

INDIAN SPRINGS VILLAGE INDIVIDUAL MITIGATION ACTION PLAN



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

TABLE OF CONTENTS

INDIAN SPRINGS VILLAGE MITIGATION ACTION PLAN	1
Geography/History	1
Special Characteristics	1
Population and Demographics	1
Economy	2
Infrastructure	2
Capabilities	2
Mitigation Goals and Objectives	5
Multi-Jurisdictional Mitigation Actions	6
Mitigation Actions Prioritizing	7
Mitigation Actions	8

INDIAN SPRINGS VILLAGE MITIGATION ACTION PLAN

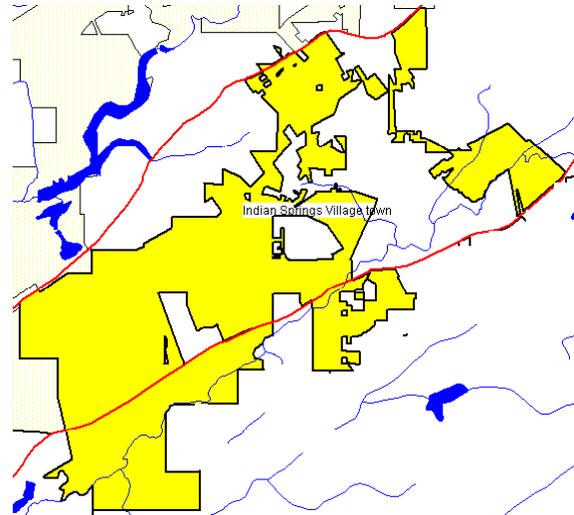
Geography/History

The Town of Indian Springs Village is located in northern Shelby County approximately 12 miles south of the City of Birmingham. Indian Springs Village is located at 33°22'5"N 86°44'28"W / 33.36806°N 86.74111°W / 33.36806, -86.74111 (33.368021, -86.741176)[1].

According to the U.S. Census Bureau, the town has a total area of 3.6 square miles (9.4 km²), all of it land.

Indian Springs Village was incorporated on Oct. 16, 1990. A total of 911 people signed a petition to allow residents to vote on incorporating as Indian Springs Village. It is widely accepted that the Town was created not so much as a revenue base as it was as a protective measure for residents who didn't want to see their area encompassed by development.

Today the village functions largely as a rural bedroom community for the Birmingham Metropolitan area, providing a high quality of life for its residents and a rural oasis to the surrounding urbanizing areas



Special Characteristics

The Town Pavilion is located behind the Town Hall. It is a large, covered picnic area with seating for 140. Water characteristics include Dry Brook creek

Population and Demographics

As of the census] of 2000, there were 2,225 people, 789 households, and 685 families residing in the town. The population density was 610.5 people per square mile (236.0/km²). There were 809 housing units at an average density of 222.0/sq mi (85.8/km²). The racial makeup of the town was 98.11% White, 0.09% Black or African American, 0.31% Native American, 0.90% Asian, 0.04% Pacific Islander, and 0.54% from two or more races. 0.13% of the population was Hispanic or Latino of any race.

There were 789 households out of which 38.0% had children under the age of 18 living with them, 80.4% were married couples living together, 4.2% had a female householder with no husband present, and 13.1% were non-families. 11.9% of all households were made up of individuals and 4.6% had someone living alone who was 65 years of age or older. The average household size was 2.82 and the average family size was 3.05.

In the town the population was spread out with 25.7% under the age of 18, 5.3% from 18 to 24, 21.7% from 25 to 44, 34.7% from 45 to 64, and 12.7% who were 65 years of age or older. The



median age was 44 years. For every 100 females there were 105.1 males. For every 100 females age 18 and over, there were 96.9 males.

Economy

The median household income in the town was \$92,229, and the median income for a family was \$96,760. Males had a median income of \$66,648 versus \$42,222 for females. Per capita income for the town was \$37,904. About 0.1% of families and 0.4% of the population were below the poverty line, including none of those under age 18 and 0.4% of those age 65 or over. The most common occupations for males includes: Sales representatives, services, wholesale and manufacturing (8%), Other sales and related workers including supervisors (8%), Engineers (7%), Top executives (6%), Other management occupations except farmers and farm managers (6%), Accountants and auditors (5%) and Advertising, marketing, promotions, public relations, and sales managers (5%).

The most common occupations for females includes: Health technologists and technicians (8%), Preschool, kindergarten, elementary and middle school teachers (7%), Other office and administrative support workers including supervisors (7%), Other management occupations except farmers and farm managers (5%), Registered nurses (5%), Secretaries and administrative assistants (5%) and Bookkeeping, accounting, and auditing clerks (4%).

Infrastructure

The village prides itself on its ability to be self-sustaining with a volunteer labor force for road repair and grounds maintenance

Birmingham Water Works or the City of Pelham provides community water systems. Law Enforcement is contracted from the Shelby County Sheriffs Office and fire service is contracted with the North Shelby Fire District.

Indian Springs utilizes the Shelby County elementary and high school system as well as a large private school, Indian Springs School.

School	Type	Enrollment
Indian Springs School	8 - 12	300

Indian Springs School is a proud hallmark of the village and was the brainchild of Harvey G. Woodward, a Birmingham industrialist who had attended M.I.T. and wanted to establish a school in his home state that would train young men for a lifetime of learning. Mr. Woodward left a sizeable estate and a detailed description of his program when he died in 1930. The first soccer program in the state was initiated at Indian Springs and the school's choir has a tradition of presenting concerts all over the globe.

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?

Indian Springs Village Legal And Regulatory Capability



**Indian Springs Village
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 Codes	1990	Y	N	Y	Y
Capital Improvements Plan	Annual Budget	2009	Y	N	N	N
Comprehensive Plan	Resolution	2005	Y	N	N	Y
Continuity of Operations Plan				N	N	N
Community Rating System				N	Y	N
Economic Development Plan	Comprehensive Plan Resolution	2005	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	2000	Y	N	Y	Y
Growth Control Ordinance		1990	Y	N	N	N
Hazard Setback Regulations		1990	Y	N	N	N
Hillside Ordinance				N	N	N
Historic Ordinance				N	N	N
NFIP Participant	Resolution	2000	Y	N	Y	Y
Post-disaster Ordinance				N	N	N
Post-disaster Recovery Plan	County Emergency Operations Plan		N	N	Y	Y
Real Estate Disclosure	AL Real Estate Commission		N	N	Y	N
Site Plan Requirements	Zoning Ordinance	1999	Y	N	N	Y
Subdivision Regulations	Zoning Ordinance	1999	Y	N	N	Y
Wildfire Ordinance				N	N	N
Zoning Ordinances	Ordinance	1999	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.

Indian Springs Village 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



**Indian Springs Village
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	37	37	37
Fire Personnel	Professional(s)	Fire Dept.	37	37	37
Floodplain Manager	Engineer(s)	Engineering/Public Works	C1	C1	C1
GIS Specialist	Professional(s)	Property Assessor/IT	0	0	0
Government Elected	Elected Officials	Mayor/Commission	6	6	6
Government Administration	Employees	Jurisdiction	2	2	2
Grant writer	Professional(s)	Emergency Management	0	0	0
Hazards Analysis Mgr.	Professional(s)	Emergency Management	C1	C1	C1
Hazmat Team	Professional(s)	Fire/Sheriff Dept	C6	C6	C6
Information Systems	Certified Professional	IT department	1	1	1
Land Use/Management	Engineer(s)/Planners	State/Local Planning	C1	C1	C1
Law Enforcement	Sheriff, Police, Trooper	Sheriff/Police Department	C5	C5	C5
Medical Practioners	Professional(s)	Medical Facilities	12	12	12
Public Works	Directors/Engineers	Public Works	1	1	1
Public Communication	911 specialists	E-911	C15	C15	C15
Public Utilities	Professionals	Public Utilities	0	0	0
Surveyor	Professional	Contracted	1	1	1

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

Indian Springs Village Fiscal Capabilities					
Financial Resources	Description	Eligible			Used
		Yes	No	TBD	
Community Grants	Community Development Block Grants (CDBG)	X			N
	Hazard Mitigation Planning Grants (HMPG)	X			Y
	PDM for disaster resistant universities		X		N
	PDM Grants for communities	X			N
	Department of Health Grants		X		N
	Department of Justice Grants	X			N
	Department of Agriculture Grants		X		N
	Department of Energy Grants		X		N
	Department of Education Grants		X		N
	Fire department grants	X			Y
	Flood Management Grants (FMA)	X			N
	Homeland Security Grant Program (HSGP)	X			N
	Repetitive Flood Claims Grants (RFC)	X			N
	Severe Repetitive Loss Grants (SRL)	X			N
	Private foundation grants	X			N
	Private business/industry grants	X			N
	Debt Procurement	Incur debt through special tax/revenue bonds	Y		



**Indian Springs Village
All Hazards Mitigation Action Plan**

Dept Procurement	Incur debt through private activity bonds	Y			N
Impact Fees	Developer fees for new developments	Y			Y
Jurisdiction Bonds	Incur debt through general obligation bonds	Y			N
Project Funding	Capital improvement	Y			Y
Spending Restrictions	Withhold spending in hazard-prone areas	Y			N
Special Taxes	Authority to levy taxes for specific purposes	Y			Y
Utility Fees	Fees for water, sewer, gas, or electric service	Y			N

Mitigation Goals and Objectives

The Mitigation Committee believes that each of the following goals, objectives, and action items is necessary to begin to address hazard issues in City of Indian Springs Village. The following goal statements represent a broad target for City of Indian Springs Village 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 Indian Springs Village	Objective AH.1: Improve Indian Springs Village's information distribution and warning capabilities for all hazards to citizens Objective AH.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to all hazards Objective AH.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from all hazards
Flooding Hazard Goal: Mitigate the impact of flooding on Indian Springs Village	Objective FL.1: Improve Indian Springs Village's flood warning and information distribution to citizens Objective FL.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to flood events. Objective FL.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from flood events
High Wind Hazard Goal: Mitigate the impact of High Winds on Indian Springs Village	Objective HW.1: Improve Indian Springs Village's High Winds warning and information distribution to citizens Objective HW.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to High Winds events. Objective HW.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from High Winds events
Ice/Snow Hazard Goal: Mitigate the impact of Ice/Snow on Indian Springs Village	Objective IS.1: Improve Indian Springs Village's Ice/Snow warning and information distribution to citizens Objective IS.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Ice/Snow events. Objective IS.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Ice/Snow events
Pandemic Hazard Goal: Mitigate the impact of a Pandemic on	Objective PD.1: Improve Indian Springs Village's Pandemic/Vector warning and information distribution to citizens Objective PD.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Pandemic/Vector events. Objective PD.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Pandemic/Vector events



**Indian Springs Village
All Hazards Mitigation Action Plan**

Wildfire Hazard Goal: Mitigate the impact of Wildfires on Indian Springs Village	Objective WF.1: Improve Indian Springs Village's Wild-land Fire warning and information distribution to citizens Objective WF.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Wild-land Fire events Objective WF.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Wild-land Fire events
HAZMAT Hazard Goal: Mitigate the impact of HAZMAT events on Indian Springs Village	Objective HM.1: Improve Indian Springs Village's Hazardous Materials spill or release warning and information distribution to citizens Objective HM.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Hazardous Materials spill/release events Objective HM.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Hazardous Materials spill/release events
Illegal Drug Lab Hazard Goal: Mitigate the impact of Illegal Drug Laboratories on Indian Springs Village	Objective ID.1: Improve Indian Springs Village's Illegal Drug Laboratories warning and information distribution to citizens Objective ID.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Illegal Drug Laboratories Objective ID.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Illegal Drug Laboratories existence
Terror Hazard Goal: Mitigate the impact of terrorist events on Indian Springs Village	Objective TR.1: Improve Indian Springs Village's Domestic/International Terrorism warning and information distribution to citizens Objective TR.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Domestic/International Terrorism events Objective TR.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Domestic/International Terrorism events
Urban Fire Hazard Goal: Mitigate the impact of Urban Fires on Indian Springs Village	Objective UF.1: Improve Indian Springs Village's Urban Fire warning and information distribution to citizens Objective UF.2: Improve Indian Springs Village's 1 st responder capabilities to prepare for and respond to Urban Fire events Objective UF.3: Improve Indian Springs Village's capability to prepare for, respond to and recover from Urban Fire events

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 schools/special needs/local populations to develop emergency preparedness/response plans.	FD, City Govt	Local Funds	1,000 100,000	On Going	88
HW1c	Educate special needs/school/local populations on High Wind preparedness and response	FD, NWS, EMA	Local Funds	1,000 100,000	On Going	87



**Indian Springs Village
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW1c	Distribute High Wind preparedness information to all populations	NWS, FD, EMA	Local Funds	1,000 100,000	On Going	87
UF1a	Educate school, special needs and the community populations on fire safety and response	FD, BOE	Grant, Local Funds	5,000 100,000	On Going	85
UF1b	Educate school, special needs and the community population on fire extinguisher use	FD	Local Funds	1,000 100,000	On Going	85
AH1e	Distribute safe room/shelter in place information to schools/special needs/local populations	FD, SCSO, BOE	Local Funds	1,000 100,000	On Going	84
UF3d	Develop fire plans for all major businesses and critical facilities	FD	Local Funds	1,000 100,000	On Going	84
TR1b	Educate schools, special needs and government officials on procedures for handling suspicious mail	BOE, SCSO	Local Funds	3,000 50,000	On Going	83
AH3v	Require critical sites to develop and provide to EMA an emergency plan	City Govt. EMA, LEPC	Local Funds	5,000 100,000	On Going	82
HM1b	Educate the public on common hazardous materials in home	FD	Local Funds	1,000 100,000	On Going	82
HM1d	Educate schools, special needs and local population on hazmat evacuation	FD, BOE	Local Funds	1,000 100,000	On Going	82
UF3g	Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	City Govt. FD	Local Funds	1,000 100,000	On Going	82
AH3r	Participate in NFIP's Cooperating Technical Partners Program (CTP)	City Govt	Local Funds	1,000 50,000	On Going	81
HM1c	Educate schools special needs, and community populations on chemical hazards in the area.	FD, BOE	Local Funds	1,000 100,000	On Going	81
HW3a	Adopt/enforce comprehensive Building Code legislation	City Govt	Local Funds	1,000 100,000	On Going	81
PD2e	Exercise response to a pandemic event in conjunction with the medical community	EMA, FD, PD City Govt	HLS Grant, Local Funds	10,000 100,000	2010 2014	81
PD3a	Participate in the national Pandemic surveillance program	City Govt	Local Funds	1,000 100,000	On Going	81
UF2c	Obtain/maintain fire fighting supplies at all fire departments	FD	Grant, Local Funds	30,000 300,000	2009 2014	81
AH3l	Encourage schools to implement an emergency phone line	City Govt. BOE	Local Funds	1,000 10,000	On Going	80
FL1a	Distribute flood awareness and preparedness literature at events	FD	Local Funds	5,000 100,000	On Going	80
FL2a	Obtain PPE for all personnel responding to flood events	FD	Grant, Local Funds	25,000 100,000	2010 2012	80
TR1a	Educate schools, special needs and the community population on recognizing potential terrorist events	BOE, SCSO	Local Funds	1,000 10,000	On Going	80
TR1c	Distribute terrorism awareness information to special needs/schools/local populations	SCSO	Local Funds	1,000 100,000	On Going	80
TR1d	Educate school, special needs, officials and the local population on terrorism preparedness info.	BOE, SCSO	Local Funds	1,000 100,000	On Going	80
TR1e	Post terrorism and bomb identification information in buildings and schools	BOE, SCSO	Local Funds	1,000 100,000	On Going	80

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
TR1f	Identify/distribute to appropriate officials potential terrorism targets information	SCSO, FD	Local Funds	1,000 100,000	On Going	80
TR2a	Train terror response agencies on terrorist potential and county potential terrorism targets.	SCSO, FD	HLS Grant, Local Funds	25,000 100,000	2009 2011	80
AH3a	Adopt the National Incident Management System (NIMS)	City Govt	Local Funds	1,000 100,000	2009 2010	79
AH3j	Maintain a supplier list of food, medicines, water and fuel vendors	City Govt	Local Funds	1,000 100,000	On Going	79
AH3u	Ensure that all mutual aid shelter, response, mass casualty and recovery agreements are current	City Govt, FD, SCSO, EMA	Local Funds	1,000 100,000	On Going	79
AH3y	Insure building code compliance Inspections are conducted on construction projects	City Govt	Local Funds	1,000 100,000	On Going	79
HM1g	Establish school hazard materials environmental impact programs	FD, BOE	Local Funds	1,000 100,000	On Going	79
HM2c	Develop/maintain hazmat SOG's/FOG's for 1 st responders	FD, EMA	Local Funds	10,000 100,000	2009 2014	79
IL1a	Educate school and local populations on Meth Lab awareness	BOE, SCSO	Local Funds	1,000 100,000	On Going	79
PD1c	Develop/distribute Pandemic preparedness information to limited English speaking residents	ADPH, City Govt	Local Funds	3,000 100,000	On Going	79
TR3e	Support State Homeland Security strategies to counter terrorism	City Govt	Local Funds	1,000 100,000	On Going	79
TR3e1	Join and/or continue to participate in the Joint Terrorism Task Force.	SCSO	Local Funds	1,000 100,000	On Going	79
TR3k	Assist schools in developing terrorism preparedness and response plans	SCSO, BOE	Local Funds	1,000 100,000	On Going	79
TR3m	Assist special needs facilities to implement a security system	SCSO	Local Funds	1,000 100,000	On Going	79
TR3o	Develop evacuation plans for identified terrorism targets	SCSO, FD	Local Funds	1,000 100,000	On Going	79
UF3c	Encourage fire inspections to be regularly conducted at businesses and industry	FD	Local Funds	1,000 100,000	On Going	79
AH1b	Schedule regular maintenance and testing of hazard warning units (Monthly Testing)	Fire Dept, City Govt	Local Funds	1,000 100,000	On Going	78
AH3t	Annually review and update hazard related legislation	City Govt	Local Funds	1,000 10,000	On Going	78
HM3c	Develop/maintain a citywide hazard materials response plan	FD, EMA, LEPC	Grant, Local Funds	5,000 100,000	2009 2010	78
HM3i	Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	FD, EMA, LEPC	Local Funds	1,000 100,000	On Going	78
IL3a	Join/participate in local state and federal drug task forces	SCSO	HLS Grant, Local Funds	1,000 100,000	2009 2014	78
PD2a	Obtain infectious disease PPE for all personnel responding to a pandemic	ADPH, City Govt	Grant, Local Funds	25,000 100,000	2010 2011	78
UF3b	Ensure that fire codes are rigidly enforced with citations issued for violations.	FD, SCSO,	Local Funds	1,000 100,000	On Going	78

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
FL3a	Participate in the National Flood Insurance Program (NFIP)	City Govt	Local Funds	1,000 100,000	On Going	77
HM3h	Maintain a current list of Hazardous Materials spill clean up companies available to the county	FD LEPC, EMA	Local Funds	1,000 100,000	On Going	77
PD1a	Educate special needs/schools/local populations on preparedness and self care for a Pandemic event	ADPH, City Govt	Local Funds	1,000 100,000	On Going	77
WF1b	Educate business/school/local populations on the causes of wild land fires	AFC, FD	Local Funds	1,000 100,000	On Going	77
WF1f	Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	City Govt	Local Funds	2,000 100,000	On Going	77
AH2c	Train 1 st responders in search and rescue techniques	SCSO, FD	Grant, Local Funds	10000 100,000	2009 2014	76
AH3o	Encourage all businesses, schools, special needs and government facilities to post evacuation routes	City Govt. SCSO	Local Funds	1,000 50,000	On Going	76
AH3p	Develop/implement/maintain the jurisdictions Mitigation Action Plan	City Govt. FD, SCSO, EMA	Grant, Local Funds	In-Kind Service	On Going	76
AH3s2	Develop strategies to prevent loss of public records	City Govt	Local Funds	5,000 100,000	On Going	76
HW2c	Train 1 st responders to respond to High Wind events	FD, SCSO	Grant Local Funds	25,000 100,000	2009 2014	76
PD2c	Develop a list of 1 st responders for early infectious disease vaccination	City Govt	Local Funds	1,000 10,000	2009 2010	76
UF2a	Obtain fire PPE for all personnel responding to fire incidents	FD	Grant, Local Funds	85,000 500,000	2009 2014	76
UF2d	Train all fire responders in fire combat techniques annually	FD	Grant Local Funds	5,000 100,000	2009 2014	76
UF3a	Ensure that NFPA standards and codes are followed.	City Govt. FD	Local Funds	1,000 100,000	On Going	76
UF3j	Adopt/enforce legislation to restrict the disposal of flammable liquids and other hazardous materials	City Govt	Local Funds	5,000 100,000	On Going	76
AH2b	Evaluate/maintain 1st responders emergency kits annually	FD	Local Funds	5000 100,000	On Going	74
AH2g	Train 1 st responders and officials on the National Incident Management System (NIMS)	City Govt, SCSO, FD	DHL Grant Local Funds	10,000 100,000	2009 2014	74
AH2h	Train 1 st responders and officials in Emergency Operations Center Ops and the EOP	City Govt. SCSO, FD	Local Funds	1,000 100,000	2009 2010	74
AH2i	Train 1 st responders/officials in performing damage assessments.	City Govt. FD, EMA	Local Funds	5,000 100,000	On Going	74
AH3k	Obtain disaster supply kits for schools/special needs facilities	City Govt. FD, BOE	Grant Local Funds	15,000 100,000	2010 2013	74
HM1a	Educate school/special needs/local populations on hazardous materials preparedness and response	FD, BOE	Local Funds	1,000 100,000	On Going	74
HM2d	Fund hazmat response training for all 1 st responders	FD, EMA	HLS Grant	25,000 100,000	2010 2012	74
HW1a	Obtain NOAA weather radios for schools, government and special needs facilities	FD, BOE	Grant, Local Funds	30,000 100,000	2010 2013	74



**Indian Springs Village
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW2b	Obtain 1 st responder PPE and supplies for High Wind response	FD, City Govt	HLS Grant	50,000 100,000	2010 2012	74
IS3d	Establish snow and ice removal methods	FD, City Govt	Local Funds	1,000 100,000	On Going	74
PD3h	Adopt/enforce Pandemic Flu legislation to cancel large public and private events	City Govt	Local Funds	1,000 100,000	On Going	74
UF2h	Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	FD	Grant, Local Funds	10,000 100,000	On Going	74
WF1c	Educate school/special needs/local populations on preparedness and response to a wild-land fire	AFC, FD, BOE	Local Funds	1,000 100,000	On Going	74
WF1d	Distribute wildfire awareness and prevention information	AFC, FD	Local Funds	1,000 100,000	On Going	74
WF1e	Work with the DNR to distribute USFS fuels reduction information (Firewise.)	AFC, FD	Local Funds	1,000 100,000	On Going	74
WF3g	Maintain contact with the Forestry office that issues daily "fire potential" reports	AFC, FD	Local Funds	1,000 10,000	On Going	74
AH1d	Obtain backup power systems for audible warning devices	City Govt	Grant	1,000 100,000	2010 2012	73
AH2a	Obtain/distribute interoperable radios for all 1 st responders	FD	Grant, Local Funds	5000 100,000	2011 2013	73
AH2e	Train 1 st responders on responding to mass casualty events	FD, SCSO	Grants, DHL Grants	10,000 100,000	2009 2014	73
HM2a	Obtain PPE for all personnel responding to hazmat incidents	FD, EMA	HLS Grant Local Funds	100,000 300,000	2010 2013	73
HW2d	Exercise a High Wind event with 1 st responders at least annually	City Govt. FD, SCSO	Local Funds	10,000 100,000	2010 2014	73
UF2b	Train firefighters to obtain for state and national certifications	FD	Grant, Local Funds	30,000 100,000	2009 2014	73
UF3e	Adopt/enforce sprinkler and smoke alarm legislation	City Govt. FD	Local Funds	1,000 100,000	On Going	73
WF2g	Identify Private 1 st responders and contractors to assist in wild-land fire response	FD	Local Funds	1,000 10,000	On Going	73
AH1c	Obtain and/or expand warning sirens to for all uncovered areas (2 locations)	City Govt	Grant, Local Funds	40,000 400,000	2010 2012	72
AH3e1	Assist non-governmental critical facilities to obtain emergency generators/pigtails	City Govt	Grant, Local Funds	3,000 100,000	2010 2013	72
AH3o1	Obtain signage to direct the public evacuation during hazard events	City Govt. FD, SCSO	Grant, Local Funds	10,000 100,000	2010 2012	72
HM3j	Adopt/enforce hazardous materials site building setback legislation	City Govt	Local Funds	1,000 100,000	On Going	72
HW1g	Train citizens in weather observation in conjunction with the National Weather Service	NWS, FD, EMA	Local Funds	1,000 10,000	On Going	72
HW3g	Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	City Govt	Local Funds	1,000 100,000	On Going	72
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	72



**Indian Springs Village
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
UF3k	Obtain smoke detectors and provide free to residents in need.	City Govt. FD	Grant, Local Funds	10,000 100,000	2010 2014	72
WF1a	Educate homeowners/businesses on wildfire fuels reduction	AFC, FD	Local Funds	1,000 100,000	On Going	72
HM3b	Maintain and annually update an inventory of hazmat sites.	FD, EMA, LEPC	Local Funds	1,000 100,000	On Going	71
HW1g	Develop a plan to provide weather radios to low income residents	City Govt. FD	Grant, Local Funds	10,000 100,000	2009 2014	71
IL2b	Train 1 st responders in Methamphetamine Lab chemicals	SCSO	HLS Grant, Local Funds	25,000 100,000	2009 2014	71
IL2c	Provide Meth Lab training to all personnel responding to Meth Labs	SCSO	HLS Grant	25,000 100,000	2009 2010	71
AH2d	Exercise 1 st responder and hospital Mass Casualty plans regularly.	FD, SCSO	Local Funds	15000 100,000	2009 2014	70
AH3i1	Evaluate shelter requirements annually & develop a program to add necessary shelters	ARC, City Govt. EMA, ADPH	Local Funds Grants	5,000 200,000	On Going	70
WF3i	Adopt/enforce wildfire legislation that includes burning bans	City Govt. FD	Local Funds	1,000 100,000	On Going	70
FL2b	Train all 1 st responders on repetitive flooding areas and structures	FD	Grant, Local Funds	5,000 100,000	2010 2011	69
FL3a4	Educate developers, builders and the public on the location of NFIP designated flood prone areas	City Govt	Local Funds	2,000 100,000	On Going	69
HM3h	Enforce pre-planning requirements for Extremely Hazardous Substances (EHS)	City Govt. FD, LEPC	Local Funds	1,000 100,000	On Going	69
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	69
HW3h	Adopt/enforce legislation to control construction standards of mobile homes moved into the city.	City Govt	Local Funds	1,000 100,000	On Going	69
IL2a	Obtain PPE for all personnel that respond to Meth Labs	SCSO, EMA	HLS Grant, Local Funds	75,000 100,000	2011 2014	69
TR2e	Obtain terrorism PPE for personnel responding to terrorism incidents	EMA, SCSO, FD	HLS Grant, Local Funds	50,000 100,000	2009 2012	69
TR2f	Obtain terrorism response and control equipment and supplies	EMA, SCSO, FD	HLS Grant, Local Funds	50,000 100,000	2010 2013	69
TR2i	Obtain CBRNE detection devices and train 1 st responders on use	FD, EMA	HLS Grant Local Funds	50,000 100,000	2012 2014	69
AH3s	Obtain funds for critical government departments to develop Continuity of Operations Plans	City Govt	Grant, Local Funds	30,000 500,000	On Going	68
HM2e	Maintain an inventory of Mark I packs to respond to chemical agents	FD	Grant, Local Funds	30,000 50,000	On Going	68
HM2f	Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	FD, SCSO, EMA	Grant, HLS Grant	10,000 100,000	2009 2014	68
Hm3e	Obtain hazmat containment equipment for water, roads/railroads	FD, EMA	Grant, Local Funds	75,000 300,000	2010 2012	68
PD2a	Obtain appropriate Pandemic personal protected equipment (PPE) and fit for 1 st responders	ADPH, City Govt	Grant, Local Funds	25,000 100,000	2010 2013	68



**Indian Springs Village
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
PD3c	Develop a traffic flow and security plan for medical dispensing sites	SCSO, ADPH	Local Funds	1,000 100,000	2009 2010	68
TR2b	Train all terrorism 1 st responders in terrorism attack techniques	FD SCSO	HLS Grant, Local Funds	25,000 100,000	2009 2014	68
TR2c	Train 1st responders and agencies on CBRNE response	FD SCSO	Local Funds	5,000 100,000	2009 2010	68
TR2g	Train all appropriate 1 st responders in CBRNE agents	SCSO, FD	HLS Funds Local Funds	10,000 100,000	2010 2013	68
UF1d	Obtain a fire education-training trailer for the jurisdiction.	FD	Grant, Local Funds	100,000 1,000,000	2011 2013	68
UF3f	Obtain fire equipment to combat fires where water hydrants are non-existent	FD	Grant, Local Funds	10,000 100,000	2009 2013	68
FL3a1	Adopt/enforce an NFIP flood plain management plan	City Govt	Local Funds	1,000 100,000	On Going	67
FL3a2	Adopt/enforce floodplain legislation to require structures built to be elevated above the NFIP BSE	City Govt	Local Funds	5,000 100,000	On Going	67
WF2c	Train fire 1 st responders in wild-land fire response techniques	FD, AFC	Local Funds	10,000 100,000	2009 2014	67
AH3e	Obtain/install emergency generators or "pigtailed" for critical government facilities and fuel depots. (City Hall, FS 1, 2 & 3)	City Govt. EMA	Grant, Local Funds	150,000 400,000	2010 2012	66
PD2b	Train Pandemic event 1 st responders on preparedness and response actions	ADPH, FD	Local Funds	10,000 100,000	On Going	66
TR2j	Exercise a potential terrorism event with 1 st responders at least annually	SCSO, FD, EMA	Local Funds	10,000 100,000	2009 2014	66
UF3h	Acquire and install six inch water mains/hydrants city wide	City Govt	Grant, Local Funds	500,000 1,000,000	2011 2014	66
WF2e	Obtain DNR compatible radios for interoperable communications.	City Govt. FD	Grant, HLS Grant	30,000 100,000	2011 2012	66
FL3d	Participate in the NFIP Community Rating System	City Govt	Local Funds	1,000 100,000	2010 2014	65
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
Hm2b	Obtain hazmat detecting equipment for 1 st responders	FD, EMA	HLS Grant	50,000 100,000	2009 2011	64
HM3d	Obtain monitoring equipment for high risk hazmat sites	FD, EMA	HLS Grant, Local Funds	50,000 300,000	2010 2012	64
WF2f	Exercise fire response regularly for residences, businesses and industry	FD	Local Funds	5,000 100,000	On Going	63
FL3e	Inspect and maintain natural drainage channels to clear beaver dams and debris	City Govt. FD	Grant, Local Funds	25,000 2100,000	2010 2012	62
FL3h	Request a study of the feasibility of flood control measures along the Cahaba tributaries.	City Govt	Grant, Local Funds	25,000 100,000	2011 2012	62
HW3e	Obtain funding to build mobile home community storm shelters	City Govt, EMA	Grant Local Funds	250,000 500,000	2010 2014	62



**Indian Springs Village
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
WF2b	Obtain specialized equipment to combat wild-land fires.	FD	Grant, Local Funds	50,000 100,000	2009 2013	62
FL3m	Acquire signage to indicate water depth at flooding points	City Govt. FD	Grant, Local Funds	8,000 50,000	2010 2011	61
HM3b	Develop evacuation perimeters and routes for high risk hazmat sites	FD, SCSO, LEPC	Local Funds	1,000 100,000	On Going	61
PD2d	Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	City Govt. ADPH, EMA	Grant, Local Funds	30,000 100,000	2009 2011	61
PD3d	Exercise infectious disease events in conjunction with in Strategic National Stockpile drills	ADPH, EMA, City Govt	Local Funds	1,000 100,000	2009 2014	61
FL3f	Identify roadways, culverts and bridges damaged by flooding	City Govt	Local Funds	4,000 100,000	On Going	60
FL3f1	Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	City Govt	Grant, Local Funds	100,000 300,000	2010 2014	60
HM2g	Acquire and equip a hazardous materials response vehicle	FD, EMA	HLS Grant, Grant	100,000 500,000	2013 2014	59
FL3i	Obtain equipment to build water flow and water retention areas to mitigate flooding	City Govt	Grant, Local Funds	100,000 300,000	2010 2013	58
FL3a5	Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	City Govt	Local Funds	10,000 100,000	On Going	57
FL3g	Update City Land Use Plan to identify areas where development should be restrictive	City Govt	Local Funds	5,000 100,000	On Going	54
FL3g	Adopt/enforce storm water legislation to reduce runoff from developments.	City Govt	Local Funds	1,000 100,000	On Going	54
FL3h	Educate developers on Watershed, Floodplain and wetland development restrictions	City Govt	Local Funds	1,000 100,000	On Going	54
FL3c3	Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	City Govt	Local Funds	1,000 100,000	On Going	53
FL3f	Develop a storm water management plan for the jurisdiction	City Govt	Grant Local Funds	20,000 100,000	2010 2012	52
FL3e	Adopt/enforce land use flood plain wetlands and watershed zoning	City Govt	Local Funds	1,000 100,000	On Going	49
FL3f2	Obtain equipment to mitigate bridge, culverts, and roadway flooding	City Govt	Grant, Local Funds	51,000 100,000	2010 2014	42
FL3f3	Obtain/Install barriers to block flooding roadways and bridges	FD, SCSO, City Govt	Grant Local Funds	12,000 100,000	2010 2011	42
FL3l	Identify alternative access points for single access neighborhoods	City Govt	Local Funds	1,000 10,000	On Going	42

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

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



Indian Springs Village All Hazards Mitigation Action Plan

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
Encourage schools to implement 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
Encourage all 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	1	2	3	3	3	4	4	1	3	3	3	3	3	68
Develop strategies to prevent loss of public records	2	0	4	9	3	3	3	2	3	2	2	2	2	3	3	3	4	4	4	3	3	3	3	3	3	76
Annually review and update hazard related legislation	2	3	2	9	2	2	3	3	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	78
Ensure that all mutual aid shelter, response, mass casualty and recovery agreements are current	2	3	2	9	3	2	3	3	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	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
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
Distribute flood awareness and preparedness literature at events	2	6	2	5	3	2	3	2	3	2	3	3	2	3	3	3	6	6	3	3	3	3	3	3	3	80
Obtain PPE for all personnel responding to flood events	2	6	4	5	3	3	3	2	3	2	3	3	3	3	3	3	4	4	4	2	3	3	3	3	3	80
Train all 1 st responders on repetitive flooding areas and structures	2	3	2	5	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	69
Participate in the National Flood Insurance Program (NFIP)	3	0	4	5	3	3	3	3	2	3	2	2	2	3	3	3	6	6	3	3	3	3	3	3	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	67
Adopt/enforce floodplain legislation to require structures built to be elevated above the NFIP BSE	2	3	6	5	3	3	2	1	2	1	1	1	1	2	3	3	2	4	6	3	3	2	2	2	2	67
Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	2	0	2	5	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	2	2	2	3	64



Indian Springs Village All Hazards Mitigation Action Plan

Educate developers, builders and the public on the location of NFIP designated flood prone areas	2	3	4	5	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	2	2	2	3	69
Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	2	3	4		3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	3	3	3	3	3	3	57
Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	2	6	4		3	3	3	1	3	1	2	2	2	3	3	2	4	4	3	3	2	2	2	2	3	53
Participate in the NFIP Community Rating System	3	0	0		3	2	3	3	3	2	2	2	3	3	3	3	6	6	3	3	3	3	3	3	3	65
Adopt/enforce land use flood plain wetlands and watershed zoning	2	3	4		3	3	2	1	2	1	2	1	1	3	3	2	4	4	3	3	2	2	2	2	3	49
Inspect and maintain natural drainage channels to clear beaver dams and debris	2	6	6		2	2	2	3	2	2	2	2	2	3	3	2	6	6	6	2	3	3	3	3	3	62
Develop a storm water management plan for the jurisdiction	2	3	2		3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	3	2	2	2	2	3	52
Identify roadways, culverts and bridges damaged by flooding	3	0	2		3	2	3	2	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	60
Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	3	0	2		3	2	3	2	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	60
Obtain equipment to mitigate bridge, culverts, and roadway flooding	2	6	4		3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	42
Obtain/Install barriers to block flooding roadways and bridges	2	6	4		3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	42
Update City Land Use Plan to identify areas where development should be restrictive	2	6	2		3	2	2	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	54
Adopt/enforce storm water legislation to reduce runoff from developments.	2	3	6		3	2	2	3	2	2	2	2	1	3	3	1	4	4	2	3	3	3	3	3	3	54
Educate developers on Watershed, Floodplain and wetland development restrictions	2	0	2		3	3	2	1	2	1	2	2	2	3	3	2	4	6	3	3	2	2	2	2	3	54
Request a study of the feasibility of flood control measures along the Cahaba tributaries.	2	3	4		3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	62
Obtain equipment to build water flow and water retention areas to mitigate flooding	2	6	6		3	3	3	2	2	2	2	1	2	3	3	3	4	4	6	1	3	2	3	3	3	58
Identify alternative access points for single access neighborhoods	2	6	6		3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	42
Acquire signage to indicate water depth at flooding points	2	6	6		3	3	2	2	2	2	2	2	3	3	3	6	4	6	1	2	3	3	3	3	3	61
Educate school/special needs/local populations on hazardous materials preparedness and response	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 the public on common hazardous materials in home	3	6	2	7	3	2	3	2	3	2	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	82
Educate schools special needs, and community populations on chemical hazards in the area.	2	6	2	7	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 population on hazmat evacuation	3	6	2	7	3	2	3	2	3	2	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	82



Indian Springs Village All Hazards Mitigation Action Plan

Establish school hazard materials environmental impact programs	3	6	0	7	3	2	3	2	3	2	3	2	2	3	3	3	3	3	6	6	1	3	3	3	3	3	3	3	79
Obtain PPE for all personnel responding to hazmat incidents	2	6	2	7	3	2	3	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	73	
Obtain hazmat detecting equipment for 1 st responders	1	3	2	7	3	2	3	2	1	1	2	2	2	3	3	3	4	4	2	1	3	3	2	2	3	64			
Develop/maintain hazmat SOG's/FOG's for 1 st responders	2	6	2	7	3	2	3	1	3	1	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	79		
Fund hazmat response training for all 1 st responders	2	6	2	7	3	2	3	2	2	2	3	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	74		
Maintain an inventory of Mark I packs to respond to chemical agents	2	3	0	7	3	2	3	1	2	2	3	2	2	3	3	3	4	4	1	3	3	3	3	3	3	3	68		
Exercise an annual hazardous materials event with appropriate agencies and 1 st responders	2	6	2	7	3	2	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	3	68		
Acquire and equip a hazardous materials response vehicle	2	3	2	7	3	3	3	2	1	1	1	1	1	3	3	3	2	2	2	1	3	3	2	2	3	59			
Develop evacuation perimeters and routes for high risk hazmat sites	2	0	0	7	3	2	3	2	2	1	1	2	2	3	3	3	2	4	2	2	3	3	3	3	3	3	61		
Maintain and annually update an inventory of hazmat sites.	2	0	0	7	3	2	3	2	3	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	71			
Develop/maintain a citywide hazard materials response plan	2	6	4	7	3	2	3	2	3	2	2	2	2	3	3	3	6	4	2	2	3	3	3	3	3	78			
Obtain monitoring equipment for high risk hazmat sites	1	6	2	7	3	3	2	3	1	1	1	1	2	3	3	3	4	2	2	1	3	3	2	2	3	64			
Obtain hazmat containment equipment for water, roads/railroads	2	6	4	7	3	3	2	2	1	2	1	1	2	3	3	2	4	2	2	1	3	3	3	3	3	68			
Enforce pre-planning requirements for Extremely Hazardous Substances (EHS)	2	3	4	7	3	3	3	2	2	2	2	2	2	3	3	3	4	1	2	1	3	3	3	3	3	69			
Maintain a current list of Hazardous Materials spill clean up companies available to the city	2	0	2	7	3	2	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	77			
Enforce S.A.R.A. Title III and Tier II company reporting of hazardous chemicals.	2	6	2	7	3	2	3	1	3	2	3	3	3	3	3	3	4	6	3	3	3	3	2	2	3	78			
Adopt/enforce hazardous materials site building setback legislation	1	6	2	8	3	3	2	1	2	1	2	1	1	3	3	2	4	6	3	3	3	3	3	3	3	72			
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	74			
Educate special needs/school/local populations on High Wind preparedness and response	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	87			
Distribute High Wind preparedness information to all 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	3	87			
Develop a plan to provide weather radios to low income residents	2	6	0	8	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	71			
Train citizens in weather observation in conjunction with the National Weather Service	2	6	0	8	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	72			
Obtain 1 st responder PPE and supplies for High Wind response	2	6	0	8	3	2	3	1	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	74			
Train 1 st responders to respond to High Wind events	3	6	0	8	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	76			



Indian Springs Village All Hazards Mitigation Action Plan

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	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	81
Develop a debris clearance program that can be utilized citywide	3	0	2	3	3	3	1	1	3	2	3	3	3	3	3	3	6	6	6	3	2	2	1	2	2	69	
Obtain funding to build mobile home community storm shelters	2	6	0	3	3	3	2	2	1	2	2	2	2	3	3	2	4	2	2	1	3	3	3	3	3	62	
Adopt/enforce tie down and skirting legislation for mobile homes and mobile home parks	2	6	4	3	3	3	3	1	3	1	2	3	2	3	3	2	4	4	2	3	3	3	3	3	3	72	
Adopt/enforce legislation to control construction standards of mobile homes moved into the city.	2	6	2	3	3	3	3	1	3	1	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	69	
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	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	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	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	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	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	74	
Educate special needs/schools/local populations on preparedness and self care for a Pandemic event	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	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	79	
Obtain infectious disease PPE for all personnel responding to a pandemic	2	6	0	5	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	78	
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	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	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	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	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	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	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	68	



Indian Springs Village All Hazards Mitigation Action Plan

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	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	74
Educate schools, special needs and the community population on recognizing potential terrorist events	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	80
Educate schools, special needs and government officials on procedures for handling suspicious mail	3	9	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	83
Distribute terrorism awareness information to special needs/schools/local populations	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	80
Educate school, special needs, officials and the local population on terrorism preparedness info.	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	80
Post terrorism and bomb identification information in buildings and schools	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	80
Identify/distribute to appropriate officials potential terrorism targets information	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	80
Train terror response agencies on terrorist potential and county potential terrorism targets.	3	6	2	4	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	80
Train all terrorism 1 st responders in terrorism attack techniques	2	6	0	4	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	68
Train 1 st responders and agencies on CBRNE response	2	6	0	4	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	68
Obtain terrorism PPE for personnel responding to terrorism incidents	2	6	0	4	3	2	3	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	69
Obtain terrorism response and control equipment and supplies	2	6	0	4	3	2	3	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	69
Train all appropriate 1 st responders in CBRNE agents	2	6	0	4	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	68
Obtain CBRNE detection devices and train 1 st responders on use	2	6	0	4	3	2	3	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	69
Exercise a potential terrorism event with 1 st responders at least annually	2	6	2	4	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	3	66
Support State Homeland Security strategies to counter terrorism	3	3	2	4	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Join and/or continue to participate in the Joint Terrorism Task Force.	3	3	2	4	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Assist schools in developing terrorism preparedness and response plans	3	3	2	4	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Assist special needs facilities to implement a security system	3	3	2	4	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Develop evacuation plans for identified terrorism targets	3	3	2	4	3	3	3	2	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	79
Educate school, special needs and the community populations on fire safety and response	3	6	4	7	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	85



**Indian Springs Village
All Hazards Mitigation Action Plan**

Work with the DNR to distribute USFS fuels reduction information (Firewise.)	3	6	2	1	3	2	3	2	3	2	3	2	3	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74
Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	3	6	2	1	3	2	3	2	3	2	3	2	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	77
Obtain specialized equipment to combat wild-land fires.	2	6	2	1	3	3	2	3	1	1	1	1	2	3	3	3	3	4	2	3	1	3	3	3	3	3	3	62	
Train fire 1 st responders in wild-land fire response techniques	2	6	2	1	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	67	
Obtain DNR compatible radios for interoperable communications.	2	6	2	1	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	3	66	
Exercise fire response regularly for residences, businesses and industry	2	6	2	1	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	3	63			
Identify Private 1 st responders and contractors to assist in wild-land fire response	2	3	2	1	3	1	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	73		
Maintain contact with the Forestry office that issues daily "fire potential" reports	3	3	2	1	3	2	3	2	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	74		
Adopt/enforce wildfire legislation that includes burning bans	2	6	2	1	3	3	2	1	3	1	3	3	2	3	3	2	4	6	2	3	3	3	3	3	3	3	70		