

**CITY OF PELHAM
INDIVIDUAL MITIGATION
ACTION PLAN**



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

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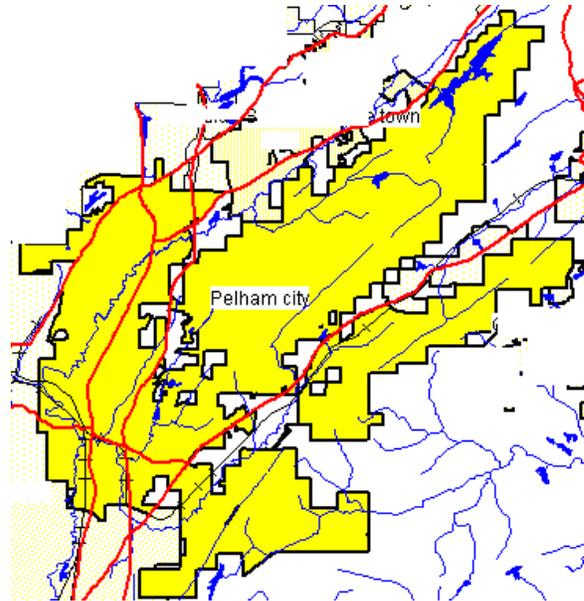
CITY OF PELHAM MITIGATION ACTION PLAN

Geography/History

Pelham is located at 33°18'16"N 86°47'5"W / 33.30444°N 86.78472°W / 33.30444, -86.78472 (33.304581, -86.784620)[1]. According to the U.S. Census Bureau, the city has a total area of 38.3 square miles (99.3 km²), of which, 38.0 square miles (98.4 km²) of it is land and 0.3 square miles (0.9 km²) of it (0.89%) is water

Three months after Shelby County was formed, county court was established in what is today the City of Pelham. At that time the settlement was called Shelbyville and some historians have referred to it as Middleton (supposedly because it was near the middle of what was considered Shelby County at that time). In 1820, the first courthouse was built in Shelbyville. This structure was intended to be only a temporary court and in 1826, the courthouse was moved to Columbiana.

Sometime after the Civil War the settlement of Shelbyville was renamed Pelham in honor of Major John Pelham. Major Pelham, a Civil War hero, fought in more than 60 battles. His greatest battle was at Fredericksburg where he confused a federal army of 120,000 men with his brilliant one-gun barrage from their flank. His contribution to the Confederate victory that day was major and General Robert E. Lee cited the part played by "the gallant Pelham" in his official report. Major Pelham was killed at the Battle of Kelly's Ford in 1863. He was promoted to Lt. Colonel after his death. According to his biographers, John Pelham "was among the most illustrious of Alabama's sons that supported the Confederate cause."



The first city hall was located in the old Pelham school, a wooden building built by the WPA. In 1975, this building was demolished and the present city hall was built on the site. The City of Pelham was incorporated on July 10, 1964 with a population of 654.

Special Characteristics

Oak Mountain State Park, the largest state park in Alabama, is in Pelham's backyard. Scenic hiking trails, horseback riding, a petting farm for youngsters, fishing, boating and golf are just a few of the activities offered at this beautiful park located on 10,000 acres. The Oak Mountain Amphitheater schedules concerts May – September.

The Pelham city park offers a wonderful playground for children, a walking track and picnic areas. The Pelham Civic Complex provides ice-skating and tennis. Ballantrae Golf Club opened June 1, 2004 with eighteen beautiful holes, designed by Bob Cupp.



Population and Demographics

The population of Pelham has exploded over the last several decades. When the City of Pelham incorporated in 1964, the population was 654 persons and growth was modest throughout the rest of the 1960's despite a 42 percent change or 277 additional persons by 1970. The 1970's ushered in an era of unprecedented growth in Pelham, mirroring the national trend of suburbs experiencing tremendous growth over the last half century located on the fringe of major metropolitan areas. From 1970 to 1980, Pelham's population grew from 931 to 6,759 persons representing a huge increase of 626 percent. This trend continued in the 1980's with Pelham experiencing a population increase of nearly 45 percent or 9,765 persons. During the 1990's, Pelham's population increased by 4,604 persons or 47 percent to 14,369 as reported in the 2000 Census.

Year	1964	1970	1980	1990	2000	2006
Population	654	931	6,759	9,675	14,369	20,120

Source: US Bureau of the Census, SF1, 2003 City of Pelham Comprehensive Plan

The City of Pelham is expected to continue its historical trend of population growth over the next 25 years. The RPCGB projects Pelham to have a population of 21,448 by the 2010 Census, 28,527 by the 2020 Census and 32,067 in 2025.

Characteristics	1980	1990	2000	2005	2010	2015	2020	2025
Total Population	6,759	9,765	14,369	17,909	21,448	24,988	28,527	32,067
White	6,597	9,399	12,935	16,121	19,308	22,494	25,680	28,867
Nonwhite	162	366	1,434	1,787	2,140	2,494	2,847	3,200
0 To 9 Years	1,231	1,612	2,198	2,718	3,238	3,757	4,277	4,797
10 To 19 Years	1,193	1,336	1,776	2,188	2,600	3,012	3,423	3,835
20 To 29 Years	1,276	1,436	1,983	2,405	2,828	3,250	3,672	4,094
30 To 39 Years	1,469	2,056	2,661	3,213	3,765	4,317	4,869	5,421
40 To 49 Years	727	1,614	2,334	2,878	3,421	3,965	4,508	5,052
50 To 64 Years	593	1,139	2,185	2,857	3,529	4,201	4,873	5,545
65 Years And Over	270	572	1,232	1,650	2,068	2,487	2,905	3,323

Source: US Bureau of the Census, SF1, 2003 City of Pelham Comprehensive Plan

According to the 2000 Census, whites represent approximately 90 percent of the population in Pelham. The largest segment of the nonwhite population consists of Hispanics with 923 in 2000 compared to just 71 in 1990.

Ethnic Makeup	Number	Percent	U.S.
One race	14,203	98.8	97.6%
White	12,935	90.0	75.1%
Black or African American	571	4.0	12.3%
American Indian and Alaska Native	51	0.4	0.9%
Asian	241	1.7	3.6%
Native Hawaiian and Other Pacific Islander	0	0.0	0.1%
Some other race	405	2.8	5.5%
Two or more races	166	1.2	2.4%
Hispanic or Latino (of any race)	923	6.4	12.5%

Source: US Bureau of the Census, SF1, 2003 City of Pelham Comprehensive Plan



Economy

According to the 2000 Census, the median family income in Pelham is \$63,994. The high median income indicates a wealthy city population. The largest majority of families (1,205) in Pelham fall within the \$50,000 to \$74,999 income range. Nearly 750 families in Pelham have an income over \$100,000, with 70 families earning in excess of \$200,000. Approximately 375 families have an income under \$25,000.

INCOME	TOTAL FAMILIES
Less than \$10,000	91
\$10,000 to \$14,999	101
\$15,000 to \$24,999	181
\$25,000 to \$34,999	365
\$35,000 to \$49,999	646
\$50,000 to \$74,999	1205
\$75,000 to \$99,999	694
\$100,000 to \$149,999	610
\$150,000 to \$199,999	67
\$200,000 or more	70
Median Family Income	\$63,994
Source: City of Pelham Comprehensive Plan	

Comparative employment by occupation in Pelham and Shelby County are even at 42.9 percent of their labor force being in management, professional and related occupations, and they are both ahead of the Birmingham MSA at 34.4 percent and the State of Alabama at 29.5 percent.

Labor Force Distribution	Pelham		Birmingham MSA	Shelby County	Alabama
	Total	% Of Total	% Of Total	% Of Total	% Of total
Management, professional, and related occupations	3,336	42.9%	34.4%	42.9%	29.5%
Service occupations	854	11.0%	12.7%	9.5%	13.5%
Sales and office occupations	2,207	28.4%	29.8%	28.8%	25.9%
Farming, fishing, and forestry occupations	19	0.2%	0.2%	0.3%	0.8%
Construction, extraction, and maintenance occupations	685	8.8%	9.9%	9.7%	11.3%
Production, transportation, and material moving occupations	680	8.7%	12.9%	8.9%	19.0%
TOTAL	7,781	100%	100%	100%	100%
Source: US Bureau of the Census, SF3, 2003 City of Pelham Comprehensive Plan					

Single-family new house construction building permits in Pelham Include:

- 2000: 393 buildings, average cost: \$132,800
- 2001: 435 buildings, average cost: \$131,400
- 2002: 344 buildings, average cost: \$119,800
- 2003: 296 buildings, average cost: \$151,900
- 2004: 411 buildings, average cost: \$162,500
- 2005: 292 buildings, average cost: \$209,600



- 2006: 315 buildings, average cost: \$196,300
- 2007: 258 buildings, average cost: \$174,400

Water Characteristics in Pelham include Streams: Peavine Branch, Peavine Creek, Johnson Brook, Brown Branch, Beech Branch, Cahaba Valley Creek, Lee Branch, Hogpen Creek and Big Sucker Brook

The City of Pelham enjoys a thriving economy. Pelham is a pro-growth community that has welcomed commercial developments over the years because a solid tax base enables the City to provide essential city services such as police and fire protection. The economic vitality of a community relies on the ability to attract and maintain business and industry. The existing businesses and industries in Pelham create a substantial amount of professional and service sector jobs. Since 1990, the city budget has increased from \$2.5 million to over \$33 million in Fiscal Year 2008. Projected revenues for Fiscal Year 2008 are over \$38.6 million.

Infrastructure

The City of Pelham operates under the Mayor/Council Act. The Mayor serves as the city's chief executive and the City Council much like a board of directors. The city also has a chief of police, fire chief, building inspector, permits clerk, city clerk, revenue director, parks manager, waterworks superintendent, librarian, and departments thereof

All schools located in the City of Pelham are under the jurisdiction of the Shelby County school system. Shelby County is recognized for its award winning schools.

Category	Pelham High School	Riverchase Middle School	Valley Intermediate School	Valley Elementary School
Grades Taught	9-12	6-8	3-5	K-2
# Of Students	1,027	917	531	573
<i>Source: Shelby County Board of Education, 2002.</i>				

Pelham has an excellent transportation system that includes Interstate 65, U.S. Highway 31, State Highway 119, State Highway 261 and County Roads 33, 52, and 11.

Pelham has access to other modes of transportation, such as air, rail and water, located within the Birmingham metropolitan area. Passenger and cargo services are available at the Birmingham International Airport located approximately 20 miles from Pelham. Also, local, regional and air courier service is available at the Bessemer Airport and the Shelby County Airport.

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 Pelham Legal And Regulatory Capability



**City of Pelham
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	International Building Code	2004	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		2003	Y	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	2003	N	N	Y	Y
Flood Management, Plan	Resolution	2001	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	2002		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	1987	Y	N	N	Y
Subdivision Regulations	Zoning Ordinance	1987	Y	N	N	Y
Wildfire Ordinance				N	N	N
Zoning Ordinances	Ordinance	2007	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 Pelham 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 Pelham
All Hazards Mitigation Action Plan**

Agriculture Resource	Agent	County Extension Svc.	S1	S1	S1
Building Inspector	Professional	Zoning and Inspections	23	23	23
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	79	79	79
Fire Personnel	Professional(s)	Fire Dept.	79	79	79
Floodplain Manager	Engineer(s)	Engineering/Public Works	C1	C1	C1
GIS Specialist	Professional(s)	Property Assessor/IT	1	1	1
Government Elected	Elected Officials	Mayor/Commission	6	6	6
Government Administration	Employees	Jurisdiction	9	9	9
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	79	79	79
Information Systems	Certified Professional	IT department	6	6	6
Land Use/Management	Engineer(s)/Planners	State/Local Planning	10	10	10
Law Enforcement	Sheriff, Police, Trooper	Sheriff/Police Department	72	66	811
Medical Practioners	Professional(s)	Medical Facilities	54	54	54
Public Works	Directors/Engineers	Public Works	18	18	18
Public Communication	911 specialists	E-911	C15	C15	C15
Public Utilities	Professionals	Public Utilities	9	9	9
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 Pelham 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			N
	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			Y
	Repetitive Flood Claims Grants (RFC)	X			N
	Severe Repetitive Loss Grants (SRL)	X			N
	Private foundation grants	X			N
Private business/industry grants	X			N	
Debt Procurement	Incur debt through special tax/revenue bonds			X	N



Dept Procurement	Incur debt through private activity bonds			X	N
Impact Fees	Developer fees for new developments	X			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	X			Y
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 Pelham. The following goal statements represent a broad target for City of Pelham 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 City of Pelham	Objective AH.1: Improve City of Pelham's information distribution and warning capabilities for all hazards to citizens Objective AH.2: Improve City of Pelham's 1 st responder capabilities to prepare for and respond to all hazards Objective AH.3: Improve City of Pelham's capability to prepare for, respond to and recover from all hazards
Flooding Hazard Goal: Mitigate the impact of flooding on City of Pelham	Objective FL.1: Improve City of Pelham's flood warning and information distribution to citizens Objective FL.2: Improve City of Pelham's 1 st responder capabilities to prepare for and respond to flood events. Objective FL.3: Improve City of Pelham's capability to prepare for, respond to and recover from flood events
High Wind Hazard Goal: Mitigate the impact of High Winds on City of Pelham	Objective HW.1: Improve City of Pelham's High Winds warning and information distribution to citizens Objective HW.2: Improve City of Pelham's 1 st responder capabilities to prepare for and respond to High Winds events. Objective HW.3: Improve City of Pelham's capability to prepare for, respond to and recover from High Winds events
Ice/Snow Hazard Goal: Mitigate the impact of Ice/Snow on City of Pelham	Objective IS.1: Improve City of Pelham's Ice/Snow warning and information distribution to citizens Objective IS.2: Improve City of Pelham's 1 st responder capabilities to prepare for and respond to Ice/Snow events. Objective IS.3: Improve City of Pelham's capability to prepare for, respond to and recover from Ice/Snow events
Pandemic Hazard Goal: Mitigate the impact of a Pandemic on City of	Objective PD.1: Improve City of Pelham's Pandemic/Vector warning and information distribution to citizens Objective PD.2: Improve City of Pelham's 1 st responder capabilities to prepare for and respond to Pandemic/Vector events. Objective PD.3: Improve City of Pelham's capability to prepare for, respond to and recover from Pandemic/Vector events



<p>Wildfire Hazard Goal: Mitigate the impact of Wildfires on City of Pelham</p>	<p>Objective WF7.1: Improve City of Pelham’s Wild-land Fire warning and information distribution to citizens Objective WF.2: Improve City of Pelham’s 1st responder capabilities to prepare for and respond to Wild-land Fire events Objective WF.3: Improve City of Pelham’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 Pelham</p>	<p>Objective HM.1: Improve City of Pelham’s Hazardous Materials spill or release warning and information distribution to citizens Objective HM.2: Improve City of Pelham’s 1st responder capabilities to prepare for and respond to Hazardous Materials spill/release events Objective HM.3: Improve City of Pelham’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 Pelham</p>	<p>Objective ID.1: Improve City of Pelham’s Illegal Drug Laboratories warning and information distribution to citizens Objective ID.2: Improve City of Pelham’s 1st responder capabilities to prepare for and respond to Illegal Drug Laboratories Objective ID.3: Improve City of Pelham’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 Pelham</p>	<p>Objective TR.1: Improve City of Pelham’s Domestic/International Terrorism warning and information distribution to citizens Objective TR.2: Improve City of Pelham’s 1st responder capabilities to prepare for and respond to Domestic/International Terrorism events Objective TR.3: Improve City of Pelham’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 Pelham</p>	<p>Objective UF.1: Improve City of Pelham’s Urban Fire warning and information distribution to citizens Objective UF.2: Improve City of Pelham’s 1st responder capabilities to prepare for and respond to Urban Fire events Objective UF.3: Improve City of Pelham’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
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 schools/special needs/local populations in developing disaster preparedness/response plans.	City Gov. FD	Local Funds	3,000 100,000	On Going	88
HW1c	Educate special needs/school/local populations on High Wind preparedness and response	NWS, Fire Dept	Local Funds	3,000 100,000	On Going	87

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW1c	Educate and distribute High Wind preparedness information	NWS, Fire Dept	Local Funds	3,000 100,000	On Going	87
AH1e	Distribute safe room/Shelter in place information to schools, special needs and the public	FD, BOE	Local Funds	5,000 100,000	On Going	84
AH3x	Develop a community shelter program for mobile home parks	City Govt. FD, PD	Local Funds	50,000 500,000	On Going	83
FL3e	Develop a program to inspect and maintain natural drainage channels to clear beaver dams and debris	City Govt	Grant, Local Funds	20,000 100,000	2010 2011	83
UF1a	Educate school, special needs and the community populations on fire safety and response	Fire Dept.	City Budget, Grant	5,000 100,000	2012 2013	83
UF1b	Educate school, special needs and the community population on fire extinguisher use	Fire Dept.	City Budget, Grant	5,000 100,000	2012 2013	83
UF1c	Assist fire departments in obtaining fire prevention program materials	Fire Dept.	City Budget	5,000 100,000	2009 2010	83
AH1h	Develop a media warning program to warn the public of hazard event	City Govt. PD, FD	Local Funds	3,000 100,000	On Going	82
AH3v	Require critical sites to develop and provide to EMA an emergency plan	City Govt. LEPC, FD	Local Funds	1,000 100,000	On Going	82
FL1a	Distribute flood awareness and preparedness literature at events	FD, City Govt	Local Funds	5,000 100,000	On Going	82
FL2a	Obtain PPE for all personnel responding to flood events	Fire Dept.	City Budget Grant	10,000 100,000	2010 2012	82
FL3k	Obtain/install/maintain/monitor rainfall and stream gauges to predict local flooding	City Govt	Grant, Local Funds	50,000 100,000	2010 2011	82
TR1b	Educate schools, special needs and government officials on procedures for handling suspicious mail	PD, BOE	Local Funds	3,000 100,000	On Going	82
UF3d	Develop fire plans for all major businesses and critical facilities	Fire Dept.	City Budget	5,000 100,000	2009 2014	82
AH3r	Participate in NFIP's Cooperating Technical Partners Program (CTP)	City Govt	Local Funds	1,000 10,000	On Going	81
HM1b	Educate the public on common hazardous materials in home	Fire Dept.	Grant	4,000 100,000	2012 2013	81
HM1d	Educate schools, special needs and local population on hazmat evacuation	FD, BOE	Local Funds	5,000 100,000	On Going	81
HW3a	Adopt/enforce comprehensive Building Code legislation	City Govt	Local Funds	1,000 100,000	On Going	81
AH3l	Assist schools in implementing an emergency phone line	City Govt. BOE	Grant, Local Funds	20,000 100,000	2010 2011	80
HM1c	Educate schools special needs, and local populations on chemical hazards in the area.	FD, BOE	Local Funds	5,000 100,000	On Going	80
PD2e	Exercise response to a pandemic event in conjunction with the medical community	City Govt. FD, PD	Grant, Local Funds	5,000 100,000	2009 2014	80
PD3a	Participate in the national Pandemic surveillance program	City Govt. ADPH	Local Funds	5,000 100,000	On Going	80
UF3g	Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	Fire Dept. City Govt	City Budget	1,000 100,000	2009 2014	80



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

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3a	Adopt the National Incident Management System (NIMS)	City Govt.	City Budget	1,000 10,000	2009 2010	79
AH3b	Obtain and continually update 911 technology and capabilities	PD, FD	City Budget	10,000 100,000	On Going	79
AH3j	Maintain a supplier list of food, medicines, water and fuel vendors	City Govt	Local Funds	1,000 10,000	On Going	79
AH3u	Ensure that all mutual aid shelter, response, mass casualty and recovery agreements are current	City Govt. ARC, ADPH, ADHR	Local Funds	1,000 50,000	On Going	79
AH3y	Insure building code compliance Inspections are conducted on construction projects	City Govt. FD	Local Funds	5,000 100,000	On Going	79
FL3a	Participate in the National Flood Insurance Program (NFIP)	City Govt	Local Funds	1,000 100,000	On Going	79
FL3h	Request a study of the feasibility of flood control measures along the Cahaba River.	City Govt	Grant, Local Funds	25,000 100,000	2010 2011	79
IL1a	Educate school and local populations on Meth Lab awareness	PD, BOE	Local Funds	3,000 100,000	On Going	79
TR1a	Educate schools, special needs and the community population on recognizing potential terrorist events	BOE, PD	Local Funds	3,000 100,000	On Going	79
TR1c	Distribute terrorism awareness information to the public	City Govt. PD	Local Funds	5,000 100,000	On Going	79
TR1d	Educate school, special needs, officials and the local population on terrorism preparedness.	City Govt. PD, BOE	Local Funds	3,000 100,000	On Going	79
TR1e	Post terrorism and bomb identification information in buildings and schools	PD, BOE	Local Funds	3,000 100,000	On Going	79
TR1f	Identify/distribute to appropriate officials potential terrorism targets information	PD	Local Funds	2,000 100,000	On Going	79
TR2a	Train terror response agencies on terrorist potential and county potential terrorism targets.	PD	Local Funds	5,000 100,000	On Going	79
UF2c	Obtain/maintain fire fighting supplies at all fire departments	Fire Dept.	City Budget	5,000 100,000	2009 2010	79
AH1b	Schedule regular maintenance and testing of hazard warning units	PD	Grant Local Funds	20,000 100,000	On Going	78
FL3h	Educate developers on Watershed, Floodplain and wetland development restrictions	City Govt. Public Works	Local Funds	2,000 50,000	On Going	78
HM1g	Establish school hazard materials environmental impact programs	FD, BOE	Local Funds	5,000 100,000	On Going	78
HM2c	Develop/maintain hazmat SOG's/FOG's for 1 st responders	Fire Dept.	City Budget	5,000 100,000	2009 2010	78
IL3a	Join/participate in local state and federal drug task forces	Police Dept	Grant, Local Funds	129,000 200,000	On Going	78
PD1c	Develop/distribute Pandemic preparedness information to limited English speaking residents	ADPH, City Govt	Local Funds	5,000 100,000	On Going	78
TR3e	Support State Homeland Security strategies to counter terrorism	Fire Dept. Police Dept	City Budget	1,000 10,000	On Going	78
TR3k	Work with schools to develop terrorism preparedness and response plans	PD, BOE	Local Funds	5,000 100,000	On Going	78



**City of Pelham
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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
TR3l	Assist Medical Health entities in developing CBRNE response plans	ADPH, FD, EMA	Grant Funds	5,000 100,000	2010 2010	78
TR3m	Assist special needs facilities in implementing a security system	PD	Local Funds	1,000 100,000	On Going	78
TR3o	Develop evacuation plans for identified terrorism targets	PD	Local Funds	5,000 100,000	2010 2011	78
AH1g	Obtain/install an automated wide area rapid notification system.	PD	Grant, Local Funds	12,000 200,000	2011 2012	77
HM3b	Maintain and annually update an inventory of hazmat sites.	Fire Dept., LEPC, EMA	City Budget	2,000 100,000	2009 2014	77
HM3i	Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	Fire Dept, ADEM, EMA	City Budget Cnty Budget	5,000 100,000	2009 2014	77
HW3g	Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	City Govt	Local Funds	5,000 100,000	On Going	77
PD1e	Assist schools in developing an infectious disease surveillance program	ADPH, BOE	Local Funds	5,000 100,000	On Going	77
UF3c	Assist fire inspections to be regularly conducted at businesses and industry	Fire Dept.	City Budget	5,000 100,000	2009 2014	77
WF1b	Educate business/schools/local populations on the causes of wild land fires	Fire Dept. AFC	Grant	5,000 100,000	2013 2014	77
WF1f	Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	Fire Dept. AFC	City Budget	5,000 100,000	2010 2014	77
AH2c	Train 1 st responders in search and rescue techniques	Fire Dept.	City Budget	25,000 100,000	2009 2014	76
AH3o	Assist businesses, schools, special needs and government facilities to post evacuation routes	City Govt. Police Dept	Local Funds	1,000 100,000	On Going	76
AH3p	Develop/implement/maintain the jurisdictions Mitigation Action Plan	City Govt	Local Funds	5,000 100,000	On Going	76
AH3s2	Develop strategies to prevent loss of public records	City Govt	Local Funds	5,000 100,000	On Going	76
HM3h	Maintain a current list of Hazardous Materials spill clean up companies available to the county	Fire Dept, EMA, LEPC, ADEM	City Budget	2,000 100,000	2009 2014	76
HW2c	Train 1 st responders to respond to High Wind events	Fire Dept.	City Budget	15,000 100,000	2009 2014	76
IL3b	Maintain/publicize a hotline to report suspected meth labs	PD	Grant, Local Funds	5,000 100,000	2010 2011	76
PD1b	Educate school/special needs/local population on preparing and self care during a pandemic	ADPH, BOE	Local Funds	15,000 100,000	On Going	76
PD3i	Maintain contact with state and federal agencies regarding biological and disease threats.	City Govt. PD, ADPH	Local Funds	5,000 10,000	On Going	76
UF3b	Ensure that fire codes are rigidly enforced with citations issued for violations.	Fire Dept, City Govt	City Budget	5,000 100,000	2009 2014	76
FL3d	Participate in the NFIP Community Rating System	City Govt	Local Funds	1,000 100,000	On Going	75
HM3h	Enforce pre-planning requirements for Extremely Hazardous Substances	ADEM, Fire Dept, LEPC	City Budget	5,000 100,000	On Going	75



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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
PD2c	Develop a list of 1 st responders for early infectious disease vaccination	Fire Dept.	City Budget	1,000 10,000	2010 2011	75
AH2b	Evaluate/maintain 1st responders emergency kits annually	FD, PD	Local Funds	10,000 100,000	On Going	74
AH2g	Train 1 st responders and officials on the National Incident Management System (NIMS)	Fire Dept.	City Budget	5,000 100,000	2009 2014	74
AH2h	Train 1 st responders and officials in Emergency Operations Center Ops and the EOP	Fire Dept.	City Budget	5,000 100,000	2009 2010	74
AH2i	Train 1 st responders/officials in performing damage assessments.	EMA, City Govt	Local Funds	5,000 100,000	On Going	74
AH3k	Obtain disaster supply kits for schools/special needs facilities	City Govt. FD	Local Funds	20,000 100,000	2010 2011	74
FL3l	Identify alternative access points for single access neighborhoods	Public Works	Local Funds	3,000 100,000	On Going	74
FL3m	Acquire signage to indicate water depth at flooding points	Public Works	Grant, Local Funds	10,000 100,000	2009 2010	74
HW1a	Obtain NOAA weather radios for schools, government and special needs facilities	Fire Dept.	City Budget, Grant	25,000 100,000	2012 2013	74
HW2b	Obtain 1 st responder PPE and supplies for High Wind response	Fire Dept.	City Budget	15,000 100,000	2009 2014	74
HW3d	Develop a debris clearance program that can be utilized citywide	EMA, Co Eng, City Govt	FEGA Grant Local Funds	1,000 100,000	2009 2010	74
HW3h	Adopt/enforce legislation to control construction standards of mobile homes moved into the county.	City Govt	Local Funds	5,000 100,000	On Going	74
UF2a	Obtain fire PPE for all personnel responding to fire incidents	Fire Dept.	City Budget	25,000 100,000	2009 2010	74
UF2d	Train all fire responders in fire combat techniques annually	Fire Dept.	City Budget	15,000 100,000	2009 2014	74
UF3a	Ensure that NFPA standards and codes are followed.	Fire Dept.	City Budget	1,000 10,000	2009 2014	74
UF3j	Adopt/enforce legislation to restrict the disposal of flammable liquids and other hazardous materials	City Govt. Fire Dept	Local Funds	1,000 100,000	On Going	74
WF1c	Educate school/special needs/local populations on wild land fire preparedness and response	Fire Dept. AFC, BOE	Grant	5,000 100,000	2013 2014	74
WF1d	Develop a plan to distribute wildfire awareness and prevention information	Fire Dept. AFC	Grant	5,000 100,000	2013 2014	74
WF1e	Work with the DNR to distribute USFS fuels reduction information (Firewise.)	Fire Dept. AFC	Grant	5,000 100,000	2013 2014	74
WF3g	Maintain contact with the Forestry office that issues daily "fire potential" reports	Fire Dept. AFC	City Budget	1,000 100,000	2009 2014	74
AH1d	Obtain backup power systems for audible warning devices	PD	Grant, Local Budget	8,000 100,000	2010 2012	73
AH2a	Obtain/distribute interoperable radios for all 1 st responders	Fire Dept. Police Dept	Grant	50,000 100,000	2009 2010	73
AH2e	Train 1 st responders on responding to mass casualty events	Fire Dept.	City Budget	15,000 100,000	2009 2014	73



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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
FL3a5	Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	City Govt	Local Funds	15,000 100,000	On Going	73
HM2d	Fund hazmat response training for all 1 st responders	Fire Dept.	City Budget DHS Grant	10,000 100,000	2009/2010	73
HW2d	Exercise a High Wind event with 1 st responders at least annually	City Govt	City Budget	10,000 100,000	2009 2014	73
IS3d	Establish snow and ice removal methods	City Govt. FD, PD	Local Funds	5,000 100,000	On Going	73
PD3h	Adopt/enforce Pandemic Flu legislation to cancel large public and private events	City Govt	Local Funds	1,000 10,000	On Going	73
WF2g	Identify Private 1 st responders and contractors to assist in wild-land fire response	FD, AFC	Local Funds	1,000 10,000	2009 2014	73
AH1c	Obtain and/or expand warning sirens to for all uncovered areas	PD	Grant, Local Budget	32,000 200,000	2009 2014	72
AH3e1	Assist non-governmental critical facilities to obtain emergency generators/pigtails	City Govt	Grant Local Funds	100,000 500,000	2009 2014	72
AH3o1	Obtain signage to direct the public evacuation during hazard events	PD	City Budget	4,000 100,000	2010 2011	72
FL3c3	Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	City Govt	Local Funds	5,000 100,000	On Going	72
FL3f	Identify roadways, culverts and bridges damaged by flooding	City Govt. Public Works	Local Funds	5,000 100,000	On Going	72
FL3g	Update County Land Use Plan to identify areas where development should be restrictive	City Govt	Local Funds	5,000 100,000	On Going	72
HM2a	Obtain PPE for all personnel responding to hazmat incidents	Fire Dept.	City Budget DHS Grant	15,000 100,000	2010 2011	72
HW1g	Train citizens in weather observation in conjunction with the National Weather Service (NWS)	NWS	Local Funds	5,000 100,000	2009 2014	72
UF2e	Obtain fire equipment to combat fires in high rise buildings	Fire Dept.	City Budget	150,000 400,000	2009 2010	72
UF2h	Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	Fire Dept.	City Budget	15,000 100,000	2009 2014	72
WF1a	Educate homeowners and businesses on wildfire fuels reduction	Fire Dept. AFC	Grant	5,000 100,000	2013 2014	72
AH3a1	Develop/maintain a City wide NIMS resource inventory	City Govt	City Budget	5,000 10,000	On Going	71
AH3b1	Develop redundancy capabilities for 911 services and equipment	PD, FD	City Budget	25,000 100,000	On Going	71
AH3d	Obtain additional Emergency Operations Center equipment and crisis management software	PD	Grant local Funds	35,000 100,000	2010 2011	71
FL2b	Train all 1 st responders on repetitive flooding areas and structures	Fire Dept. Police Dept	City Budget	2,000 10,000	2009 2014	71
FL3a4	Educate developers, builders and the public on the location of NFIP designated flood prone areas	City Govt	Local Funds	2,000 100,000	On Going	71
FL3f3	Obtain/Install barriers to block flooding roadways and bridges	City Govt. FD, PD	Local Funds	3,000 100,000	2009 2010	71

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HM1a	Educate school/special needs/local populations on hazardous materials preparedness and response	Fire Dept.	Grant	4,000 100,000	2012 2013	71
HW1g	Develop a plan to provide weather radios to low income residents	Fire Dept.	Grants	15,000 100,000	2013 2014	71
IL2b	Train 1 st responders in Methamphetamine Lab chemicals	Fire Dept, Police Dept	City Budget	16,000 100,000	2009 2010	71
IL2c	Provide Meth Lab training to all personnel responding to Meth Labs	Fire Dept, Police Dept	City Budget	20,000 100,000	2009 2010	71
UF2b	Train firefighters to obtain for state and national certifications	Fire Dept.	City Budget	15,000 100,000	2009 2010	71
UF3e	Adopt/enforce sprinkler and smoke alarm legislation	Fire Dept. City Govt	City Budget	1,000 100,000	2009 2014	71
AH2d	Exercise 1 st responder and hospital Mass Casualty plans regularly.	Fire Dept.	City Budget, Grant	6,000 100,000	2010 2014	70
AH3i1	Evaluate shelter requirements annually & develop a program to add necessary shelters	City Govt. ARC, ADPH, ADHR	Local Funds	5,000 100,000	On Going	70
HM3b	Develop evacuation perimeters and routes for high risk hazmat sites	FD, GIS, ADEM	City Budget	5,000 100,000	On Going	70
HM3j	Adopt/enforce hazardous materials site building setback legislation	City Govt	City Budget	2,000 100,000	On Going	70
UF3i	Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	City Govt	Local Funds	1,000 100,000	On Going	70
UF3k	Obtain smoke detectors and provide free to residents in need.	Fire Dept.	Grant	10,000 100,000	2012 2013	70
WF3h	Adopt/enforce wildfire and burning restriction legislation that includes burning bans	Fire Dept. City Govt	City Budget	1,000 100,000	2009 2014	70
AH3m	Assist medical services to develop a Mass Casualty Plan	Fire Dept.	City Budget	5,000 100,000	2009 2014	69
FL3a1	Adopt/enforce an NFIP flood plain management plan	City Govt	Local Funds	5,000 100,000	On Going	69
FL3a2	Adopt/enforce floodplain legislation to require structures to be built above the NFIP BSE	City Govt	Local Funds	1,000 100,000	On Going	69
FL3c	Obtain funding to retrofit, elevate or relocate NFIP repetitive flooding structures in flood plains	City Govt. Public Works	Grant, Local Funds	2,500,000 5,000,000	2010 2013	69
IL2a	Obtain PPE for all personnel that respond to Meth Labs	Fire Dept, Police Dept	City Budget	15,000 100,000	2009 2010	69
AH3s	Obtain funds for critical government departments to develop Continuity of Operations Plans	City Govt	Local Funds	50,000 500,000	On Going	68
Hm3e	Obtain hazmat containment equipment for water, roads/railroads	Fire Dept.	City Budget DHS Grant	50,000 100,000	2009 2014	68
TR2e	Obtain terrorism PPE for personnel responding to terrorism incidents	Fire Dept.	City Budget, DHS Grant	15,000 100,000	2009 2010	68
TR2f	Obtain terrorism response and control equipment and supplies	Fire Dept. Police Dept	City Budget, DHS Grant	17,000 100,000	2009 2010	68
TR2i	Obtain CBRNE detection devices and train 1 st responders on use	Fire Dept.	City Budget, DHS Grant	50,000 100,000	2009 2010	68



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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HM2e	Maintain an inventory of Mark I packs to respond to chemical agents	Fire Dept	Grant, Local Funds	25,000 100,000	2010 2011	67
HM2f	Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	Fire Dept.	City Budget DHS Grant	10,000 100,000	2009 2014	67
HM3d	Obtain monitoring equipment for high risk hazmat sites	Fire Dept	Grant, Local Funds	50,000 100,000	2009 2011	67
HW3e	Obtain funding to build mobile home community storm shelters	City Govt	Grant, Local Funds	300,000 1,000,000	2010 2011	67
PD2a	Obtain infectious disease PPE for all personnel responding to a pandemic	Fire Dept.	City Budget DHS Grant	15,000 100,000	2010 2011	67
PD2a	Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	Fire Dept.	City Budget DHS Grant	5,000 100,000	2009 2010	67
PD3c	Develop a traffic flow and security plan for medical dispensing sites	Police Dept	EMA, Local Funds	1,000 10,000	2009 2010	67
TR2b	Train all terrorism 1 st responders in terrorism attack techniques	Fire Dept. Police Dept	DHS Grant, Local Funds	10,000 100,000	2012 20133	67
TR2c	Train 1st responders and agencies on CBRNE response	Fire Dept. Police Dept	EMA, City Budget	15,000 100,000	2009 2014	67
TR2g	Train all appropriate 1 st responders in CBRNE agents	Fire Dept	City Budget	15,000 100,000	2009 2014	67
WF2c	Train fire 1 st responders in wild-land fire response techniques	Fire Dept. AFC	City Budget	15,000 100,000	2009 2014	67
AH3e	Obtain/install emergency generators or "pigtailed" for (All FS; PD Station; City Hall).	Fire Dept.	City Budget	150,000 500,000	2009 2011	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	66
FL3f	Develop a storm water management plan for the jurisdiction	City Govt	Grant, Local Funds	25,000 100,000	On Going	66
UF1d	Obtain a fire education-training trailer for the jurisdiction.	Fire Dept.	Cnty Budget	5,000 100,000	2009 2010	66
UF3f	Obtain fire equipment to combat fires where water hydrants are non-existent	Fire Dept. City Govt	City Budget Grant	150,000 1,000,000	2009 2014	66
WF2e	Obtain DNR compatible radios for interoperable communications.	Fire Dept.	City Budget	25,000 100,000	2010 2012	66
AH3b2	Develop redundancy capabilities for emergency radio communications	City Govt	City Budget	15,000 100,000	On Going	65
AH3s1	Assist businesses in developing Business Continuity Plans	City Govt	Local Funds	5,000 100,000	On Going	65
FL3e	Adopt/enforce land use flood plain wetlands and watershed zoning	City Govt	Local Funds	5,000 100,000	On Going	65
FL3g	Adopt/enforce storm water legislation to reduce runoff from developments.	City Govt. Public Works	Local Funds	2,000 100,000	On Going	65
PD2b	Train Pandemic event 1 st responders on preparedness and response actions	Fire Dept.	DHS Grant	10,000 100,000	2010 2014	65
TR2j	Exercise a potential terrorism event with 1 st responders at least annually	Fire Dept. Police Dept	City Budget DHS Grant	15,000 100,000	2009 2014	65



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Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
UF3h	Acquire and install six inch water mains/hydrants city wide	Public Works	Grant, Local Funds	150,000 500,000	2010 2011	64
FL3i	Obtain equipment to build water flow and water retention areas to mitigate flooding	Public Works	Grant, Local Funds	200,000 800,000	2009 2013	63
Hm2b	Obtain hazmat detecting equipment for 1 st responders	Fire Dept.	City Budget DHS Grant	35,000 100,000	2009 2010	63
HM3c	Develop/maintain a citywide hazard materials response plan	Fire Dept, LEPC, EMA	City Budget	5,000 100,000	2009 2010	63
WF2f	Exercise fire response regularly for residences, businesses and industry	Fire Dept.	City Budget	15,000 100,000	2009 2014	63
FL2f	Obtain equipment to develop a swift water rescue team	Fire Dept.	Grant, City Budget	50,000 200,000	2009 2010	62
FL2f1	Train appropriate 1 st responders for a swift water rescue team	Fire Dept.	City Budget	15,000 100,000	2009 2014	62
TR2d	Establish and equip a CBRNE team to respond to incidents in the county.	Fire Dept.	City Budget, DHS Grant	50,000 200,000	2009 2010	62
TR3n	Train and fund a position for school or workplace hostage negotiation	PD	Grant Funds	50,000 100,000	On Going	62
WF2b	Obtain specialized equipment to combat wild-land fires (i.e. 4-wheel drive brush truck).	Fire Dept. AFC	Grant, City Budget	150,000 400,000	2009 2010	62
FL3f1	Install/replace/maintain culverts ditches and bridges to reduce storm water flooding: Extended Detention Pond (Aaron Rd), Construct new Detention Pond (Cottage Circle), Replace Culvert (McCain parkway), Replace Culvert (Chandalar)	Public Works	Grant Local Funds	4,700,000 9,000,000	2009 2011	61
FL3f2	Obtain equipment to mitigate bridge, culverts, and roadway flooding	City Govt. Public Works	Grant Local Funds	200,000 600,000	2009 2012	61
HM3a	Create a GIS Maps of hazmat sites to display ERG established zones	FD, GIS	City Budget	5,000 100,000	On Going	60
PD2d	Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	ADPH, City Govt	Grant, Local Funds	5,000 100,000	On Going	60
PD3d	Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	City Govt. PD, FD	Grant Funds	5,000 100,000	2009 2014	60
IL2d	Obtain, maintain and train an Illegal drug canine unit	Police Dept	Grant, City Budget	20,000 100,000	2009 2010	59
HM2g	Acquire and equip a hazardous materials response vehicle	Fire Dept.	City Budget DHS Grant	50,000 100,000	2009 2010	58

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

Action/Project Description	High Community Acceptance	High effect on Loss of Life-WF=3	High Effect on Property Loss WF=2	High Effect on Economic Loss WF=1-9	is Technical Feasibility	is a Long-Term Solution	No Secondary Impacts	Little Staffing required	Funding Potential is High	Low Maintenance/Operations	High Political Support	Has a Local Champion	Has Public Support	State Authorized	Local Authority Exists	Potential Legal Challenge is High	Action Benefit is High WF=2	Action Cost is Low WF=2	High Economic Goal Contribution	Outside Funding Not Required	Land/Water Effect is Low	Low Endangered Species Effect	HAZMAT Waste Site Effect is Low	Environmental Effect is low	Federal law Compliant is High	Total Priority Score
Schedule regular maintenance and testing of hazard warning units	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	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
Assist schools/special needs/local populations in developing disaster preparedness/response plans.	3	6	6	9	3	2	3	2	3	2	3	3	2	3	3	3	6	6	3	2	3	3	3	3	3	88
Obtain/install an automated wide area rapid notification system.	2	9	6	9	3	3	3	1	3	1	2	1	3	3	3	3	2	1	3	1	3	3	3	3	3	77
Develop a media warning program to warn the public of hazard event	2	9	6	9	3	3	3	2	2	2	2	1	3	3	3	3	3	3	3	2	3	3	3	3	3	82
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 1 st responders emergency kits annually	2	3	0	9	3	1	3	3	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	74
Train 1 st responders in search and rescue techniques	2	9	0	9	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	76
Exercise 1 st responder and hospital Mass Casualty plans regularly.	2	6	0	9	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	2	2	3	3	3	70
Train 1 st responders on responding to mass casualty events	2	6	0	9	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	73
Train 1 st responders and officials on the National Incident Management System (NIMS)	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Train 1 st responders and officials in Emergency Operations Center Ops and the EOP	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Train 1 st responders/officials in performing damage assessments.	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Adopt the National Incident Management System (NIMS)	2	3	0	9	3	3	3	2	3	3	2	2	2	3	3	3	6	6	3	3	3	3	3	3	3	79



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Develop/maintain a City wide NIMS resource inventory	2	3	4	9	3	2	3	1	2	1	1	2	2	3	3	3	4	2	4	2	3	3	3	3	3	71
Obtain and continually update 911 technology and capabilities	2	9	6	9	3	3	3	1	1	2	3	3	3	3	3	3	2	1	3	1	3	3	3	3	3	79
Develop redundancy capabilities for 911 services and equipment	2	6	4	9	3	3	3	2	2	1	2	2	2	3	3	3	2	1	2	1	3	3	3	3	3	71
Develop redundancy capabilities for emergency radio communications	2	3	2	9	3	3	3	2	2	1	1	2	2	3	3	3	1	2	2	1	3	3	3	3	3	65
Obtain additional Emergency Operations Center equipment and crisis management software	2	6	4	9	3	2	3	1	1	1	1	1	2	3	3	3	4	2	4	1	3	3	3	3	3	71
Obtain/install emergency generators or "pigtailed" for (All FS; PD Station; City Hall).	3	3	4	9	3	3	2	2	2	1	2	2	3	3	3	2	2	2	2	1	2	2	2	3	3	66
Assist non-governmental critical facilities to obtain emergency generators/pigtails	2	3	4	9	3	2	3	2	2	2	3	2	2	3	3	2	4	2	4	1	2	3	3	3	3	72
Evaluate shelter requirements annually & develop a program to add necessary shelters	3	9	0	9	3	3	2	2	1	2	3	2	3	3	3	2	4	2	2	1	2	2	2	2	3	70
Maintain a supplier list of food, medicines, water and fuel vendors	2	6	0	9	2	2	3	2	2	2	3	2	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Obtain disaster supply kits for schools/special needs facilities	3	3	0	9	2	2	3	2	2	2	3	2	3	3	3	3	6	4	2	2	3	3	3	3	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	80
Assist medical services to develop a Mass Casualty Plan	2	6	0	9	3	3	3	2	2	1	2	1	2	3	3	3	3	3	2	1	3	3	3	3	3	69
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	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	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	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	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	68
Assist businesses in developing Business Continuity Plans	2	0	2	9	3	3	3	3	1	3	1	1	1	3	3	3	3	2	3	1	3	3	3	3	3	65
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	76
Ensure that all mutual aid shelter, response, mass casualty and recovery agreements are current	2	3	2	9	3	2	3	3	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	79
Require critical sites to develop and provide to EMA an emergency plan	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	82
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	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	79



**City of Pelham
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Obtain/Install barriers to block flooding roadways and bridges	2	6	2	7	3	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	3	71
Update County Land Use Plan to identify areas where development should be restrictive	2	3	6	7	3	2	2	3	2	2	2	2	1	3	3	1	4	4	2	3	3	3	3	3	3	3	3	72	
Adopt/enforce storm water legislation to reduce runoff from developments.	2	0	2	7	3	3	2	1	2	1	2	2	2	3	3	2	4	6	3	3	2	2	2	2	3	3	65		
Educate developers on Watershed, Floodplain and wetland development restrictions	2	3	4	7	3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	3	78		
Request a study of the feasibility of flood control measures along the Cahaba River.	2	6	6	7	3	3	3	2	2	2	2	1	2	3	3	3	4	4	6	1	3	2	3	3	3	79			
Obtain equipment to build water flow and water retention areas to mitigate flooding	2	6	6	7	3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	63			
Obtain/install/maintain/monitor rainfall and stream gauges to predict local flooding	2	6	6	7	3	3	2	2	2	2	2	2	3	3	3	6	4	6	1	2	3	3	3	3	3	82			
Identify alternative access points for single access neighborhoods	2	3	0	7	3	2	3	3	3	3	2	2	3	3	3	3	4	6	1	3	3	3	3	3	3	74			
Acquire signage to indicate water depth at flooding points	2	3	0	7	3	2	3	3	3	3	2	2	3	3	3	3	4	6	1	3	3	3	3	3	3	74			
Educate school/special needs/local populations on hazardous materials preparedness and 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	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	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	2	3	3	3	3	6	6	2	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	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	78			
Obtain PPE for all personnel responding to hazmat incidents	2	6	2	6	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	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	3	63			
Develop/maintain hazmat SOG's/FOG's for 1 st responders	2	6	2	6	3	2	3	1	3	1	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	78			
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	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	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	3	67			
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	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	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	3	70			



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Maintain and annually update an inventory of hazmat sites.	2	6	4	6	3	2	3	2	3	2	3	2	2	2	2	2	3	3	3	6	4	2	2	3	3	3	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	3	4	2	2	1	3	3	2	2	3	2	2	3	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	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	3	3	3	68			
Enforce pre-planning requirements for Extremely Hazardous Substances	2	6	2	6	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	3	3	75			
Maintain a current list of Hazardous Materials spill clean up companies available to the county	2	0	2	6	3	2	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	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	3	2	2	3	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	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	3	3	3	3	4	4	2	2	3	3	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	3	3	87			
Educate and distribute High Wind preparedness information	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	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	3	3	71			
Train citizens in weather observation in conjunction with the National Weather Service (NWS)	2	6	0	8	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	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	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	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	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	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	2	2	74				
Obtain funding to build mobile home community storm shelters	2	6	0	8	3	3	2	2	1	2	2	2	2	3	3	2	4	2	2	1	3	3	3	3	3	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	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				



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Train 1 st responders in Methamphetamine Lab chemicals	3	6	0	3	3	2	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	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Obtain, maintain and train an Illegal drug canine unit	2	3	4	3	3	3	3	1	1	1	2	2	2	3	3	2	2	1	2	1	3	3	3	3	3	3	3	3	59
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	3	6	6	2	3	3	3	3	3	3	3	3	78
Maintain/publicize a hotline to report suspected meth labs	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	6	4	2	3	3	3	3	3	3	3	3	3	76
Establish snow and ice removal methods	2	6	2	4	3	2	2	2	3	2	3	2	3	3	3	3	3	6	6	2	3	2	2	2	2	2	3	73	
Educate school/special needs/local population on preparing and self care during a pandemic	2	6	0	4	3	2	3	2	3	2	3	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	76	
Develop/distribute Pandemic preparedness information to limited English speaking residents	3	6	0	4	3	2	3	2	3	2	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	78	
Assist schools in developing an infectious disease surveillance program	2	6	0	4	3	2	3	2	3	2	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77	
Obtain infectious disease PPE for all personnel responding to a pandemic	2	6	0	4	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	67	
Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	2	6	0	4	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	67	
Train Pandemic event 1 st responders on preparedness and response actions	2	3	0	4	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	65	
Develop a list of 1 st responders for early infectious disease vaccination	2	3	0	4	3	2	3	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	75	
Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	2	3	0	4	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	2	3	60		
Exercise response to a pandemic event in conjunction with the medical community	2	6	0	4	3	3	3	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	80	
Participate in the national Pandemic surveillance program	2	6	0	4	3	3	3	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	3	80	
Develop a traffic flow and security plan for medical dispensing sites	2	0	0	4	3	2	2	2	2	2	3	2	3	3	3	3	6	6	1	3	3	3	3	3	3	3	3	67	
Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	2	3	0	4	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	2	3	60		
Adopt/enforce Pandemic Flu legislation to cancel large public and private events	2	6	0	4	3	2	2	2	3	2	2	2	3	3	3	2	6	6	2	3	3	3	3	3	3	3	3	73	
Maintain contact with state and federal agencies regarding biological and disease threats.	3	9	0	4	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	76	
Educate schools, special needs and the community population on recognizing potential terrorist events	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	3	79	



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Obtain a fire education-training trailer for the jurisdiction.	2	6	4	5	3	3	3	2	1	2	2	1	2	3	3	3	2	1	2	1	3	3	3	3	3	3	66
Obtain fire PPE for all personnel responding to fire incidents	2	6	4	5	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	74
Train firefighters to obtain for state and national certifications	2	3	4	5	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Obtain/maintain fire fighting supplies at all fire departments	2	6	6	5	3	2	3	2	3	2	3	3	2	3	3	3	4	4	3	2	3	3	3	3	3	3	79
Train all fire responders in fire combat techniques annually	2	6	4	5	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	74
Obtain fire equipment to combat fires in high rise buildings	2	6	6	5	3	3	3	2	2	2	2	2	2	3	3	3	2	2	3	1	3	3	3	3	3	3	72
Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	2	3	4	5	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	3	3	3	3	3	3	3	72
Ensure that NFPA standards and codes are followed.	2	0	4	5	3	1	3	3	3	2	3	2	2	3	3	3	6	6	2	3	3	3	3	3	3	3	74
Ensure that fire codes are rigidly enforced with citations issued for violations.	2	6	6	5	3	2	2	1	2	1	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	76
Assist fire inspections to be regularly conducted at businesses and industry	2	6	6	5	3	2	3	1	2	1	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	77
Develop fire plans for all major businesses and critical facilities	2	6	6	5	3	2	3	2	2	2	3	2	2	3	3	3	6	6	3	3	3	3	3	3	3	3	82
Adopt/enforce sprinkler and smoke alarm legislation	2	6	4	5	3	2	2	1	2	2	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	3	71
Obtain fire equipment to combat fires where water hydrants are non-existent	2	6	2	5	3	3	2	3	1	1	1	1	2	3	3	3	4	2	3	1	3	3	3	3	3	3	66
Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	2	6	4	5	3	2	3	1	3	2	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	80
Acquire and install six inch water mains/hydrants city wide	2	9	6	5	3	3	1	1	1	2	2	1	2	3	3	2	2	2	2	1	2	2	2	2	2	3	64
Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	2	6	0	5	3	3	2	1	2	1	2	2	2	3	3	2	6	6	1	3	3	3	3	3	3	3	70
Adopt/enforce legislation to restrict the disposal of flammable liquids and other hazardous materials	2	6	2	5	3	3	1	1	2	1	3	3	2	3	3	2	6	6	2	3	3	3	3	3	3	3	74
Obtain smoke detectors and provide free to residents in need.	2	6	2	5	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	70
Educate homeowners and businesses on wildfire fuels reduction	2	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	2	2	2	2	3	72	
Educate business/schools/local populations on the causes of wild land fires	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Educate school/special needs/local populations on wild land fire preparedness and response	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74	
Develop a plan to distribute wildfire awareness and prevention information	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74	
Work with the DNR to distribute USFS fuels reduction information (Firewise.)	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74	



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