	2	2	3	3	3	3	6	6	2	2	3	3	3	3	3	76
Develop a debris clearance program that can be utilized citywide	3	0	2	8	3	3	1	1	3	2	3	3	3	3	3	3	6	6	6	3	2	2	1	2	2	74
Obtain funding to build mobile home community storm shelters	2	6	0	8	3	3	2	2	1	2	2	2	2	3	3	2	4	2	2	1	3	3	3	3	3	67
Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	2	6	4	8	3	3	3	1	3	1	2	3	2	3	3	2	4	4	2	3	3	3	3	3	3	77
Adopt/enforce legislation to control construction standards of mobile homes moved into the city.	2	6	2	8	3	3	3	1	3	1	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	74
Educate school and local populations on Meth Lab awareness	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	78
Obtain PPE for all personnel that respond to Meth Labs	2	6	0	2	3	2	3	1	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	68
Train 1 st responders in Methamphetamine Lab chemicals	3	6	0	2	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	70
Provide Meth Lab training to all personnel responding to Meth Labs	3	6	0	2	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	70
Join/participate in local state and federal drug task forces	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	77
Maintain/publicize a hotline to report suspected meth labs	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2	6	4	2	3	3	3	3	3	3	75
Require businesses to refuse large quantity sales of precursors	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2	6	6	2	3	3	3	3	3	3	77
Establish snow and ice removal methods	2	6	2	4	3	2	2	2	3	2	3	2	3	3	3	3	6	6	2	3	2	2	2	2	3	73
Educate schools/special needs/local populations on preparing for and self care during pandemic	2	6	0	4	3	2	3	2	3	2	3	2	3	3	3	3	6	6	2	3	3	3	3	3	3	76
Develop/distribute Pandemic preparedness information to limited English speaking residents	3	6	0	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	78
Obtain infectious disease PPE for all personnel responding to a pandemic	2	6	0	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	77
Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	2	6	0	4	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	67



**Town of Westover
All Hazards Mitigation Action Plan**

Train Pandemic event 1 st responders on preparedness and response actions	2	3	0	4	3	2	3	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	65
Develop a list of 1 st responders for early infectious disease vaccination	2	3	0	4	3	2	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	3	75
Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	2	3	0	4	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	3	3	60	
Exercise response to a pandemic event in conjunction with the medical community	2	6	0	4	3	3	3	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	80
Participate in the national Pandemic surveillance program	2	6	0	4	3	3	3	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	80
Develop a traffic flow and security plan for medical dispensing sites	2	0	0	4	3	2	2	2	2	2	3	2	3	3	3	3	6	6	1	3	3	3	3	3	3	3	3	67
Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	2	3	0	4	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	3	3	60	
Adopt/enforce Pandemic Flu legislation to cancel large public and private events	2	6	0	4	3	2	2	2	3	2	2	2	3	3	3	2	6	6	2	3	3	3	3	3	3	3	3	73
Maintain contact with state and federal agencies regarding biological and disease threats.	3	9	0	4	3	3	3	2	3	2	3	2	3	3	3	3	6	6	2	2	3	3	3	3	3	3	3	80
Educate schools, special needs and the community population on recognizing potential terrorist events	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	78
Educate schools, special needs and government officials on procedures for handling suspicious mail	3	9	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	81
Distribute terrorism awareness information to all populations	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	78
Educate school, special needs, officials and the local population on terrorism preparedness info.	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	78
Post terrorism and bomb identification information in buildings and schools	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	78
Identify/distribute to appropriate officials potential terrorism targets information	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	78
Train terror response agencies on terrorist potential and county potential terrorism targets.	3	6	2	2	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	78
Train all terrorism 1 st responders in terrorism attack techniques	2	6	0	2	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	66
Train 1st responders and agencies on CBRNE response	2	6	0	2	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	66
Establish and equip a CBRNE team to respond to incidents in the city	2	6	4	2	3	3	3	1	2	1	1	1	2	3	3	3	2	1	2	1	3	3	3	3	3	3	3	61
Obtain terrorism PPE for personnel responding to terrorism incidents	2	6	0	2	3	2	3	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	67
Obtain terrorism response and control equipment and supplies	2	6	0	2	3	2	3	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	67
Train all appropriate 1 st responders in CBRNE agents	2	6	0	2	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	66



**Town of Westover
All Hazards Mitigation Action Plan**

Obtain CBRNE detection devices and train 1 st responders on use	2	6	0	2	3	2	3	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	67
Exercise a potential terrorism event with 1 st responders at least annually	2	6	2	2	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	3	3	64
Support State Homeland Security strategies to counter terrorism	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Join and/or continue to participate in the Joint Terrorism Task Force.	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Work with schools to develop terrorism preparedness and response plans	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Assist special needs facilities in implementing a security system	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Develop evacuation plans for identified terrorism targets	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Educate school, special needs and the community populations on fire safety and response	3	6	4	6	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	84
Educate school, special needs and the community population on fire extinguisher use	3	6	4	6	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	84
Assist fire departments in obtaining fire prevention program materials	3	6	4	6	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	84
Obtain a fire education-training trailer for the jurisdiction.	2	6	4	6	3	3	3	2	1	2	2	1	2	3	3	3	2	1	2	1	3	3	3	3	3	3	67
Obtain fire PPE for all personnel responding to fire incidents	2	6	4	6	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	75
Train firefighters to obtain for state and national certifications	2	3	4	6	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	72
Obtain/maintain fire fighting supplies at all fire departments	2	6	6	6	3	2	3	2	3	2	3	3	2	3	3	3	4	4	3	2	3	3	3	3	3	3	80
Train all fire responders in fire combat techniques annually	2	6	4	6	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	75
Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	2	3	4	6	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	3	3	3	3	3	3	3	73
Ensure that NFPA standards and codes are followed.	2	0	4	6	3	1	3	3	3	2	3	2	2	3	3	3	6	6	2	3	3	3	3	3	3	3	75
Ensure that fire codes are rigidly enforced with citations issued for violations.	2	6	6	6	3	2	2	1	2	1	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	77
Ensure fire inspections are regularly conducted at businesses and industry	2	6	6	6	3	2	3	1	2	1	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	78
Develop fire plans for all major businesses and critical facilities	2	6	6	6	3	2	3	2	2	2	3	2	2	3	3	3	6	6	3	3	3	3	3	3	3	3	83
Adopt/enforce sprinkler and smoke alarm legislation	2	6	4	6	3	2	2	1	2	2	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	3	72
Obtain fire equipment to combat fires where water hydrants are non-existent	2	6	2	6	3	3	2	3	1	1	1	1	2	3	3	3	4	2	3	1	3	3	3	3	3	3	67
Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	2	6	4	6	3	2	3	1	3	2	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	81



**Town of Westover
All Hazards Mitigation Action Plan**

Acquire and install six inch water mains/hydrants city wide	2	9	6	6	3	3	1	1	1	2	2	1	2	3	3	2	2	2	2	1	2	2	2	3	65	
Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	2	6	0	6	3	3	2	1	2	1	2	2	2	3	3	2	6	6	1	3	3	3	3	3	71	
Adopt/enforce legislation to restrict the disposal of flammable liquids and other hazardous materials	2	6	2	6	3	3	1	1	2	1	3	3	2	3	3	2	6	6	2	3	3	3	3	3	75	
Obtain smoke detectors and provide free to residents in need.	2	6	2	6	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	71	
Educate homeowners and businesses on wildfire fuels reduction	2	6	2	3	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	2	2	2	2	3	74
Educate business, schools and the public on the causes of wild land fires	3	6	2	3	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Educate school/special needs/local populations on wild land fire preparedness and response	3	6	2	3	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Develop a plan to distribute wildfire awareness and prevention information	3	6	2	3	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	76
Work with the DNR to distribute USFS fuels reduction information (Firewise.)	3	6	2	3	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	76
Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	3	6	2	3	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Obtain specialized equipment to combat wild-land fires.	2	6	2	3	3	3	2	3	1	1	1	1	2	3	3	3	4	2	3	1	3	3	3	3	3	64
Train fire 1 st responders in wild-land fire response techniques	2	6	2	3	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	69
Obtain DNR compatible radios for interoperable communications.	2	6	2	3	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	68
Exercise fire response regularly for residences, businesses and industry	2	6	2	3	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	3	65
Identify Private 1 st responders and contractors to assist in wild-land fire response	2	3	2	3	3	1	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	75
Maintain contact with the Forestry office that issues daily "fire potential" reports	3	3	2	3	3	2	3	2	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	76
Adopt/enforce wildfire and burning restriction legislation	2	6	2	3	3	3	2	1	3	1	3	3	2	3	3	2	4	6	2	3	3	3	3	3	3	72



**Town of Westover
All Hazards Mitigation Action Plan**