

TOWN OF HARPERSVILLE INDIVIDUAL MITIGATION ACTION PLAN



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

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TOWN OF HARPERSVILLE MITIGATION ACTION PLAN

Geography/History

The Town of Harpersville is located on the east central border of Shelby County along the Coosa River and U.S. Highway 280 approximately 28 miles southeast of Birmingham.

Harpersville is one of Shelby County's oldest communities. It precedes Shelby County and the State of Alabama. Big Springs, as it was originally called was settled around 1815. Soon after the first settlers, others from North and South Carolina, Alabama, Virginia and Georgia took up residency establishing a store, blacksmith shop, a steam driven cotton gin and a variety of other businesses. Mail delivery soon followed and community prosperity soon led to a regular stagecoach stop.

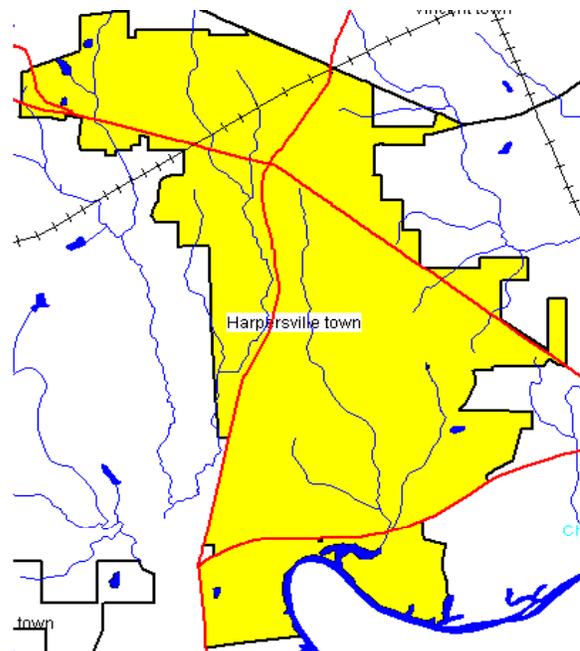
A few years later a school was organized and a teacher was solicited from the Carolinas, a man by the name of Harper [William Webb Harper]. He proved to be a good and faithful teacher, and grew to be admired and respected by all who knew him. Mr. Harper grew so very fond of this beautiful little place that he made it his home. The community was named after him by 1820.

Early settlers made one-room schools characteristic of the area. These led to the construction of Elmhill Academy, which attracted both of Town and out of State students who boarded in the community. Harpersville soon became well known for its educational facilities and cultural activities. The railroad, which was laid in 1908, runs north of the town. It also has a good ferry, east of the town.

In 1926 a modern up-to-date school building was constructed. Along the business line there are two large brick stores. In the 1927 a plant store [cotton gin] was built. Harpersville has one of the best gins in the county, and also a good gristmill. In 1925 Highway 280 was constructed and became known as the Florida Short Route. In 1928 the people began using electricity furnished by the Alabama Power Company. This has helped to increase the worth of the town. In 1945, Harpersville officially incorporated and shortly after purchased the old Harpersville School converting it into the Town Hall and municipal complex.

On January 24, 1964, a devastating tornado destroyed most of the oldest grave markers and killed ten citizens, including five members of the same Kelly family. Thousands of Shelby County's earliest settlers and area residents are buried here. This is the final resting place of American Revolutionary War Patriot William Jennings and the professed burial site of the Last Creek Indian Chief of the Kewahatchie Tribe. One of its native son's Henry B. Wathal was a stage & silent film actor and a pioneer in Hollywood.

The city has produced two NBA stars George McGinnis (Philadelphia 76ers and Indiana Pacers) and Warren Kidd (Philadelphia 76ers).





Special Characteristics

Harpersville has a drive in movie theater, a public library and a public park. Water characteristics in Harpersville include Moores Pond, Old Glade Swamp, and streams East Fork Tanyard Branch, Walthall Branch and West Fork Tanyard Branch.

Population and Demographics

As of the census] of 2000, there were 1,620 people, 610 households, and 458 families residing in the town. The population density was 102.0 people per square mile (39.4/km²). There were 685 housing units at an average density of 43.1/sq mi (16.7/km²). The racial makeup of the town was 69.57% White, 28.70% Black or African American, 0.49% Native American, 0.68% Asian, 0.25% from other races, and 0.31% from two or more races. 0.62% of the population was Hispanic or Latino of any race.

There were 610 households out of which 33.9% had children under the age of 18 living with them, 57.4% were married couples living together, 14.8% had a female householder with no husband present, and 24.8% were non-families. 21.8% of all households were made up of individuals and 9.2% had someone living alone who was 65 years of age or older. The average household size was 2.66 and the average family size was 3.10.

In the town the population was spread out with 27.3% under the age of 18, 7.5% from 18 to 24, 30.0% from 25 to 44, 23.0% from 45 to 64, and 12.3% who were 65 years of age or older. The median age was 37 years. For every 100 females there were 93.5 males. For every 100 females age 18 and over, there were 87.6 males.

Economy

The median household in the town was \$31,655, and the median income for a family was \$34,632. Males had a median income of \$28,839 versus \$22,069 for females. Per capita income for the town was \$12,783. About 17.4% of families and 19.3% of the population were below the poverty line, including 23.6% of those under age 18 and 24.1% of those age 65 or over.

Single-family new house construction building permits in Harpersville included:

- 2002: 2 buildings, average cost: \$196,500
- 2003: 4 buildings, average cost: \$212,500
- 2004: 5 buildings, average cost: \$120,200
- 2005: 21 buildings, average cost: \$101,300
- 2006: 16 buildings, average cost: \$107,400
- 2007: 15 buildings, average cost: \$106,500

The most common occupations for males includes: Material recording, scheduling, dispatching, and distributing workers (8%), Other sales and related workers including supervisors (8%), Farmers and farm managers (7%), Vehicle and mobile equipment mechanics, installers, and repairers (6%), Other production occupations including supervisors (6%), Electrical equipment mechanics and other installation, maintenance, and repair occupations including supervisors (6%), Metal workers and plastic workers (5%)



The most common occupations for females includes: Other production occupations including supervisors (8%), Secretaries and administrative assistants (5%), Building and grounds cleaning and maintenance occupations (5%), Cooks and food preparation workers (5%), Registered nurses (4%), Preschool, kindergarten, elementary and middle school teachers (4%), Cashiers (4%)

Infrastructure

With an authorized level of 8 sworn officers Harpersville enjoys one of the highest protection ratios for this size town.

The Fire Department enjoys a Class 4 rating. Together the departments provide high quality fire fighting, paramedic, fire prevention and law enforcement to the area.

The Harpersville water system serves 1944 and has some of the lowest water rates in the state.

Harpersville public school students attend the Vincent Alabama schools, however there is one private school.

School	Type	Enrollment
Coosa Valley Academy	K - 12	200

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 Harpersville 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	2007	Y	N	Y	Y	
Capital Improvements Plan	Annual Budget	2009		N	N	N	
Comprehensive Plan	Resolution	2006		N	N	Y	
Continuity of Operations Plan				N	N	N	
Community Rating System				N	Y	N	
Economic Development Plan	Comprehensive Plan Resolution	2006		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		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	



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NFIP Participant	Resolution	2007		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	2007		N	N	Y
Subdivision Regulations	Zoning Ordinance	2007		N	N	Y
Wildfire Ordinance				N	N	N
Zoning Ordinances	Ordinance	2007		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 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 Harpersville 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	1	1	1
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	6	6	6
Fire Personnel	Professional(s)	Fire Dept.	18	18	18
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	31	31	31
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	8	8	8
Medical Practioners	Professional(s)	Medical Facilities	3	3	3
Public Works	Directors/Engineers	Public Works	2	2	2
Public Communication	911 specialists	E-911	C15	C15	C15



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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 Harpersville Fiscal Capabilities					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			Y
	Hazard Mitigation Planning Grants (HMPG)	X			N
	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			Y
	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			Y
Private business/industry grants	X			Y	
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			Y

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 Harpersville. The following goal statements represent a broad target for City of Harpersville and its municipalities to achieve through the implementation of their own specific Mitigation Action Plans before the next Plan update.

GOALS	OBJECTIVES
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**Town of Harpersville
All Hazards Mitigation Action Plan**

<p>All Hazards Goal: Mitigate the impact of all hazards on City of Harpersville</p>	<p>Objective AH.1: Improve City of Harpersville’s information distribution and warning capabilities for all hazards to citizens Objective AH.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to all hazards Objective AH.3: Improve City of Harpersville’s capability to prepare for, respond to and recover from all hazards</p>
<p>Flooding Hazard Goal: Mitigate the impact of flooding on City of Harpersville</p>	<p>Objective FL.1: Improve City of Harpersville’s flood warning and information distribution to citizens Objective FL.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to flood events. Objective FL.3: Improve City of Harpersville’s capability to prepare for, respond to and recover from flood events</p>
<p>High Wind Hazard Goal: Mitigate the impact of High Winds on City of Harpersville</p>	<p>Objective HW.1: Improve City of Harpersville’s High Winds warning and information distribution to citizens Objective HW.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to High Winds events. Objective HW.3: Improve City of Harpersville’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 City of Harpersville</p>	<p>Objective IS.1: Improve City of Harpersville’s Ice/Snow warning and information distribution to citizens Objective IS.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Ice/Snow events. Objective IS.3: Improve City of Harpersville’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 City of</p>	<p>Objective PD.1: Improve City of Harpersville’s Pandemic/Vector warning and information distribution to citizens Objective PD.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Pandemic/Vector events. Objective PD.3: Improve City of Harpersville’s capability to prepare for, respond to and recover from Pandemic/Vector events</p>
<p>Wildfire Hazard Goal: Mitigate the impact of Wildfires on City of Harpersville</p>	<p>Objective WF7.1: Improve City of Harpersville’s Wild-land Fire warning and information distribution to citizens Objective WF.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Wild-land Fire events Objective WF.3: Improve City of Harpersville’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 City of Harpersville</p>	<p>Objective HM.1: Improve City of Harpersville’s Hazardous Materials spill or release warning and information distribution to citizens Objective HM.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Hazardous Materials spill/release events Objective HM.3: Improve City of Harpersville’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 City of Harpersville</p>	<p>Objective ID.1: Improve City of Harpersville’s Illegal Drug Laboratories warning and information distribution to citizens Objective ID.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Illegal Drug Laboratories Objective ID.3: Improve City of Harpersville’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 City of Harpersville</p>	<p>Objective TR.1: Improve City of Harpersville’s Domestic/International Terrorism warning and information distribution to citizens Objective TR.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Domestic/International Terrorism events Objective TR.3: Improve City of Harpersville’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 City of Harpersville</p>	<p>Objective UF.1: Improve City of Harpersville’s Urban Fire warning and information distribution to citizens Objective UF.2: Improve City of Harpersville’s 1st responder capabilities to prepare for and respond to Urban Fire events Objective UF.3: Improve City of Harpersville’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 Social, Technical, Administration, Legal, Economic and Environment			
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



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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
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	Encouraged citizens to develop emergency preparedness, response and recovery plans.	Fire Svc. SCSO, City Govt	Local Funds	3,000 100,000	On Going	88
HW1c	Educate special needs/school/local populations on High Wind preparedness and response	Fire Svc. NWS, EMA	Local Funds	3,000 100,000	On Going	87
AH1e	Distribute safe room/shelter in place information to schools, special needs and the public	Fire Svc. SCSO, BOE	Local Funds	3,000 100,000	On Going	84
UF1a	Educate school, special needs and the community populations on fire safety and response	Fire Svc. BOE	Grant, Local Funds	3,000 100,000	On Going	84
UF1b	Educate school, special needs and the community population on fire extinguisher use	Fire Svc.	Local Funds	3,000 100,000	On Going	84
UF1c	Assist fire departments in obtaining fire prevention program materials	EMA, Fire Svc.	Local Funds	3,000 10,000	On Going	84
AH3x	Develop a community shelter program for mobile home parks	City Govt. EMA	Grant Local Funds	100,000 1,000,000	2011 2013	83
TR1b	Educate schools/special needs/government officials on procedures to handle suspicious mail	BOE, SCSO	Local Funds	3,000 100,000	On Going	83
UF3d	Develop fire plans for all major businesses and critical facilities	Fire Svc.	Local Funds	23,000 300,000	On Going	83
HM1a	Educate school populations on hazardous materials preparedness and response	Fire Svc. BOE	Local Funds	3,000 100,000	On Going	82
HM1c	Educate schools special needs, and community populations on chemical hazards in the area.	Fire Svc. BOE	Local Funds	3,000 100,000	On Going	82



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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3r	Participate in NFIP's Cooperating Technical Partners Program (CTP)	City Govt	Local Funds	1,000 10,000	On Going	81
FL3e	Inspect and maintain natural drainage channels to clear beaver dams and debris	City Govt. Fire Svc.	Grant, Local Funds	25,000 300,000	2010 2014	81
HM1b	Educate the public on common hazardous materials in home	Fire Svc.	Local Funds	3,000 100,000	On Going	81
HW3a	Adopt/enforce comprehensive Building Code legislation	City Govt	Local Funds	3,000 100,000	On Going	81
PD2e	Exercise response to a pandemic event in conjunction with the medical community	EMA, Fire Svc. SCSO, City Govt	HLS Grant, Local Funds	13,000 100,000	2010 2014	81
PD3a	Participate in the national Pandemic surveillance program	City Govt	Local Funds	3,000 100,000	On Going	81
UF3g	Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	City Govt. Fire Svc.	Local Funds	3,000 100,000	On Going	81
AH3l	Assist schools in implementing an emergency phone line	City Govt. BOE	Local Funds	1,000 10,000	On Going	80
FL1a	Distribute flood awareness and preparedness literature at events	Fire Svc.	Local Funds	3,000 100,000	On Going	80
FL2a	Obtain PPE for all personnel responding to flood events	Fire Svc.	Grant Local Funds	23,000 100,000	2010 2012	80
TR1a	Educate schools/special needs/local populations on recognizing potential terrorist events	BOE, SCSO	Local Funds	3,000 100,000	On Going	80
TR1c	Distribute terrorism awareness information to the public/schools/special needs	SCSO	Local Funds	3,000 100,000	On Going	80
TR1d	Educate school, special needs, officials and the local population on terrorism preparedness info.	BOE, SCSO	Local Funds	3,000 100,000	On Going	80
TR1e	Post terrorism and bomb identification information in buildings and schools	BOE, SCSO	Local Funds	3,000 100,000	On Going	80
TR1f	Identify/distribute to appropriate officials potential terrorism targets information	SCSO	Local Funds	3,000 100,000	On Going	80
TR2a	Train terror response agencies on terrorist potential and city potential terrorism targets.	SCSO, Fire Svc	HLS Grant, Local Funds	23,000 100,000	2009 2011	80
UF2c	Obtain/maintain fire fighting supplies at all fire departments	Fire Svc.	Grant Local Funds	50,000 2500,000	2009 2014	80
AH3a	Adopt the National Incident Management System (NIMS)	City Govt	Local Funds	3,000 100,000	2009 2010	79
AH3y	Insure building code compliance Inspections are conducted on construction projects	City Govt	Local Funds	3,000 100,000	On Going	79
HM1d	Educate schools, special needs and local population on hazmat evacuation	Fire Svc. BOE	Local Funds	3,000 100,000	On Going	79
HM1g	Establish school hazard materials environmental impact programs	Fire Svc. BOE	Local Funds	3,000 100,000	On Going	79
HM2c	Develop/maintain hazmat SOG's/FOG's for 1 st responders	Fire Svc. EMA	Local Funds	3,000 100,000	2009 2014	79



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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
PD1c	Develop/distribute Pandemic preparedness information to limited English speaking residents	ADPH, City Govt	Local Funds	3,000 100,000	On Going	79
TR3e	Support State Homeland Security strategies to counter terrorism	City Govt	Local Funds	3,000 100,000	On Going	79
TR3e1	Join and/or continue to participate in the Joint Terrorism Task Force.	SCSO	Local Funds	3,000 100,000	On Going	79
TR3k	Assist schools in developing terrorism preparedness and response plans	SCSO, BOE	Local Funds	3,000 100,000	On Going	79
TR3m	Assist special needs facilities to implement a security system	SCSO	Local Funds	3,000 100,000	On Going	79
TR3o	Develop evacuation plans for identified terrorism targets	SCSO, Fire Svc.	Local Funds	13,000 100,000	On Going	79
AH1b	Schedule regular maintenance and testing of hazard warning units (Monthly Testing)	Fire Dept, 911	Local Funds	3,000 100,000	On Going	78
HM3c	Develop/maintain a citywide hazard materials response plan	Fire Svc. EMA, LEPC	Grant Local Funds	3,000 10,000	2009 2014	78
HM3i	Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	Fire Svc. EMA, LEPC	Local Funds	3,000 100,000	On Going	78
IL1a	Educate school and local populations on Meth Lab awareness	BOE, SCSO	Local Funds	3,000 100,000	On Going	78
PD2a	Obtain infectious disease PPE for all personnel responding to a pandemic	ADPH, City Govt, Fire Svc	Grant, Local Funds	23,000 100,000	2010 2012	78
UF3c	Encourage fire inspections to be regularly conducted at businesses and industry	Fire Svc.	Local Funds	3,000 100,000	On Going	78
FL3a	Participate in the National Flood Insurance Program (NFIP)	City Govt	Local Funds	3,000 100,000	On Going	77
FL3h	Request a study of the feasibility of flood control measures along the Coosa River.	City Govt	Grant, Local Funds	23,000 100,000	2011	77
HM3h	Maintain a current list of Hazardous Materials spill clean up companies available to the city	Fire Svc. LEPC, EMA	Local Funds	3,000 10,000	On Going	77
HW3g	Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	City Govt	Local Funds	3,000 100,000	On Going	77
IL3a	Join/participate in local state and federal drug task forces	SCSO, FD	HLS Grant Local Funds	3,000 100,000	2009 2014	77
PD1a	Educate schools/special needs/local populations on preparedness and self care for a Pandemic	ADPH, City Govt	Local Funds	3,000 10,000	On Going	77
UF3b	Ensure that fire codes are rigidly enforced with citations issued for violations.	Fire Svc. SCSO	Local Funds	3,000 100,000	On Going	77
WF1b	Educate business/school/local populations on the causes of wild land fires	AFC, Fire Svc.	Local Funds	3,000 100,000	On Going	77
WF1c	Educate school/special needs/local populations on preparedness for and response to a wild-land fire	AFC, Fire Svc. BOE	Local Funds	3,000 100,000	On Going	77
WF1f	Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	City Govt	Local Funds	3,000 100,000	On Going	77
AH2c	Train 1 st responders in search and rescue techniques	SCSO, Fire Svc.	Grant Local Funds	23,000 100,000	2009 2010	76



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

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3o	Encourage business, schools, special needs and government facilities to post evacuation routes	City Govt. SCSO	Local Funds	1,000 10,000	On Going	76
AH3p	Develop/implement/maintain the jurisdictions Mitigation Action Plan	City Govt. Fire Svc. SCSO	Grant Local Funds	3,000 100,000	On Going	76
AH3s2	Develop strategies to prevent loss of public records	City Govt	Local Funds	3,000 100,000	On Going	76
FL3h	Educate developers on Watershed, Floodplain and wetland development restrictions	City Govt	Local Funds	3,000 100,000	On Going	76
HM3h	Enforce pre-planning requirements for Extremely Hazardous Substances (EHS)	City Govt. Fire Svc. LEPC	Local Funds	3,000 10,000	On Going	76
HW2c	Train 1 st responders to respond to High Wind events	Fire Svc. SCSO	Grant, Local Funds	25,000 100,000	2009 2012	76
PD2c	Develop a list of 1 st responders for early infectious disease vaccination	City Govt	Local Funds	3,000 10,000	2009 2010	76
UF2a	Obtain fire PPE for all personnel responding to fire incidents	Fire Svc.	Grant Local Funds	333,000 100,000	2009 2014	75
UF2d	Train all fire responders in fire combat techniques annually	Fire Svc.	Grant Local Funds	8,000 100,000	2009 20014	75
UF3a	Ensure that NFPA standards and codes are followed.	City Govt. Fire Svc.	Local Funds	3,000 100,000	On Going	75
UF3j	Adopt/enforce legislation to restrict the disposal of flammable liquids and hazardous materials	City Govt	Local Funds	3,000 100,000	On Going	75
AH2b	Evaluate/maintain 1st responders emergency kits annually	Fire Svc. SCSO	Local Funds	3,000 10,000	On Going	74
AH2g	Train 1 st responders and officials on the National Incident Management System (NIMS)	City Govt, SCSO, Fire Svc.	DHL Grant Local Funds	3,000 100,000	2009 2014	74
AH2h	Train 1 st responders and officials in Emergency Operations Center Operations and the EOP	City Govt, SCSO, Fire Svc.	Local Funds	3,000 100,000	2009 2010	74
AH2i	Train 1 st responders/officials in performing damage assessments.	City Govt, Fire Svc. EMA	Local Funds	3,000 100,000	On Going	74
AH3k	Obtain disaster supply kits for schools/special needs facilities	City Govt, Fire Svc. BOE	Grant Local Funds	13,000 100,000	2010 2012	74
HM2d	Train all 1 st responders on hazardous materials response and recovery	Fire Svc. EMA	HLS Grant	25,000 100,000	2010 2012	74
HW1a	Obtain NOAA weather radios for schools, government and special needs facilities	Fire Svc. BOE	Grant Local Funds	30,000 100,000	2010	74
HW2b	Obtain 1 st responder PPE and supplies for High Wind response	Fire Svc. City Govt	HLS Grant	53,000 100,000	2010 2011	74
HW3h	Adopt/enforce legislation to control construction standards of mobile homes moved into the city.	City Govt	Local Funds	3,000 100,000	On Going	74
IS3d	Establish snow and ice removal methods	Fire Svc. SCSO, City Govt	Local Funds	3,000 10,000	On Going	74



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

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
PD3h	Adopt/enforce Pandemic Flu legislation to cancel large public and private events	City Govt	Local Funds	3,000 100,000	On Going	74
WF1d	Develop a plan to distribute wildfire awareness and prevention information	AFC, Fire Svc.	Local Funds	3,000 100,000	On Going	74
WF1e	Work with the DNR to distribute USFS fuels reduction information (Firewise.)	AFC, Fire Svc.	Local Funds	3,000 100,000	On Going	74
WF3g	Maintain contact with the Forestry office that issues daily "fire potential" reports	AFC, Fire Svc.	Local Funds	3,000 10,000	On Going	74
AH1d	Obtain backup power systems for audible warning devices	City Govt	Grant	50,000 300,000	2010 2011	73
AH2a	Obtain/distribute interoperable radios for all 1 st responders	Fire Svc. SCSO	Grant Local Funds	50,000 500,000	2011 2012	73
AH2e	Train 1 st responders on responding to mass casualty events	Fire Svc. SCSO	Grants DHL Grants	3,000 100,000	2009 2014	73
FL3d	Participate in the NFIP Community Rating System	City Govt	Local Funds	1,000 100,000	2010 2014	73
HM2a	Obtain PPE for all personnel responding to hazmat incidents	Fire Svc. EMA	HLS Grant, Local Funds	93,000 400,000	2010 2012	73
HW2d	Exercise a High Wind event with 1 st responders at least annually	City Govt. Fire Svc. SCSO	Local Funds	13,000 100,000	2010 2014	73
UF2h	Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	Fire Svc.	Grant Local Funds	10,000 100,000	On Going	73
WF2g	Identify Private 1 st responders and contractors to assist in wild-land fire response	Fire Svc.	Local Funds	3,000 10,000	On Going	73
AH1c	Obtain and/or expand warning sirens to for all uncovered areas (4 locations)	City Govt	Grant Local Funds	73,000 300,000	2010 2011	72
AH3o1	Obtain signage to direct the public evacuation during hazard events	City Govt. Fire Svc. SCSO	Grant Local Funds	13,000 100,000	2010 2012	72
FL3l	Identify alternative access points for single access neighborhoods	City Govt, FD	Local Funds	3,000 100,000	On Going	72
HW1g	Train citizens in weather observation in conjunction with the National Weather Service	NWS, Fire Svc. EMA	Local Funds	5,000 100,000	On Going	72
UF2b	Train firefighters to obtain for state and national certifications	Fire Svc.	Grant Local Funds	30,000 100,000	2009 2014	72
UF3e	Adopt/enforce sprinkler and smoke alarm legislation	City Govt. Fire Svc.	Local Funds	3,000 100,000	On Going	72
WF1a	Educate homeowners and businesses on wildfire fuels reduction	AFC, Fire Svc.	Local Funds	3,000 100,000	On Going	72
FL3a5	Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	City Govt	Local Funds	33,000 100,000	On Going	71
HM3b	Develop evacuation perimeters and routes for high risk hazmat sites	Fire Svc. SCSO, LEPC	Local Funds	3,000 100,000	On Going	71
HM3b	Maintain and annually update an inventory of hazmat sites.	Fire Svc. EMA, LEPC	Local Funds	3,000 100,000	On Going	71
HM3j	Adopt/enforce hazardous materials site building setback legislation	City Govt	Local Funds	3,000 100,000	On Going	71



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

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW1g	Develop a plan to provide weather radios to low income residents	City Gov. Fire Svc.	Grant Local Funds	7,000 100,000	2009 2013	71
UF3i	Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	City Govt	Local Funds	3,000 100,000	On Going	71
UF3k	Obtain smoke detectors and provide free to residents in need.	City Govt. Fire Svc.	Grant Local Funds	8,000 100,000	2010 2014	71
AH2d	Exercise 1 st responder and hospital Mass Casualty plans regularly.	Fire Svc. SCSO	Local Funds	3,000 100,000	2009 2014	70
FL3c3	Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	City Govt	Local Funds	3,000 400,000	On Going	70
FL3f	Identify roadways, culverts and bridges damaged by flooding	City Govt	Local Funds	3,000 100,000	On Going	70
FL3g	Update City Land Use Plan to identify areas where development should be restrictive	City Govt	Local Funds	3,000 100,000	On Going	70
FL3m	Acquire signage to indicate water depth at flooding points	City Govt. SCSO, Fire Svc.	Grant, Local Funds	3,000 100,000	2010 2012	70
IL2b	Train 1 st responders in Methamphetamine Lab chemicals	SCSO, FD	HLS Grant Local Funds	25,000 100,000	2009 2011	70
IL2c	Provide Meth Lab training to all personnel responding to Meth Labs	SCSO, FD	HLS Grant	25,000 100,000	2009 2014	70
WF3i	Adopt/enforce wildfire legislation that includes burning bans	City Govt. Fire Svc.	Local Funds	3,000 100,000	On Going	70
FL3a4	Educate developers, builders and the public on the location of NFIP designated flood plains	City Govt	Local Funds	3,000 100,000	On Going	69
FL3f3	Obtain/Install barriers to block flooding roadways and bridges	Fire Svc. SCSO	HLS Grant, Local Funds	23,000 100,000	2010 2012	69
Hm3e	Obtain hazmat containment equipment for water, roads/railroads	Fire Svc. EMA	Grant Local Funds	75,000 400,000	2010 2012	69
TR2e	Obtain terrorism PPE for personnel responding to terrorism incidents	EMA, SCSO, Fire Svc.	HLS Grant, Local Funds	30,000 100,000	2009 2010	69
TR2f	Obtain terrorism response and control equipment and supplies	EMA, SCSO, Fire Svc.	HLS Grant, Local Funds	20,000 100,000	2009 2011	69
TR2i	Obtain CBRNE detection devices and train 1 st responders on use	SCSO, Fire Svc. EMA	HLS Grant, Local Funds	40,000 100,000	2011 2012	69
AH3s	Obtain funds for critical government departments to develop Continuity of Operations Plans	City Govt	Grant Local Funds	33,000 800,000	On Going	68
HM2e	Maintain an inventory of Mark I packs to respond to chemical agents	Fire Svc.	Grant Local Funds	30,000 100,000	On Going	68
HM2f	Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	Fire Svc. SCSO, EMA	Grant, HLS Grant	19,000 100,000	2009 2014	68
IL2a	Obtain PPE for all personnel that respond to Meth Labs	SCSO, FD	HLS Grant Local Funds	75,000 400,000	2009 2010	68
PD3c	Develop a traffic flow and security plan for medical dispensing sites	SCSO, ADPH	Local Funds	3,000 100,000	2009 2010	68



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

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
TR2b	Train all terrorism 1 st responders in terrorism attack techniques	Fire Svc. SCSO, Fire Svc	HLS Grant, Local Funds	18,000 100,000	2009 2011	68
TR2c	Train 1st responders and agencies on CBRNE response	Fire Svc. SCSO, Fire Svc	Local Funds	6,000 100,000	2009 2011	68
TR2g	Train all appropriate 1 st responders in CBRNE agents	SCSO, Fire Svc.	HLS Funds, Local Funds	12,000 100,000	2009 2014	68
FL3a1	Adopt/enforce an NFIP flood plain management plan	City Govt	Local Funds	3,000 100,000	On Going	67
FL3a2	Adopt/enforce floodplain legislation to require structures be built above the NFIP BSE	City Govt	Local Funds	3,000 100,000	On Going	67
HW3e	Obtain funding to build mobile home community storm shelters	City Govt. EMA	Grant Local Funds	250,000 1,000,000	2010 2014	67
UF1d	Obtain a fire education-training trailer for the jurisdiction.	Fire Svc.	Grant, Local Funds	100,000 300,000	2010 2012	67
UF3f	Obtain fire equipment to combat fires where water hydrants are non-existent	Fire Svc.	Grant, Local Funds	200,000 1,000,000	2009 2012	67
WF2c	Train fire 1 st responders in wild-land fire response techniques	Fire Svc. AFC	Local Funds	10,000 100,000	2009 2012	67
AH3e	Obtain/install emergency generators or "pigtailes" for critical government facilities and fuel depots. (City Hall, FS# 1, Pump Station)	City Govt Fire Svc. SCSO	Grant Local Funds	100,000 400,000	2010 2012	66
PD2b	Train Pandemic event 1 st responders on preparedness and response actions	ADPH, Fire Svc. SCSO, Fire Svc	Local Funds	8,000 100,000	On Going	66
TR2j	Exercise a potential terrorism event with 1 st responders at least annually	SCSO, Fire Svc. EMA	HLS Grant, Local Funds	13,000 100,000	2009 2014	66
WF2e	Obtain DNR compatible radios for interoperable communications.	City Govt. Fire Svc. SCSO	HLS Grant	30,000 100,000	2009 2011	66
UF3h	Acquire and install six inch water mains/hydrants city wide	City Govt	Grant Local Funds	500,000 1,000,000	2011 2014	65
FL3a3	Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	City Govt	Local Funds	3,000 100,000	On Going	64
FL3f	Develop a storm water management plan for the jurisdiction	City Govt	Grant Local Funds	13,000 100,000	2010 2011	64
Hm2b	Obtain hazmat detecting equipment for 1 st responders	Fire Svc. EMA	HLS Grant	45,000 200,000	2009 2011	64
HM3d	Obtain monitoring equipment for high risk hazmat sites	Fire Svc. EMA	HLS Grant, Local Funds	50,000 100,000	2010 2012	64
FL3e	Adopt/enforce land use flood plain wetlands and watershed zoning	City Govt	Local Funds	3,000 100,000	On Going	63
FL3g	Adopt/enforce storm water legislation to reduce runoff from developments.	City Govt	Local Funds	3,000 100,000	On Going	63
WF2f	Exercise fire response regularly for residences, businesses and industry	Fire Svc.	Local Funds	13,000 100,000	On Going	63
WF2b	Obtain specialized equipment to combat wild-land fires.	Fire Svc.	Grant State Grant	25,000 100,000	2009 2011	62

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
FL3i	Obtain equipment to build water flow and water retention areas to mitigate flooding	City Govt, Streets	Grant, Local Funds	103,000 500,000	2010 2013	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 2012	61
PD3d	Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	ADPH, EMA, City Govt	Local Funds	13,000 100,000	2009 2014	61
FL3f1	Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	City Govt	Grant, Local Funds	100,000 500,000	2010 2013	59
FL3f2	Obtain equipment to mitigate bridge, culverts, and roadway flooding	City Govt	Grant Local Funds	53,000 200,000	2010 2013	59

"STAPLEE" Mitigation Actions Prioritization Table																										
Action/Project Description	Social			Technical			Administrative			Political			Legal			Economic			Environmental			Prioritization				
	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
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 (4 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/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
Encouraged citizens to develop emergency preparedness, response and recovery 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



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Exercise 1 st responder and hospital Mass Casualty plans regularly.	2	6	0	9	3	2	2	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	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	2	3	3	3	4	6	2	3	3	3	3	3	3	3	74
Train 1 st responders and officials in Emergency Operations Center Operations and the EOP	2	3	0	9	3	3	3	2	2	2	2	2	2	2	3	3	3	4	6	2	3	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	2	3	3	3	4	6	2	3	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	2	3	3	3	6	6	3	3	3	3	3	3	3	3	79
Obtain/install emergency generators or “pigtailed” for critical government facilities and fuel depots. (City Hall, FS# 1, Pump Station)	3	3	4	9	3	3	2	2	2	1	2	2	2	3	3	3	2	2	2	2	1	2	2	2	2	3	3	66
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	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	3	3	3	80
Encourage business, 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	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	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	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	3	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	2	3	3	3	4	4	4	1	3	3	3	3	3	3	3	68
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	3	3	3	76
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	3	3	3	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	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	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	3	3	3	80
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	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	3	3	3	67
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	2	3	3	67



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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	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 plains	2	3	4	5	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	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	3	71
Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	2	6	4	5	3	3	3	1	3	1	2	2	2	3	3	2	4	4	3	3	2	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	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	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	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	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	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	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	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	3	69
Update City 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	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	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	3	76
Request a study of the feasibility of flood control measures along the Coosa River.	2	6	6	5	3	3	3	2	2	2	2	1	2	3	3	3	4	4	6	1	3	2	3	3	3	3	77
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	2	3	61
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	3	72
Acquire signage to indicate water depth at flooding points	2	6	2	5	3	2	3	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	3	70
Educate school populations on hazardous materials preparedness and response	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	3	82
Educate the public on common hazardous materials in home	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	3	81
Educate schools special needs, and community populations on chemical hazards in the area.	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	3	82
Educate schools, special needs and local population on hazmat evacuation	3	6	0	7	3	2	3	2	3	2	2	2	3	3	3	3	6	6	1	3	3	3	3	3	3	3	79



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Establish school hazard materials environmental impact programs	3	6	0	7	3	2	3	2	3	2	3	2	2	3	3	3	3	3	6	6	1	3	3	3	3	3	3	3	79
Obtain PPE for all personnel responding to hazmat incidents	2	6	2	7	3	2	3	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	73	
Obtain hazmat detecting equipment for 1 st responders	1	3	2	7	3	2	3	2	1	1	2	2	2	3	3	3	4	4	2	1	3	3	2	2	3	3	64		
Develop/maintain hazmat SOG's/FOG's for 1 st responders	2	6	2	7	3	2	3	1	3	1	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	79		
Train all 1 st responders on hazardous materials response and recovery	2	6	2	7	3	2	3	2	2	2	3	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	74		
Maintain an inventory of Mark I packs to respond to chemical agents	2	3	0	7	3	2	3	1	2	2	3	2	2	3	3	3	4	4	1	3	3	3	3	3	3	3	68		
Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	2	6	2	7	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	3	68			
Develop evacuation perimeters and routes for high risk hazmat sites	2	0	0	7	3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	71			
Maintain and annually update an inventory of hazmat sites.	2	0	0	7	3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	71			
Develop/maintain a citywide hazard materials response plan	2	6	4	7	3	2	3	2	3	2	2	2	2	3	3	3	6	4	2	2	3	3	3	3	3	78			
Obtain monitoring equipment for high risk hazmat sites	1	6	2	7	3	3	2	3	1	1	1	1	2	3	3	3	4	2	2	1	3	3	2	2	3	64			
Obtain hazmat containment equipment for water, roads/railroads	2	3	4	7	3	3	3	2	2	2	2	2	2	3	3	3	4	1	2	1	3	3	3	3	3	69			
Enforce pre-planning requirements for Extremely Hazardous Substances (EHS)	2	6	2	7	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	76			
Maintain a current list of Hazardous Materials spill clean up companies available to the city	2	0	2	7	3	2	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	77			
Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	2	6	2	7	3	2	3	1	3	2	3	3	3	3	3	4	6	3	3	3	3	2	2	3	78				
Adopt/enforce hazardous materials site building setback legislation	1	6	2	7	3	3	2	1	2	1	2	1	1	3	3	2	4	6	3	3	3	3	3	3	3	71			
Obtain NOAA weather radios for schools, government and special needs facilities	3	6	0	8	3	3	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	74			
Educate special needs/school/local populations on High Wind preparedness and response	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	87			
Develop a plan to provide weather radios to low income residents	2	6	0	8	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	71			
Train citizens in weather observation in conjunction with the National Weather Service	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			



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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	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	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	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	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	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	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	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	3	77
Establish snow and ice removal methods	2	6	2	5	3	2	2	2	3	2	3	2	3	3	3	3	6	6	2	3	2	2	2	2	3	3	74
Educate schools/special needs/local populations on preparedness and self care for a Pandemic	2	6	0	5	3	2	3	2	3	2	3	2	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Develop/distribute Pandemic preparedness information to limited English speaking residents	3	6	0	5	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	79
Obtain infectious disease PPE for all personnel responding to a pandemic	2	6	0	5	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	78
Train Pandemic event 1 st responders on preparedness and response actions	2	3	0	5	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	66
Develop a list of 1 st responders for early infectious disease vaccination	2	3	0	5	3	2	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	76
Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	2	3	0	5	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	2	3	61
Exercise response to a pandemic event in conjunction with the medical community	2	6	0	5	3	3	3	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	81
Participate in the national Pandemic surveillance program	2	6	0	5	3	3	3	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	81
Develop a traffic flow and security plan for medical dispensing sites	2	0	0	5	3	2	2	2	2	2	3	2	3	3	3	3	6	6	1	3	3	3	3	3	3	3	68
Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	2	3	0	5	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	2	3	61
Adopt/enforce Pandemic Flu legislation to cancel large public and private events	2	6	0	5	3	2	2	2	3	2	2	2	3	3	3	2	6	6	2	3	3	3	3	3	3	3	74
Educate schools/special needs/local populations on recognizing potential terrorist events	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	80
Educate schools/special needs/government officials on procedures to handle suspicious mail	3	9	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	83



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Exercise fire response regularly for residences, businesses and industry	2	6	2	1	3	2	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	3	63
Identify Private 1 st responders and contractors to assist in wild-land fire response	2	3	2	1	3	1	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	73
Maintain contact with the Forestry office that issues daily "fire potential" reports	3	3	2	1	3	2	3	2	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	74
Adopt/enforce wildfire legislation that includes burning bans	2	6	2	1	3	3	2	1	3	1	3	3	2	3	3	2	4	6	2	3	3	3	3	3	3	3	70



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