

**CITY OF COLUMBIANA
INDIVIDUAL MITIGATION
ACTION PLAN**



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

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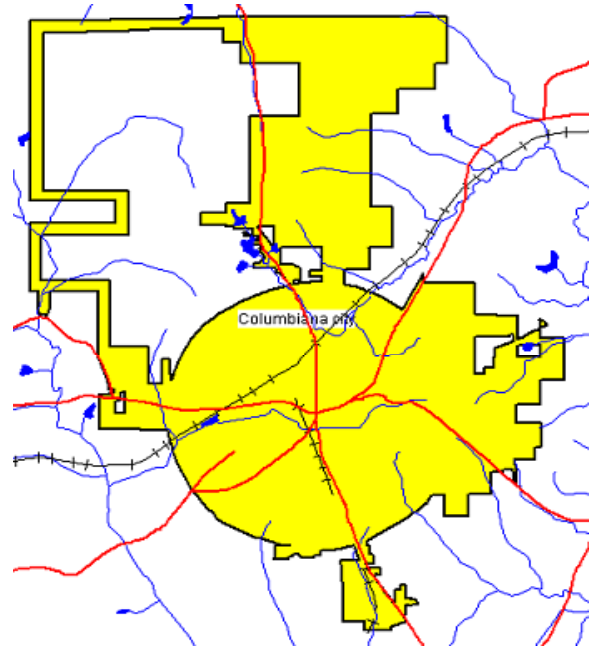
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CITY OF COLUMBIANA MITIGATION ACTION PLAN

Geography/History

The early history of Columbiana (Columbia, as it was originally called) preceded the organization of the county of Shelby, and the admission of Alabama as a State into the Union in 1819. Before any settlements were made at the place where Columbiana is located, several communities, having a considerable population, had been formed in different parts of the county with the vicinity of Montevallo being the most numerous. There were populous communities located in and around Harpersville. A large number had also settled in the neighborhood of Wilsonville. The first settlers at Columbiana came principally from the vicinity of Harpersville and Wilsonville in 1821, deriving title from the government. In 1824, the first mercantile business was started in Columbiana.

In 1826 the county courthouse was moved to an old school building in Columbia, located in the central part of Shelby County. The State Legislature changed its name to Columbiana on January 13, 1832, and the county seat was then permanently located at Columbiana. Incorporated in 1837, with corporate limits one-quarter mile in each direction from the public square.



The year 1837 was signalized by the departure of a large portion of the Indians, who were hostile to the whites. They were principally the Muscogees and Seminoles who had occupied portions of Talladega and Calhoun counties, and were occupying in large numbers the lands along the Tallapoosa River. They were always ready for an affray with the whites and their Indian allies. It was principally against these tribes that Gen'l Jackson came in 1813 with a large force to Talladega and Tallapoosa counties to protect the whites in those counties.

Prior to the Civil War, an iron foundry was located in Columbiana. Shelby Iron Works of Columbiana operated throughout the Civil War and antebellum period. Manufacturing at Shelby Iron Works was instrumental to Confederate States efforts during the Civil War. The company may well have been the largest Alabama supplier of Confederate iron during the war. The vast majority of the company output went to the Naval Department, although, iron for side arms and rifles was also supplied by the iron works

In 1850 a stage-line, connecting Columbiana with Montevallo, and other places was established. After the stage-line was superseded by the railroad in 1855, the old coach was still used for a long time as a hack to carry passengers from the depot to the tavern.

In 1854, the decision was made to build another county courthouse, which is today referred to as the "old courthouse." Construction began on the current stone courthouse in 1905. The cornerstone ceremony was held April 5, 1906. An addition was completed in 1954. It received a



multi-million dollar renovation in the early 1990's. On March 4, 2006 the contents were removed from the cornerstone and placed on display at the Shelby County Museum & Archives.

Source "concise history of Columbiana" Joseph L. Peters

Special Characteristics

The Shelby County Historical Society Museum and archives is housed in the 1854 Shelby County Courthouse.

The Karl C. Harrison/ Smith Harrison Museum of George Washington (Largest collection of George and Martha Washington Memorabilia outside of Mount Vernon) is located in the Mildred B. Harrison Regional Library.

Park facilities include a Park near Elvin Hill Elementary School and the Columbiana Sports Complex on McDow Road. The City Park features a pavilion, picnic tables, playground and swing-sets. Adjacent are Lewis and Bolton Girls Softball Fields. The sports complex features batting cages, a playground, four baseball fields, a football field and a walking track.

In 1986 a group of patriotic citizens organized to sponsor Columbiana's first Liberty Day to honor and to celebrate the 100th anniversary of the Statue of Liberty. In response to their efforts, the first Liberty Day was held on Main Street in the summer of 1986 and featured patriotic music, local dance groups, and fireworks. Liberty Day is held each year on the last Saturday of June in downtown Columbiana, Alabama

Population and Demographics

As of the census of 2000, there were 3,316 people, 1,260 households, and 868 families residing in the city. The population density was 218.5 people per square mile. There were 1,372 housing units at an average density of 90.4/sq mi (34.9/km²). The racial makeup of the city was 78.59% White, 19.60% Black or African American, 0.24% Native American, 0.15% Asian, 0.03% Pacific Islander, 0.66% from other races, and 0.72% from two or more races. 1.99% of the population was Hispanic or Latino of any race.

There were 1,260 households out of which 34.0% had children under the age of 18 living with them, 51.8% were married couples living together, 13.4% had a female householder with no husband present, and 31.1% were non-families. 29.2% of all households were made up of individuals and 12.9% had someone living alone who was 65 years of age or older. The average household size was 2.50 and the average family size was 3.10.

In the city the population was spread out with 25.9% under the age of 18, 8.3% from 18 to 24, 31.6% from 25 to 44, 21.8% from 45 to 64, and 12.4% who were 65 years of age or older. The median age was 36 years. For every 100 females there were 100.5 males. For every 100 females age 18 and over, there were 93.2 males.

Economy

The median income for a household in the city was \$34,034, and the median income for a family was \$44,798. Males had a median income of \$34,350 versus \$21,193 for females. The per capita income for the city was \$18,086. About 8.2% of families and 11.5% of the population were below the poverty line, including 15.3% of those under age 18 and 14.2% of those age 65 or over



The most common occupations for males includes: Other production occupations including supervisors (8%), Electrical equipment mechanics and other installation, maintenance, and repair occupations including supervisors (6%), Other management occupations except farmers and farm managers (5%), Metal workers and plastic workers (5%), Top executives (4%), Laborers and material movers, hand (4%), Material recording, scheduling, dispatching, and distributing workers (4%).

The most common occupations for females includes: Secretaries and administrative assistants (7%), Information and record clerks except customer service representatives (6%), Other office and administrative support workers including supervisors (6%), Other management occupations except farmers and farm managers (5%), Preschool, kindergarten, elementary and middle school teachers (5%), Waiters and waitresses (5%), Other sales and related workers including supervisors (4%)

Commerce is also abundant featuring the Elastic Corporation of America, Citation Foam Casting, Central Alabama Fabricators, upscale retail and antique shops, fine dining and lots more. Having easy access to Interstate I-65, Highway 280 and Lay Lake is a real plus in this charming bedroom community.

Infrastructure

Columbiana, as county seat, is home to many County Government offices and Organizations such as the Shelby County Board of Education, The Shelby County Sheriffs Department and the Adult Jail and the Harrison Regional Library, the main office of the Shelby County Libraries.

Columbiana has 12 full-time Law Enforcement Employees (8 officers) and their own 911 system The fire department has 30 firefighters of which 2 are also EMT's.

Education

Elvin Hill Elementary School- Kindergarten through Fifth Grade, enrollment is 579.

Columbiana Middle School- Sixth Grade through Eighth Grade, enrollemnt is 500.

Shelby County High School- Ninth Grade through Twelfth Grade. The Shelby County Wildcats school colors are maroon and white. Its sports teams are part of the Alabama High School Athletic Association Class 5A. Enrollment is 653

Shelby County School of Technology- career technical center, enrollment is 35.

Cornerstone Christian School- private school serving Prekindergarten through Twelfth Grade, enrollment is 253.

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 Columbiana Legal And Regulatory Capability



**City of Columbiana
All Hazards Mitigation Action Plan**

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	Southern Building Codes	1999	Y	N	Y	Y
Capital Improvements Plan	Annual Budget	2009	Y	N	N	N
Comprehensive Plan	Resolution	2003	Y	N	N	Y
Continuity of Operations Plan				N	N	N
Community Rating System				N	Y	N
Economic Development Plan	Comprehensive Plan Resolution	2003	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	2005	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	2005	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	1958		N	N	Y
Subdivision Regulations	Zoning Ordinance	1980		N	N	Y
Wildfire Ordinance	Ordinanc3	2000	Y	N	N	N
Zoning Ordinances	Ordinance	1958	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 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 Columbiana 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



**City of Columbiana
All Hazards Mitigation Action Plan**

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	25	25	25
Fire Personnel	Professional(s)	Fire Dept.	30	30	30
Floodplain Manager	Engineer(s)	Engineering/Public Works	C1	C1	C1
GIS Specialist	Professional(s)	Property Assessor/IT	C1	C1	C1
Government Elected	Elected Officials	Mayor/Commission	6	6	6
Government Administration	Employees	Jurisdiction	83	83	83
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	3	3	3
Land Use/Management	Engineer(s)/Planners	State/Local Planning	C1	C1	C1
Law Enforcement	Sheriff, Police, Trooper	Sheriff/Police Department	10	10	10
Medical Practioners	Professional(s)	Medical Facilities	9	9	9
Public Works	Directors/Engineers	Public Works	12	12	12
Public Communication	911 specialists	E-911	8	8	8
Public Utilities	Professionals	Public Utilities	3	3	3
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 Columbiana 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			Y
	PDM for disaster resistant universities		X		N
	PDM Grants for communities	X			Y
	Department of Health Grants		X		N
	Department of Justice Grants	X			Y
	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			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			N
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 Columbiana. The following goal statements represent a broad target for City of Columbiana 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 Columbiana	Objective AH.1: Improve the City of Columbiana's information distribution and warning capabilities for all hazards to citizens Objective AH.2: Improve the City of Columbiana's 1 st responder capabilities to prepare for and respond to all hazards Objective AH.3: Improve the City of Columbiana's capability to prepare for, respond to and recover from all hazards
Flooding Hazard Goal: Mitigate the impact of flooding on the City of Columbiana	Objective FL.1: Improve the City of Columbiana's flood warning and information distribution to citizens Objective FL.2: Improve the City of Columbiana's 1 st responder capabilities to prepare for and respond to flood events. Objective FL.3: Improve the City of Columbiana's capability to prepare for, respond to and recover from flood events
High Wind Hazard Goal: Mitigate the impact of High Winds on the City of Columbiana	Objective HW.1: Improve the City of Columbiana's High Winds warning and information distribution to citizens Objective HW.2: Improve the City of Columbiana's 1 st responder capabilities to prepare for and respond to High Winds events. Objective HW.3: Improve the City of Columbiana's capability to prepare for, respond to and recover from High Winds events
Ice/Snow Hazard Goal: Mitigate the impact of Ice/Snow on the City of Columbiana	Objective IS.1: Improve the City of Columbiana's Ice/Snow warning and information distribution to citizens Objective IS.2: Improve the City of Columbiana's 1 st responder capabilities to prepare for and respond to Ice/Snow events. Objective IS.3: Improve the City of Columbiana's capability to prepare for, respond to and recover from Ice/Snow events
Pandemic Hazard Goal: Mitigate the impact of a Pandemic on the City of	Objective PD.1: Improve the City of Columbiana's Pandemic/Vector warning and information distribution to citizens Objective PD.2: Improve the City of Columbiana's 1 st responder capabilities to prepare for and respond to Pandemic/Vector events. Objective PD.3: Improve the City of Columbiana's capability to prepare for, respond to and recover from Pandemic/Vector events



<p>Wildfire Hazard Goal: Mitigate the impact of Wildfires on the City of Columbiana</p>	<p>Objective WF7.1: Improve the City of Columbiana’s Wild-land Fire warning and information distribution to citizens Objective WF.2: Improve the City of Columbiana’s 1st responder capabilities to prepare for and respond to Wild-land Fire events Objective WF.3: Improve the City of Columbiana’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 Columbiana</p>	<p>Objective HM.1: Improve the City of Columbiana’s Hazardous Materials spill or release warning and information distribution to citizens Objective HM.2: Improve the City of Columbiana’s 1st responder capabilities to prepare for and respond to Hazardous Materials spill/release events Objective HM.3: Improve the City of Columbiana’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 Columbiana</p>	<p>Objective ID.1: Improve the City of Columbiana’s Illegal Drug Laboratories warning and information distribution to citizens Objective ID.2: Improve the City of Columbiana’s 1st responder capabilities to prepare for and respond to Illegal Drug Laboratories Objective ID.3: Improve the City of Columbiana’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 Columbiana</p>	<p>Objective TR.1: Improve the City of Columbiana’s Domestic/International Terrorism warning and information distribution to citizens Objective TR.2: Improve the City of Columbiana’s 1st responder capabilities to prepare for and respond to Domestic/International Terrorism events Objective TR.3: Improve the City of Columbiana’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 Columbiana</p>	<p>Objective UF.1: Improve the City of Columbiana’s Urban Fire warning and information distribution to citizens Objective UF.2: Improve the City of Columbiana’s 1st responder capabilities to prepare for and respond to Urban Fire events Objective UF.3: Improve the City of Columbiana’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, Admistration, 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>dmistration, <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
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 citizens to develop emergency preparedness, response and recovery plans.	Fire Svc., City Govt	Local Funds	2,000 100,000	On Going	88
HW1b	Educate the public on High Wind weather preparedness, response and recovery	Fire Svc. NWS EMA	Local Funds	2,000 100,000	On Going	87

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW1c	Educate special needs/school/local populations on High Wind preparedness and response	Fire Svc. NWS EMA	Local Funds	2,000 100,000	On Going	87
HW1c	Distribute High Wind preparedness information to special needs/school/local populations	NWS Fire Svc. EMA	Local Funds	2,000 100,000	On Going	87
UF1a	Educate school/special needs/local populations on fire safety and response	Fire Svc. BOE	Grant Local Funds	5,000 100,000	On Going	85
UF1b	Educate school, special needs and the community population on fire extinguisher use	Fire Svc.	Local Funds	2,000 100,000	On Going	85
UF1c	Assist fire departments in obtaining fire prevention program materials	EMA Fire Svc.	Local Funds	2,000 100,000	On Going	85
AH1e	Distribute safe room/shelter in place information to schools/special needs/local populations	Fire Svc. Police Dept. BOE	Local Funds	2,000 100,000	On Going	84
UF3d	Develop fire plans for all major businesses and critical facilities	Fire Svc.	Local Funds	2,000 500,000	On Going	84
AH3b	Obtain and continually update 911 technology and capabilities	911, PD	Local Funds Grant	20,000 100,000	On Going	83
AH3y	Insure building code compliance Inspections are conducted on construction projects	City Govt	Local Funds	2,000 100,000	On Going	83
TR1b	Educate school/special needs/government officials on procedures to handle suspicious mail	BOE Police Dept	Local Funds	2,000 100,000	On Going	83
AH3x	Develop a community shelter program for mobile home parks	City Govt	Grant Local Funds	100,000 1,000,000	2011 2012	82
HW2a	Ensure Hurricane watch and warning procedures are in place to early alert 1 st responders	EMA, 1 st responders	Local Funds	2,000 100,000	On Going	82
UF3g	Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	City Govt Fire Svc.	Local Funds	2,000 100,000	On Going	82
AH1h	Develop a media warning program to warn the public of hazard event	City Govt	Local Funds	2,000 100,000	On Going	81
AH3r	Participate in NFIP's Cooperating Technical Partners Program (CTP)	City Govt	Local Funds	2,000 100,000	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	2,000 100,000	On Going	81
HM1d	Educate schools, special needs and local population on hazmat evacuation	Fire Svc. BOE	Local Funds	2,000 100,000	On Going	81
HW3a	Adopt/enforce comprehensive Building Code legislation	City Govt	Local Funds	2,000 100,000	On Going	81
PD2e	Exercise response to a pandemic event in conjunction with the medical community	EMA Fire Svc. Police Dept	HLS Grant Local Funds	25,000 100,000	2010 2011	81
PD3a	Participate in the national Pandemic surveillance program	City Govt	Local Funds	2,000 100,000	On Going	81
UF2c	Obtain/maintain fire fighting supplies at all fire departments	Fire Svc.	Grant Local Funds	50,000 150,000	2009 2010	81
AH3l	Assist schools in implementing an emergency phone line	City Govt BOE	Local Funds	2,000 100,000	On Going	80

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
FL2a	Obtain PPE for all personnel responding to flood events	Fire Svc.	Grant Local Funds	25,000 150,000	2010 2011	80
FL2b	Train all 1 st responders on repetitive flooding areas and structures	Fire Svc.	Grant Local Funds	10,000 100,000	2010 2011	80
FL3k	Obtain/install/maintain/monitor rainfall and stream gauges to predict local flooding	City Govt	Grant Local Funds	10,000 100,000	2010 2011	80
HM1c	Educate schools special needs, and local populations on chemical hazards in the area.	Fire Svc. BOE	Local Funds	2,000 100,000	On Going	80
TR1a	Educate school/special needs/local populations on recognizing potential terrorist events	BOE Police Dept	Local Funds	2,000 100,000	On Going	80
TR1c	Distribute terrorism awareness information to schools/local/government populations	Police Dept	Local Funds	2,000 100,000	On Going	80
TR1d	Educate school, special needs, officials and the local population on terrorism preparedness info.	BOE Police Dept	Local Funds	2,000 100,000	On Going	80
TR1e	Post terrorism and bomb identification information in buildings and schools	BOE Police Dept	Local Funds	2,000 100,000	On Going	80
TR1f	Identify/distribute to appropriate officials potential terrorism targets information	Police Dept	Local Funds	2,000 100,000	On Going	80
TR2a	Train terror response agencies on terrorist potential and city potential terrorism targets.	Police Dept	HLS Grant Local Funds	25,000 100,000	2009 2010	80
AH3a	Adopt the National Incident Management System (NIMS)	City Govt	Local Funds	2,000 100,000	2009 2010	79
AH3j	Maintain a supplier list of food, medicines, water and fuel vendors	City Govt	Local Funds	2,000 100,000	On Going	79
AH3u	Ensure all mutual aid shelter, response, mass casualty and recovery agreements are current	City Govt ADPH ADHR EMA	Local Funds	2,000 100,000	On Going	79
IL1a	Educate school and local populations on Meth Lab awareness	BOE Police Dept	Local Funds	2,000 100,000	On Going	79
PD1c	Develop/distribute Pandemic preparedness information to limited English speaking residents	ADPH City Govt	Local Funds	5,000 100,000	On Going	79
TR3e	Support State Homeland Security strategies to counter terrorism	City Govt	Local Funds	2,000 100,000	On Going	79
TR3e1	Join and/or continue to participate in the Joint Terrorism Task Force.	Police Dept	Local Funds	2,000 100,000	On Going	79
TR3k	Assist schools to develop terrorism preparedness and response plans	Police Dept BOE	Local Funds	2,000 100,000	On Going	79
TR3m	Encourage special needs facilities to implement a security system	Police Dept	Local Funds	2,000 100,000	On Going	79
TR3o	Develop evacuation plans for identified terrorism targets	Police Dept Fire Svc.	Local Funds	2,000 100,000	On Going	79
UF3c	Encourage fire inspections to be regularly conducted at businesses and industry	Fire Svc.	Local Funds	2,000 500,000	On Going	79
AH1b	Schedule regular maintenance and testing of hazard warning units (Monthly Testing)	Fire Dept	Local Funds	12,000 200,000	On Going	78
AH3s2	Develop strategies to prevent loss of public records	City Govt	Local Funds	12,000 100,000	On Going	78

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3t	Annually review and update hazard related legislation	City Govt	Local Funds	2,000 100,000	On Going	78
HM1g	Establish school hazard materials environmental impact programs	Fire Svc. BOE	Local Funds	2,000 100,000	On Going	78
IL3a	Join/participate in local state and federal drug task forces	Police Dept	HLS Grant Local Funds	1,000 100,000	2009 2010	78
PD1e	Assist schools in developing an infectious disease surveillance program	ADPH BOE	Local Funds	2,000 100,000	On Going	78
UF3b	Ensure that fire codes are rigidly enforced with citations issued for violations.	Fire Svc. Police Dept	Local Funds	2,000 500,000	On Going	78
WF1b	Educate business/school/local population on the causes of wild land fires	AFC Fire Svc.	Local Funds	2,000 100,000	On Going	78
WF1c	Educate school/business/local populations on preparedness for and response to a Wildland fire	AFC Fire Svc. BOE	Local Funds	2,000 100,000	On Going	78
WF1f	Publish outdoor burn ban info in area newspapers during Wildland fire seasons.	City Govt	Local Funds	2,000 100,000	On Going	78
FL3a	Participate in the National Flood Insurance Program (NFIP)	City Govt	Local Funds	2,000 100,000	On Going	77
FL3h	Request a study of the feasibility of flood control measures along the Coosa Rivers.	City Govt	Grant Local Funds	25,000 150,000	2011 2012	77
HM3b	Maintain and annually update an inventory of hazmat sites.	Fire Svc. EMA LEPC	Local Funds	2,000 100,000	On Going	77
HM3i	Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	Fire Svc. EMA LEPC	Local Funds	2,000 100,000	On Going	77
PD1a	Educate special needs/school/local populations on preparedness and self care for a Pandemic	ADPH City Govt	Local Funds	2,000 100,000	On Going	77
AH2c	Train 1 st responders in search and rescue techniques	Police Dept Fire Svc.	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 Police Dept	Local Funds	2,000 100,000	On Going	76
AH3p	Develop/implement/maintain the jurisdictions Mitigation Action Plan	City Govt Fire Svc. Police	Grant Local Funds	5,000 150,000	On Going	76
AH3s1	Assist businesses to develop Business Continuity Plans	City Govt	Local Funds	2,000 100,000	On Going	76
FL3h	Educate developers on Watershed, Floodplain and wetland development restrictions	City Govt	Local Funds	2,000 100,000	On Going	76
HM3h	Maintain a current list of Hazardous Materials spill clean up companies available to the city	Fire Svc. LEPC EMA	Local Funds	2,000 100,000	On Going	76
HW2c	Train 1 st responders to respond to High Wind events	Fire Svc. Police Dept	Grant Local Funds	25,000 100,000	2009 2010	76
PD2c	Develop a list of 1 st responders for early infectious disease vaccination	City Govt	Local Funds	2,000 100,000	2009 2010	76
UF2a	Obtain fire PPE for all personnel responding to fire incidents	Fire Svc.	Grant Local Funds	85,000 200,000	2009 2010	76
UF2d	Train all fire responders in fire combat techniques annually	Fire Svc.	Grant Local Funds	5,000 200,000	2009 2010	76



**City of Columbiana
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
UF3a	Ensure that NFPA standards and codes are followed.	City Govt Fire Svc.	Local Funds	2,000 100,000	On Going	76
UF3j	Adopt/enforce legislation to restrict the disposal of flammable liquids and other hazardous materials	City Govt	Local Funds	2,000 100,000	On Going	76
FL1a	Distribute flood awareness/preparedness info to schools/special needs/local populations	Fire Svc.	Local Funds	2,000 100,000	On Going	75
HM3h	Enforce preplanning requirements for Extremely Hazardous Substances (EHS)	City Govt Fire Svc. LEPC	Local Funds	2,000 100,000	On Going	75
WF1d	Develop a plan to distribute wildfire awareness and prevention information	AFC Fire Svc.	Local Funds	2,000 100,000	On Going	75
WF1e	Work with the DNR to distribute USFS fuels reduction information (Firewise.)	AFC Fire Svc.	Local Funds	2,000 100,000	On Going	75
WF3g	Maintain contact with the Forestry office that issues daily "fire potential" reports	AFC Fire Svc.	Local Funds	2,000 100,000	On Going	75
AH2b	Evaluate/maintain 1st responders emergency kits annually	Fire Svc.	Local Funds	5,000 50,000	On Going	74
AH2g	Train 1 st responders and officials on the National Incident Management System (NIMS)	City Govt Police Dept Fire Svc.	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, Fire Svc Police Dept	Local Funds	5,000 100,000	2009 2010	74
AH2i	Train 1 st responders/officials in performing damage assessments.	City Govt Fire Svc. EMA	Local Funds	5,000 100,000	On Going	74
AH3d	Obtain additional Emergency Operations Center equipment and crisis management software	EMA City Govt	Grant Local Funds	5,000 100,000	2010 2011	74
AH3k	Obtain disaster supply kits for schools/special needs facilities	City Govt Fire Svc. BOE	Grant Local Funds	15,000 150,000	2010 2011	74
HW1a	Obtain NOAA weather radios for schools, government and special needs facilities	Fire Svc. BOE	Grant Local Funds	30,000 200,000	2010 2011	74
HW2b	Obtain 1 st responder PPE and supplies for High Wind response	Fire Svc. City Govt	Local funds Grant	50,000 150,000	2010 2011	74
HW3d	Develop a debris clearance program that can be utilized citywide	City Govt EMA Co Engr	Grant Local Funds	10,000 100,000	2009 2010	74
IS3d	Establish snow and ice removal methods	Fire Svc. City Govt	Local Funds	2,000 100,000	On Going	74
PD3h	Adopt/enforce Pandemic Flu legislation to cancel large public and private events	City Govt	Local Funds	2,000 100,000	On Going	74
UF2h	Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	Fire Svc.	Grant Local Funds	15,000 100,000	On Going	74
WF2g	Identify Private 1 st responders and contractors to assist in Wildland fire response	Fire Svc.	Local Funds	2,000 100,000	On Going	74
AH1d	Obtain backup power systems for audible warning devices	City Govt	Grant	50,000 500,000	2010 2011	73
AH2a	Obtain/distribute interoperable radios for all 1 st responders	Fire Svc.	Grant Local Funds	50,000 200,000	2011 2012	73
AH2e	Train 1 st responders on responding to mass casualty events	Fire Svc. Police Dept	DHL Grants Local funds	5,000 100,000	2009 2010	73



**City of Columbiana
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3b1	Develop redundancy capabilities for 911 services and equipment	911, PD	Local Funds Grants	52,000 300,000	On Going	73
FL3d	Participate in the NFIP Community Rating System	City Govt	Local Funds	2,000 100,000	2010 2011	73
HM2d	Fund hazmat response training for all 1 st responders	Fire Svc. City Govt	Grant Local funds	25,000 150,000	2010 2011	73
HW2d	Exercise a High Wind event with 1 st responders at least annually	City Govt Fire Svc. Police	Local Funds	2,000 100,000	2010 2011	73
UF2b	Train firefighters to obtain for state and national certifications	Fire Svc.	Grant Local Funds	30,000 100,000	2009 2010	73
UF3e	Adopt/enforce sprinkler and smoke alarm legislation for commercial/special needs facilities	City Govt Fire Svc.	Local Funds	2,000 200,000	On Going	73
WF1a	Educate school/local/business populations on wildfire fuels reduction	AFC Fire Svc.	Local Funds	2,000 100,000	On Going	73
AH1c	Obtain and/or expand warning sirens to for all uncovered areas (3 locations)	City Govt	Grant Local Funds	60,000 500,000	2010 2011	72
AH1g	Obtain/install an automated wide area rapid notification system.	City Govt	Grant Local Funds	100,000 500,000	2010 2011	72
AH3e1	Assist nongovernmental critical facilities to obtain emergency generators/pigtails	City Govt	Grant Local Funds	50,000 200,000	2011 2012	72
AH3o1	Obtain signage to direct the public evacuation during hazard events	City Govt Fire Svc. Police	Grant Local Funds	10,000 100,000	2010 2011	72
FL3l	Identify alternative access points for single access neighborhoods	City Govt	Local Funds	2,000 100,000	On Going	72
FL3m	Acquire signage to indicate water depth at flooding points	City Govt Fire Svc.	Grant Local Funds	10,000 150,000	2010 2011	72
HM2a	Obtain PPE for all personnel responding to hazmat incidents	Fire Svc. City Govt	Grant Local Funds	100,000 200,000	2010 2011	72
HW1g	Train citizens in weather observation in conjunction with the National Weather Service	NWS Fire Svc. EMA	Local Funds	2,000 100,000	On Going	72
UF3i	Adopt/enforce housing code legislation to limit number of citizens in substandard housing	City Govt	Local Funds	2,000 100,000	On Going	72
UF3k	Obtain smoke detectors and provide free to residents in need.	City Govt Fire Svc.	Grant Local Funds	10,000 100,000	2010 2011	72
AH3b2	Develop redundancy capabilities for emergency radio communications	1 st responder Depts	Local Funds Grants	20,000 100,000	On Going	71
FL3a5	Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	City Govt	Local Funds	12,000 100,000	On Going	71
HM1a	Educate school/special needs/local populations on hazardous materials preparedness/response	Fire Svc. BOE	Local Funds	2,000 100,000	On Going	71
HW1g	Develop a plan to provide weather radios to low income residents	City Govt Fire Svc.	Grant Local Funds	10,000 100,000	2009 2010	71
IL2b	Train 1 st responders in Methamphetamine Lab chemicals	Police Dept	HLS Grant Local Funds	25,000 100,000	2009 2010	71
IL2c	Provide Meth Lab training to all personnel responding to Meth Labs	Police Dept	HLS Grant Local funds	10,000 100,000	2009 2010	71



**City of Columbiana
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
PD3i	Maintain contact with state and federal agencies regarding biological and disease threats.	ADPH Police Dept	Local Funds	2,000 100,000	On Going	71
WF3i	Adopt/enforce wildfire legislation that includes burning bans	City Govt Fire Svc.	Local Funds	2,000 100,000	On Going	71
AH2d	Exercise 1 st responder and hospital Mass Casualty plans regularly.	Fire Svc. Police Dept	Local Funds	10,000 100,000	2009 2010	70
AH3i1	Evaluate shelter requirements annually & add necessary shelters	ARC City Govt EMA ADPH	Local Funds Grants	2,000 1,000,000	On Going	70
FL3c3	Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	City Govt	Local Funds	2,000 500,000	On Going	70
FL3f	Identify roadways, culverts and bridges damaged by flooding	City Govt	Local Funds	2,000 100,000	On Going	70
FL3g	Update City Land Use Plan to identify areas where development should be restrictive	City Govt	Local Funds	2,000 100,000	On Going	70
HM3b	Develop evacuation perimeters and routes for high risk hazmat sites	Fire Svc. Police Dept LEPC	Local Funds	2,000 100,000	On Going	70
HM3j	Adopt/enforce hazardous materials site building setback legislation	City Govt	Local Funds	2,000 100,000	On Going	70
FL3a4	Educate developers, builders and the public on the location of NFIP designated flood plains	City Govt	Local Funds	2,000 100,000	On Going	69
FL3f3	Obtain/Install barriers to block flooding roadways and bridges (Barricades, cones)	Fire Svc. Police Dept	Grant Local Funds	15,000 150,000	2010 2011	69
IL2a	Obtain PPE for all personnel that respond to Meth Labs	Police Dept EMA	HLS Grant Local Funds	75,000 200,000	2009 2010	69
TR2e	Obtain terrorism PPE for personnel responding to terrorism incidents	EMA Police Dept Fire Svc.	Grants Local Funds	50,000 150,000	2009 2010	69
TR2f	Obtain terrorism response and control equipment and supplies	EMA Police Dept Fire Svc.	HLS Grant Local Funds	25,000 100,000	2009 2010	69
TR2i	Obtain CBRNE detection devices and train 1 st responders on use	Fire Svc. EMA	HLS Grant Local Funds	50,000 150,000	2009 2010	69
AH3s	Obtain funds for critical government departments to develop Continuity of Operations Plans	City Govt	Grant Local Funds	25,000 300,000	On Going	68
Hm3e	Obtain hazmat containment equipment for water, roads/railroads	Fire Svc. EMA	Grant Local Funds	75,000 200,000	2010 2011	68
PD2a	Obtain infectious disease PPE for all personnel responding to a pandemic	ADPH City Govt	Grant Local Funds	25,000 150,000	2010 2011	68
PD2a	Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	ADPH City Govt	Grant Local Funds	25,000 150,000	2010 2011	68
PD3c	Develop a traffic flow and security plan for medical dispensing sites	Police Dept ADPH	Local Funds	2,000 100,000	2009 2010	68
TR2b	Train all terrorism 1 st responders in terrorism attack techniques	Fire Svc. Police Dept	HLS Grant Local Funds	25,000 100,000	2009 2010	68
TR2c	Train 1st responders and agencies on CBRNE response	Fire Svc. Police Dept	Local Funds	5,000 100,000	2009 2010	68
TR2g	Train all appropriate 1 st responders in CBRNE agents	Police Dept Fire Svc.	HLS Funds Local Funds	10,000 100,000	2009 2010	68



**City of Columbiana
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
UF1d	Obtain a fire education-training trailer for the jurisdiction.	Fire Svc.	Grant Local Funds	100,000 200,000	2010 2011	68
UF3f	Obtain fire equipment to combat fires where water hydrants are nonexistent	Fire Svc.	Grant Local Funds	200,000 1,000,000	2009 2010	68
WF2c	Train fire 1 st responders in Wildland fire response techniques	Fire Svc. AFC	Local Funds	2,000 100,000	2009 2010	68
FL3a1	Adopt/enforce an NFIP flood plain management plan	City Govt	Local Funds	2,000 150,000	On Going	67
FL3a2	Adopt/enforce floodplain legislation to require structures be built above the NFIP BSE	City Govt	Local Funds	2,000 400,000	On Going	67
HM2e	Maintain an inventory of Mark I packs to respond to chemical agents	Fire Svc.	Grant Local Funds	30,000 100,000	On Going	67
HM2f	Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	Fire Svc. Police Dept EMA	Grant HLS Local Funds	10,000 100,000	2009 2010	67
HM3d	Obtain monitoring equipment for high risk hazmat sites	Fire Svc. EMA	Grant Local Funds	50,000 150,000	2010 2011	67
HW3e	Obtain funding to build mobile home community storm shelters	City Govt EMA	Grant Local Funds	250,000 500,000	2010 2011	67
WF2e	Obtain DNR compatible radios for interoperable communications.	City Govt Fire Svc.	Grant Local funds	30,000 300,000	2009 2010	67
AH3e	Obtain/install emergency generators or "pigtaills" for critical government facilities and fuel depots. (City Hall, FS# 1, Pump Station)	City Govt Fire Svc. Police Dept	Grant Local Funds	100,000 500,000	2010 2011	66
PD2b	Train Pandemic event 1 st responders on preparedness and response actions	ADPH Fire Svc.	Local Funds	20,000 100,000	On Going	66
TR2j	Exercise a potential terrorism event with 1 st responders at least annually	Police Dept Fire Svc. EMA	Local Funds	12,000 100,000	2009 2010	66
UF3h	Acquire and install six inch water mains/hydrants city wide	City Govt	Grant Local Funds	500,000 1,000,000	2011 2012	66
FL3a3	Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	City Govt	Local Funds	2,000 100,000	On Going	64
FL3f	Develop a storm water management plan for the jurisdiction	City Govt	Grant Local Funds	10,000 150,000	2010 2011	64
WF2f	Exercise fire response regularly for residences, businesses and industry	Fire Svc.	Local Funds	2,000 100,000	On Going	64
FL3e	Adopt/enforce land use flood plain wetlands and watershed zoning	City Govt	Local Funds	2,000 300,000	On Going	63
FL3g	Adopt/enforce storm water legislation to reduce runoff from developments.	City Govt	Local Funds	2,000 100,000	On Going	63
Hm2b	Obtain hazmat detecting equipment for 1 st responders	Fire Svc. City Govt	Grant, Local funds	50,000 150,000	2009 2010	63
HM3c	Develop/maintain a citywide hazard materials response plan	Fire Svc. EMA LEPC	Grant Local Funds	5,000 100,000	2009 2010	63
TR2d	Establish and equip a CBRNE team to respond to incidents in the city	Fire Svc. Police Dept	Grants Local Funds	20,000 150,000	2010 2011	63

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
WF2b	Obtain specialized equipment to combat Wildland fires.	Fire Svc.	Grant Local funds	10,000 200,000	2009 2010	63
FL3i	Obtain equipment to build water flow and water retention areas to mitigate flooding	City Govt	Grant Local Funds	100,000 500,000	2010 2011	61
PD2d	Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	City Govt ADPH EMA	Grant Local Funds	30,000 150,000	2009 2010	61
PD3d	Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	ADPH EMA City Govt	Local Funds	12,000 100,000	2009 2010	61
HM3a	Create a GIS Maps of hazmat sites to display ERG established zones	Fire Svc. Police Dept	Grant Local Funds	10,000 100,000	2010 2011	60
FL3f1	Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	City Govt	Grant Local Funds	200,000 500,000	2010 2014	59
FL3f2	Obtain equipment to mitigate bridge, culverts, and roadway flooding	City Govt	Grant Local Funds	50,000 200,000	2010 2014	59
HM2g	Acquire and equip a hazardous materials response vehicle	Fire Svc. EMA	HLS Grant Local funds	100,000 200,000	2011 2012	58
HW3g	Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	City Govt	Local Funds	2,000 100,000	On Going	57
HW3h	Adopt/enforce legislation to control construction standards of mobile homes moved into the city.	City Govt	Local Funds	2,000 100,000	On Going	56

“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	6	4	2	2	2	2	2	3	2	3	78
Obtain and/or expand warning sirens to for all uncovered areas (3 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	4	2	2	2	1	2	2	3	3	3	73



**City of Columbiana
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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	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	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	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	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	68
Assist businesses to develop Business Continuity Plans	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	76
Develop strategies to prevent loss of public records	2	3	2	9	2	2	3	3	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	3	78
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	3	3	78
Ensure 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	3	3	79
Develop a community shelter program for mobile home parks	2	6	4	9	2	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	3	82
Insure building code compliance Inspections are conducted on construction projects	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	83
Distribute flood awareness/preparedness info to schools/special needs/local populations	2	6	6	5	3	3	3	1	2	1	2	2	2	3	3	3	4	4	3	3	2	3	3	3	3	3	75
Obtain PPE for all personnel responding to flood 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	80
Train all 1 st responders on repetitive flooding areas and structures	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	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	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	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	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	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



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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	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	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	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 (Barricades, cones)	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 Rivers.	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	
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	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	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	3	72	
Educate school/special needs/local populations on hazardous materials preparedness/response	2	6	2	6	3	2	3	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	3	71	
Educate the public on common hazardous materials in home	3	6	2	6	3	2	3	2	3	2	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	81	
Educate schools special needs, and local populations on chemical hazards in the area.	2	6	2	6	3	2	3	2	3	2	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	80	
Educate schools, special needs and local population on hazmat evacuation	3	6	2	6	3	2	3	2	3	2	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	81	
Establish school hazard materials environmental impact programs	3	6	0	6	3	2	3	2	3	2	2	3	3	3	3	3	6	6	1	3	3	3	3	3	3	3	78	
Obtain PPE for all personnel responding to hazmat incidents	2	6	2	6	3	2	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	72	
Obtain hazmat detecting equipment for 1 st responders	1	3	2	6	3	2	3	2	1	1	2	2	2	3	3	3	4	4	2	1	3	3	2	2	2	3	63	
Fund hazmat response training for all 1 st responders	2	6	2	6	3	2	3	2	2	2	3	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	73	
Maintain an inventory of Mark I packs to respond to chemical agents	2	3	0	6	3	2	3	1	2	2	3	2	2	3	3	3	4	4	1	3	3	3	3	3	3	3	67	
Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	2	6	2	6	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	2	3	67	



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Acquire and equip a hazardous materials response vehicle	2	3	2	6	3	3	3	2	1	1	1	1	1	3	3	3	2	2	1	3	3	2	2	3	58
Create a GIS Maps of hazmat sites to display ERG established zones	2	0	0	6	3	2	3	2	2	1	1	2	2	3	3	3	2	4	2	2	3	3	3	3	60
Develop evacuation perimeters and routes for high risk hazmat sites	2	0	0	6	3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	70
Maintain and annually update an inventory of hazmat sites.	2	6	4	6	3	2	3	2	3	2	2	2	2	3	3	3	6	4	2	2	3	3	3	3	77
Develop/maintain a citywide hazard materials response plan	1	6	2	6	3	3	2	3	1	1	1	1	2	3	3	3	4	2	2	1	3	3	2	2	63
Obtain monitoring equipment for high risk hazmat sites	2	6	4	6	3	3	2	2	1	2	1	1	2	3	3	2	4	2	2	1	3	3	3	3	67
Obtain hazmat containment equipment for water, roads/railroads	2	3	4	6	3	3	3	2	2	2	2	2	2	3	3	3	4	1	2	1	3	3	3	3	68
Enforce preplanning requirements for Extremely Hazardous Substances (EHS)	2	6	2	6	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	75
Maintain a current list of Hazardous Materials spill clean up companies available to the city	2	0	2	6	3	2	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	76
Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	2	6	2	6	3	2	3	1	3	2	3	3	3	3	3	3	4	6	3	3	3	3	2	2	77
Adopt/enforce hazardous materials site building setback legislation	1	6	2	6	3	3	2	1	2	1	2	1	1	3	3	2	4	6	3	3	3	3	3	3	70
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	3	4	4	2	2	3	3	3	74
Educate the public on High Wind weather preparedness, response and recovery	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	3	6	6	3	3	3	3	3	3	87
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	87
Distribute High Wind preparedness information to special needs/school/local populations	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	3	6	6	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	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	72
Ensure Hurricane watch and warning procedures are in place to early alert 1 st responders	2	6	6	8	3	3	3	2	3	2	2	2	2	3	3	3	4	4	4	2	3	3	3	3	82
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	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	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	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	81
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	74



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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		3	3	3	1	3	1	2	3	2	3	3	2	4	4	2	3	3	3	3	3	3	3	57
Adopt/enforce legislation to control construction standards of mobile homes moved into the city.	2	6	2		3	3	3	1	3	1	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	3	56
Educate school and local populations on Meth Lab awareness	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	3	79
Obtain PPE for all personnel that respond to Meth Labs	2	6	0	3	3	2	3	1	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	69
Train 1 st responders in Methamphetamine Lab chemicals	3	6	0	3	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Provide Meth Lab training to all personnel responding to Meth Labs	3	6	0	3	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Join/participate in local state and federal drug task forces	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	78
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 special needs/school/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
Assist schools in developing an infectious disease surveillance program	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
Obtain infectious disease PPE for all personnel responding to a pandemic	2	6	0	5	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	68
Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	2	6	0	5	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	68
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



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Work with the DNR to distribute USFS fuels reduction information (Firewise.)	3	6	2	2	3	2	3	2	3	2	3	2	3	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	75	
Publish outdoor burn ban info in area newspapers during Wildland fire seasons.	3	6	2	2	3	2	3	2	3	2	3	2	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	78
Obtain specialized equipment to combat Wildland fires.	2	6	2	2	3	3	2	3	1	1	1	1	2	3	3	3	3	4	2	3	1	3	3	3	3	3	3	3	63	
Train fire 1 st responders in Wildland fire response techniques	2	6	2	2	3	2	3	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	68	
Obtain DNR compatible radios for interoperable communications.	2	6	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	67	
Exercise fire response regularly for residences, businesses and industry	2	6	2	2	3	2	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	2	3	64		
Identify Private 1 st responders and contractors to assist in Wildland fire response	2	3	2	2	3	1	3	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	3	74	
Maintain contact with the Forestry office that issues daily "fire potential" reports	3	3	2	2	3	2	3	2	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	3	75	
Adopt/enforce wildfire legislation that includes burning bans	2	6	2	2	3	3	2	1	3	1	3	3	2	3	3	2	4	6	2	3	3	3	3	3	3	3	3	3	71	