

APPENDIX B

Planning Process

To Audrain County Hazard Mitigation Planning Committee
From Chandra Beaver, Fiscal Officer/Community Planner
 Mark Twain Regional Council of Governments
Tel / E-mail 573-565-2203/ beavercog@rallstech.com
Date November 28, 2018
Subject Minutes from Audrain County Hazard Mitigation Planning Kickoff Meeting
 held on November 28, 2018

This document is a record of attendance and a summary of the issues discussed during the above meeting. The presentation began with an introduction on the purpose of hazard mitigation planning, grant programs linked to an approved plan, and the benefits of a multi-jurisdictional approach. The hazard mitigation planning process was reviewed to include requirements for participation and public involvement and the use of data collection questionnaires. The planning committee participated in a discussion of the hazards that have the potential to impact Audrain County, including preliminary research on each hazard. The sources for compiling a GIS layer of critical facilities were also discussed and additional sources identified by planning committee members were noted. The meeting concluded with a discussion of the next steps in the planning process. The meeting was held at the Audrain County Courthouse Meeting Room, 101 N Jefferson St, Mexico, MO 65265 from 1:00pm-2:00pm.

Attendees

Name	Title	Department	Jurisdiction
Nicholas <i>Tietsort</i>	<i>EMD</i>	Audrain Co Emergency Mang.	Audrain County
Kensey Russell	Public Works Director	City of Mexico	City of Mexico
Brice Mesko	Major	Mexico Public Safety	City of Mexico
Susan Rockott	Chief	Mexico Public Safety	City of Mexico
Marcy LeCount	City Clerk	City of Mexico	City of Mexico
Drew Williford	Civil Engineer Mexico	City of Mexico	City of Mexico
Matt Kreyling	Building Official	City of Mexico	City of Mexico
Rita Jackson	Comm Dev Director	City of Mexico	City of Mexico
Brandie Gay	Vandalia City Clerk	Vandalia	Vandalia
Darren Berry	City Administrator	Vandalia	Vandalia
Alan Winders	Associate Commissioner	Audrain County	Audrain County
Steve Hobbs	Presiding Commissioner	Audrain County	Audrain County
Kerri Ferrari	Board of Vandiver Village	Vandiver Village	Vandiver Village
Kerri Ferrari	Mexico Public Schools	Mexico Public Schools	Mexico Public Schools
Cindy Hultz	Executive Director	MTRCOG	MTRCOG
Chandra Beaver	Fiscal Officer/Community Planner	MTRCOG	MTRCOG

Introductions

Chandra Beaver, Fiscal Officer/Community Planner with Mark Twain Regional Council of Governments began the meeting by welcoming and thanking the attendees for coming and having all attendees introduce themselves and the jurisdiction or entity they were representing.

Hazard Mitigation Planning Purpose

Chandra Beaver, Fiscal Officer/Community Planner with Mark Twain Regional Council of Governments presented information on the purpose of Hazard Mitigation Planning and the Disaster Mitigation Act of

2000. The attendees were reminded this is an update of the Audrain County Hazard Mitigation Plan, previously approved in December 2015. The current plan expires in December 2019.

Grant Programs Linked to Approved Plan

Chandra Beaver briefly discussed the FEMA Hazard Mitigation Assistance grants that require participation in an approved Hazard Mitigation Plan for jurisdictions to be eligible to apply. These include: Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program, and Flood Mitigation Assistance Program

Planning Tasks / Multi-Jurisdictional Approach

Chandra Beaver discussed the 9 Planning Steps for effective Hazard Mitigation Planning identified in FEMA's March 2013 *Handbook for Local Hazard Mitigation Planning* and addressed the benefits for jurisdictions participating in this mitigation plan update including improved coordination and communication among local jurisdictions. Impacts of hazards do not stop at jurisdictional boundaries. This multi-jurisdictional approach allows for a more comprehensive risk assessment and resulting mitigation strategy for the entire planning area. The following jurisdictions have been invited to participate as "official participants" in the Audrain County Multi-jurisdictional Hazard Mitigation Plan Update:

- Audrain County
- Benton City
- Farber
- Laddonia
- Martinsburg
- Mexico
- Vandalia
- Mexico 59 School District
- Van Far R-1 School District
- Community R-VI School District

Participation Requirements

Chandra Beaver also described the role of the HMPC. Each jurisdiction participating in development of the plan must meet the following minimum requirements:

1. Designate a representative to serve on the Audrain County HMPC, which will meet **three** times during the planning process,
2. Provide data for and assist in the development of the updated risk assessment that describes how various hazards impact your jurisdiction,
3. Provide data to describe current capabilities,
4. Develop/update mitigation actions (at least one) specific to your jurisdiction,
5. Provide comments on plan drafts as requested,
6. Inform the public, local officials, and other interested parties about the planning process and provide opportunities for them to comment on the plan, and
7. Formally adopt the mitigation plan.

Jurisdictions that choose not to participate in development of a FEMA-approved mitigation plan **will not** be eligible applicants for FEMA Hazard Mitigation Assistance Grants.

Planning for Public Involvement

The local hazard mitigation plan requirements state that the public needs to have the opportunity to comment on the plan. The public will be given two opportunities to comment on the plan, once during the drafting stage and another when the plan is complete in the final draft stage.

The meeting attendees discussed methods for notifying the public in the plan. The attendees decided to submit a press release to the local newspaper and place a public notice in all the participating jurisdictions offices.

Data Collection Questionnaires

Representatives from local governments and school districts were provided with hard copies of Data Collection Questionnaires. The Data Collection Questionnaire is designed to collect information on existing capabilities within each jurisdiction to implement mitigation initiatives as well as collect information on previous hazard events. The questionnaires are different for local units of government and schools. The Data Collection Questionnaires were reviewed as a group and then meeting participants were given time to review the forms individually and note any questions about the forms.

After a short break, a question/answer session took place to facilitate completion of the forms.

The deadline for submittal of the Data Collection Guides is January 11, 2019.

Discussion/Prioritization of Hazards

Initial research information was presented on the hazards being considered for inclusion in the hazard mitigation plan. The attendees decided to continue with all of the previous natural hazards covered in the previous plan.

Critical Facilities

The Risk Assessment will include information on critical facilities for each jurisdiction. A GIS-based inventory of the critical facilities will be developed from a list the Mark Twain Regional Council of Governments currently has and meeting participants were asked to identify additional sources of GIS data for the critical facility inventory.

Next Steps

Attendees were asked to complete their jurisdiction's Data Collection Questionnaire by January 11, 2019. **The 2nd meeting of the Hazard Mitigation Planning Committee for this plan update will be in March with date and time to be determined.** A draft of the risk assessment update will be provided to the committee for review prior to Meeting #2. The meeting will involve a review of the risk assessment results and update of the plan's goals. **The 3rd and final planning meeting is scheduled for April, with date and time to be determined.** Additional details on this meeting will be provided at a later date.

Audrain County
Multi-Jurisdictional Hazard Mitigation Plan Update
Kick-off Planning Meeting
November 28, 2018
1:00pm

Agenda

Welcome/Introductions Chandra Beaver, Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Hazard Mitigation Planning Purpose

Grant Programs Linked to Approved Plan

Planning Tasks / Multi-jurisdictional Approach

Participation Requirements

Public Involvement

Data Collection Questionnaires

Discussion of Hazards

Critical Facilities

Next Steps in the Planning Process

Table 3: Eligible Activities by Program

Eligible Activities			
	HMGP	PDM	FMA
1. Mitigation Projects	✓	✓	✓
Property Acquisition and Structure Demolition	✓	✓	✓
Property Acquisition and Structure Relocation	✓	✓	✓
Structure Elevation	✓	✓	✓
Mitigation Reconstruction	✓	✓	✓
Dry Floodproofing of Historic Residential Structures	✓	✓	✓
Dry Floodproofing of Non-residential Structures	✓	✓	✓
Generators	✓	✓	
Localized Flood Risk Reduction Projects	✓	✓	✓
Non-localized Flood Risk Reduction Projects	✓	✓	
Structural Retrofitting of Existing Buildings	✓	✓	✓
Non-structural Retrofitting of Existing Buildings and Facilities	✓	✓	✓
Safe Room Construction	✓	✓	
Wind Retrofit for One- and Two-Family Residences	✓	✓	
Infrastructure Retrofit	✓	✓	✓
Soil Stabilization	✓	✓	✓
Wildfire Mitigation	✓	✓	
Post-Disaster Code Enforcement	✓		
Advance Assistance	✓		
5 Percent Initiative Projects	✓		
Miscellaneous/Other ⁽¹⁾	✓	✓	✓
2. Hazard Mitigation Planning	✓	✓	✓
Planning Related Activities			✓
3. Technical Assistance			✓
4. Management Cost	✓	✓	✓

⁽¹⁾ Miscellaneous/Other indicates that any proposed action will be evaluated on its own merit against program requirements. Eligible projects will be approved provided funding is available.

Missouri

Current Map > Missouri



Map released: Weds, November 21, 2018

Data valid: November 20, 2018 at 7 a.m. EST

Intensity:

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)

Author(s):

Richard Heim, NOAA/NCEI

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Map Download

No text:

Legend:

Legend and statistics table:

Source: <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?MO>

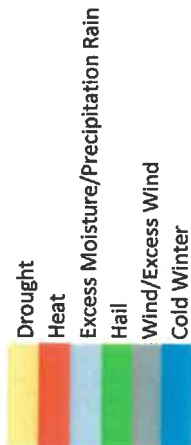
DAMS IN MISSOURI AS OF 7/20/2017 - MISSOURI DEPARTMENT OF NATURAL RESOURCES

Although this data set has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the Department as to the accuracy of the data. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the Department in the use of these data or related materials.

COUNTY	LOCATION	ID_NO	NAME	YEAR COMPLETE	LENGTH	DAMHT	RESAREA	DRAINAGE AREA (acres)	STATE REGULATED	HAZARD CLASS	MIT NUMBER
AUDRAIN	S36, T51 N, R09W	MO10082	TEAL LAKE DAM	1969	0	20	78	3387	N		1
AUDRAIN	S25, T50 N, R10W	MO10048	FEUTZ LAKE DAM EAST UPPER	1962	0	20	8	185	N		3
AUDRAIN	S25, T51 N, R09W	MO10105	C + A LAKE DAM	1919	0	27	39	1869	N		2
AUDRAIN	S13, T51 N, R10W	MO10122	LOCKE LAKE DAM WEST	1953	0	15	15	210	N		3
AUDRAIN	S15, T50 N, R10W	MO10229	BASTIAN LAKE DAM	1969	0	23	19	145	N		3
AUDRAIN	S35, T52 N, R06W	MO10296	VANDALIA COMMUNITY LAKE DAM	1956	0	21	38	503	N		2
AUDRAIN	S18, T50 N, R10W	MO10383	WILLIAM DAM SOUTH SEC 18	1973	0	25	30	470	N		2
AUDRAIN	S16, T50 N, R09W	MO10440	SYDENSTRICKER DAM	1973	850	20	8	340	N		3
AUDRAIN	S19, T50 N, R09W	MO10441	BASTIAN LAKE DAM	1973	0	18	30	270	N		3
AUDRAIN	S27, T51 N, R08W	MO10442	FAIRCHILD DAM	1972	1533	21	4	128	N		3
AUDRAIN	S13, T50 N, R10W	MO10443	AUGUST H FENCK SR DAM	1969	0	15	20	1140	N		3
AUDRAIN	S30, T51 N, R08W	MO10470	BLACKMORE LAKE DAM	1962	0	32	25	120	N		2
AUDRAIN	S16, T51 N, R09W	MO10471	MONONAME 102	1967	0	19	7	93	N		3
AUDRAIN	S08, T51 N, R06W	MO10521	FOREE LAKE DAM	1970	0	26	15	120	N		2
AUDRAIN	S18, T51 N, R09W	MO10677	LOCKE LAKE DAM EAST	1957	0	15	10	100	N		3
AUDRAIN	S13, T51 N, R10W	MO10678	LOCKE LAKE DAM NORTH	1953	0	25	18	310	N		2
AUDRAIN	S21, T51 N, R08W	MO10679	DIANE LAKE DAM (DRY)	1967	0	20	9	1030	N		3
AUDRAIN	S33, T50 N, R08W	MO10680	ROGERS LAKE DAM	1973	0	15	25	430	N		3
AUDRAIN	S22, T52 N, R06W	MO10734	ALTON LAKE DAM	1964	0	15	21	1020	N		3
AUDRAIN	S30, T51 N, R08W	MO10735	BURLINGTON LAKE DAM	1900	0	28	17	735	N		3
AUDRAIN	S36, T50 N, R09W	MO10858	BUCKNER LAKE DAM	1968	0	24	10	98	N		3
AUDRAIN	S14, T50 N, R07W	MO10859	NORFOLK LAKE DAM (DRY)	1940	0	15	14	200	N		2
AUDRAIN	S08, T50 N, R10W	MO10860	SHELLABARGER DAM SOUTH	1970	0	20	18	130	N		2
AUDRAIN	S28, T50 N, R10W	MO10866	HOLLANDER DAM	1967	0	15	10	150	N		3
AUDRAIN	S23, T52 N, R09W	MO10871	MONONAME 610	1971	0	15	7	47	N		3
AUDRAIN	S36, T53 N, R11W	MO11154	DONALDSON LAKE DAM	1977	0	15	16	380	N		2
AUDRAIN	S10, T50 N, R10W	MO11158	SHELLABARGER LAKE DAM	1974	0	20	20	135	N		2
AUDRAIN	S24, T50 N, R11W	MO11161	OBERLAG LAKE DAM	1975	1163	19	8	85	N		3
AUDRAIN	S15, T51 N, R09W	MO11163	DEIMEKE LAKE DAM	1976	430	22	5	26	N		3
AUDRAIN	S20, T50 N, R10W	MO11164	BRUNS DAM	0000	0	15	10	230	N		3
AUDRAIN	S31, T50 N, R10W	MO11166	PRATER DAM SOUTH	0000	0	15	11	80	N		3
AUDRAIN	S21, T52 N, R09W	MO11190	BOYES LAKE DAM	1977	0	16	40	350	N		3
AUDRAIN	S20, T52 N, R09W	MO11191	SWEITZER LAKE DAM	1975	0	20	16	165	N		3
AUDRAIN	S09, T51 N, R09W	MO11192	KALLENBACH&BECKER LAKE DAM	1977	0	30	15	190	N		3
AUDRAIN	S17, T52 N, R05W	MO11208	KOHL IRRIGATION LAKE-SOUTH	1975	0	14	18	355	N		1
AUDRAIN	S17, T52 N, R05W	MO11209	TALBERT LAKE DAM	1974	0	15	10	255	N		3
AUDRAIN	S17, T52 N, R05W	MO11210	KOHL IRRIGATION LAKE-NORTH	1976	3299	17	1	602	N		3
AUDRAIN	S19, T51 N, R08W	MO11244	LIERHEIMER LAKE DAM	1978	0	25	27	340	N		2
AUDRAIN	S25, T52 N, R12W	MO11330	SIMS LAKE DAM	1975	1830	17	1	230	N		3
AUDRAIN	S05, T52 N, R06W	MO11356	ROBINSON LAKE DAM	1976	2400	21	5	215	N		3
AUDRAIN	S08, T52 N, R06W	MO11357	CARLSON LAKE DAM	1978	0	16	11	110	N		3
AUDRAIN	S30, T51 N, R06W	MO11360	BECKER LAKE DAM	1976	2227	18	10.3	325	N		3
AUDRAIN	S23, T51 N, R06W	MO11362	BESHEARS LAKE DAM	1976	0	28	11	635	N		3
AUDRAIN	S05, T51 N, R06W	MO11363	ROBERTSON DAM	0000	0	10	26	575	N		3
AUDRAIN	S34, T52 N, R06W	MO11367	HAMMETT LAKE DAM	1978	1747	24	7	236	N		3
AUDRAIN	S17, T52 N, R10W	MO11401	COOK LAKE DAM	1978	0	19	9	65	N		2

2018 USDA's Risk Management Agency- Crop Loss Payments

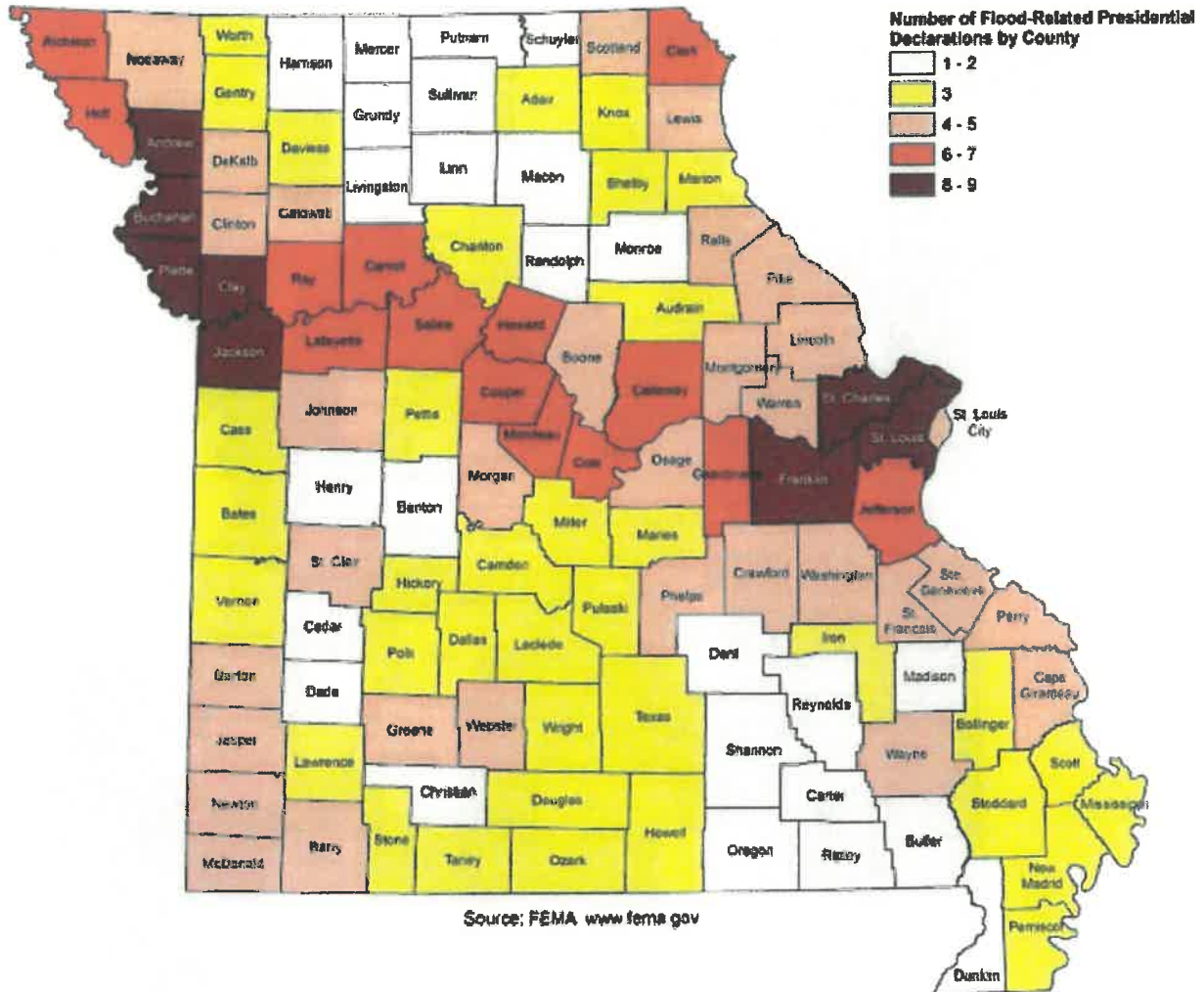
2018	29 MO	7 Audrain	11 WHEAT	2 RP	UH	1 Decline in Price	0.8525	55.56
2018	29 MO	7 Audrain	11 WHEAT	2 RP	H	11 Drought	168.3	5370
2018	29 MO	7 Audrain	11 WHEAT	2 RP	UH	11 Drought	260.5675	9150.44
2018	29 MO	7 Audrain	11 WHEAT	2 RP	H	21 Hail	143.87	2356
2018	29 MO	7 Audrain	11 WHEAT	2 RP	H	31 Excess Moisture/Precipitation/Rain	81.33	8740
2018	29 MO	7 Audrain	11 WHEAT	2 RP	H	43 Cold Winter	40	1413
2018	29 MO	7 Audrain	11 WHEAT	2 RP	UH	43 Cold Winter	39.71	5963
2018	29 MO	7 Audrain	11 WHEAT	2 RP	H	44 Cold Wet Weather	130.873	4385
2018	29 MO	7 Audrain	16 OATS	90 APH	UH	11 Drought	24.4	1260
2018	29 MO	7 Audrain	41 CORN	2 RP	H	1 Decline in Price	1730.723	42192.74
2018	29 MO	7 Audrain	41 CORN	2 RP	UH	1 Decline in Price	2.56087	428.04
2018	29 MO	7 Audrain	41 CORN	2 RP	R	11 Drought	76.55	2426
2018	29 MO	7 Audrain	41 CORN	2 RP	H	11 Drought	8135.692	823521.7
2018	29 MO	7 Audrain	41 CORN	1 YP	H	11 Drought	233.7	9483
2018	29 MO	7 Audrain	41 CORN	2 RP	UH	11 Drought	364.3146	37946.2
2018	29 MO	7 Audrain	41 CORN	2 RP	UH	12 Heat	48.09	585.8
2018	29 MO	7 Audrain	41 CORN	2 RP	H	12 Heat	598.2336	54175.8
2018	29 MO	7 Audrain	41 CORN	2 RP	H	31 Excess Moisture/Precipitation/Rain	15.678	1375.53
2018	29 MO	7 Audrain	41 CORN	2 RP	R	31 Excess Moisture/Precipitation/Rain	59.47	1884
2018	29 MO	7 Audrain	41 CORN	2 RP	UH	61 Wind/Excess Wind	66.687	-1763.04
2018	29 MO	7 Audrain	41 CORN	2 RP	H	61 Wind/Excess Wind	621.9482	54572.2
2018	29 MO	7 Audrain	51 GRAIN SOR	2 RP	R	11 Drought	12.4	332
2018	29 MO	7 Audrain	81 SOYBEANS	2 RP	H	1 Decline in Price	438.9715	6046
2018	29 MO	7 Audrain	81 SOYBEANS	2 RP	R	11 Drought	389.5539	11875
2018	29 MO	7 Audrain	81 SOYBEANS	2 RP	H	11 Drought	1118.418	53466.25
2018	29 MO	7 Audrain	81 SOYBEANS	2 RP	R	21 Hail	111.86	3409
2018	29 MO	7 Audrain	81 SOYBEANS	2 RP	R	31 Excess Moisture/Precipitation/Rain	2856.336	95308
2018	29 MO	7 Audrain	81 SOYBEANS	1 YP	R	31 Excess Moisture/Precipitation/Rain	167.902	5118
2018	29 MO	7 Audrain	81 SOYBEANS	2 RP	H	61 Wind/Excess Wind	5.625	89.75
2018	29 MO	7 Audrain	88 PASTURE,R	13 RI	FL	55 ARPI/SCO/STAX/MP Crops Only	0	9771



Source: <https://www.rma.usda.gov/data/cause>

Flood-

Figure 3.49. Number of Flood-Related Presidential Declarations by County



Levees of Audrain County

0 Levee Systems ✓ 0 Miles of Levees ▲ 0 Levee Structures

CHOOSE THESE LEVEES

Categorize by
Basemap: Basic
LEGEND

Audrain County
Back to: The Nation > Missouri
States and Counties
Select other territory types from the drop-down menu.

Search this list

- Audrain County
- Barry County
- Barton County
- Bates County
- Benton County
- Bollinger County
- Boone County
- Buchanan County
- Butler County
- Caldwell County
- Callaway County
- Camden County
- Cape Girardeau County

Source: <https://levees.sec.usace.army.mil/#/>

Multi-Jurisdictional Hazard Mitigation Plan

Data Collection Questionnaire

For Local Governments

County: Audrain

Jurisdiction: _____

Return by: January 11, 2019

Please complete this data collection questionnaire as accurately and completely as possible as this information will appear in the mitigation plan. A data collection questionnaire must be completed for each "jurisdiction" that wishes to be included in the plan. According to FEMA's definition a jurisdiction is any local government, including counties, municipalities, cities, towns, school districts, special districts, councils of government, and tribal organizations. Any of these entities as well as publicly funded colleges and universities that do not participate in the planning process **will not** be eligible applicants for FEMA mitigation funding programs. Please note: School Districts and other Educational Institutions should complete the Data Collection Questionnaire indicated "For School Districts and Educational Institutions".

Prepared by: _____

Phone: _____

Email: _____

Date: _____

Please return questionnaires by mail, email, or fax to:

Name: Chandra Beaver

Address: 42494 Delaware Lane, Perry, MO 63462

Email: beavercog@rallstech.com

Fax: 573-565-2205

CAPABILITY ASSESSMENT & INCORPORATION OF EXISTING PLANS, STUDIES, REPORTS AND TECHNICAL INFORMATION

The purpose of this section is to collect information to document existing capabilities as well as determine existing plans, studies, reports, and technical information that may need to be incorporated in the mitigation plan. Although some of this information may have been captured in your previous mitigation plan, it is important to ensure this information is current in the plan update

Please indicate which of the following your jurisdiction has in place. For elements that do not pertain to your type of public entity, please indicate with "N/A". If applicable, please provide a completion date for the element. If your jurisdiction does not have a particular element, and a higher level of government has the authority pertaining to your jurisdiction, please indicate this in the comments column. If your jurisdiction has any of the **underlined and bolded** elements, please provide a copy of the document to the contact listed on the front and indicate method in the comments column (i.e. available on the web, will email or mail).

Element	Yes, No, N/A	Comments and/or Weblink
Planning Capabilities		
<u>Comprehensive Plan</u>	Date:	
Builder's Plan	Date:	
Capital Improvement Plan	Date:	
City Emergency Operations Plan	Date:	
County Emergency Operations Plan	Date:	
Local Recovery Plan	Date:	
County Recovery Plan	Date:	
City Mitigation Plan	Date:	
County Mitigation Plan	Date:	
Debris Management Plan	Date:	
<u>Economic Development Plan</u>	Date:	
Transportation Plan	Date:	
Land-use Plan	Date:	
Flood Mitigation Assistance (FMA) Plan	Date:	
<u>Watershed Plan</u>	Date:	
Firewise or other fire mitigation plan	Date:	
Critical Facilities Plan (Mitigation/Response/Recovery)	Date:	

Element	Yes, No, N/A	Comments and/or Weblink
Policies/Ordinance		
Zoning Ordinance		
Building Code	Version:	
Floodplain Ordinance	Date:	
Subdivision Ordinance		
Tree Trimming Ordinance		
Nuisance Ordinance		
Stormwater Ordinance		
Drainage Ordinance		
Site Plan Review Requirements		
Historic Preservation Ordinance		
Landscape Ordinance		
Program		
Zoning/Land Use Restrictions		
Codes Building Site/Design		
Hazard Awareness Program		
National Flood Insurance Program (NFIP)		
NFIP Community Rating System (CRS) program		If so, what is your current level rating?
National Weather Service (NWS) Storm Ready Certification		
Firewise Community Certification		
Building Code Effectiveness Grading (BCEGs)		
ISO Fire Rating	Rating:	
Economic Development Program		
Land Use Program		
Public Education/Awareness		
Property Acquisition		
Planning/Zoning Boards		
Stream Maintenance Program		
Tree Trimming Program		
<u>Engineering Studies for Streams (Local/County/Regional)</u>		

Element	Yes, No, N/A	Comments and/or Weblink
Mutual Aid Agreements		
Studies/Reports/Maps		
<u>Hazard Analysis/Risk Assessment (City)</u>		
<u>Hazard Analysis/Risk Assessment (County)</u>		
Evacuation Route Map		
<u>Critical Facilities Inventory</u>		
<u>Vulnerable Population Inventory</u>		
<u>Land Use Map</u>		
Staff/Department		Full Time or Part Time?
Building Code Official		
Building Inspector		
Mapping Specialist (GIS)		
Engineer		
Development Planner		
Public Works Official		
Emergency Management Coordinator		
NFIP Floodplain Administrator		
Emergency Response Team		
Hazardous Materials Expert		
Local Emergency Planning Committee		
County Emergency Management Commission		
Sanitation Department		
Transportation Department		
Economic Development Department		
Housing Department		
Historic Preservation		
Non-Governmental Organizations (NGOs)	Is there a local chapter? Yes or No	
American Red Cross		
Salvation Army		
Veterans Groups		

Element	Yes, No, N/A	Comments and/or Weblink
Local Environmental Organization		
Homeowner Associations		
Neighborhood Associations		
Chamber of Commerce		
Community Organizations (Lions, Kiwanis, etc.)		
Financial Resources		Is your jurisdiction able to? Yes or No
Apply for Community Development Block Grants		
Fund projects thru Capital Improvements funding		
Authority to levy taxes for specific purposes		
Fees for water, sewer, gas, or electric services		
Impact fees for new development		
Incur debt through general obligation bonds		
Incur debt through special tax bonds		
Incur debt through private activities		
Withhold spending in hazard prone areas		

For plan updates, the plan maintenance process outlined in your previous plan requires all participating jurisdictions to incorporate the requirements of the mitigation plan into other planning mechanisms, when appropriate. A key element of effective implementation of mitigation is for the mitigation plan to be incorporated in existing authorities, policies, programs, and resources. Next to each applicable planning mechanism, indicate how your jurisdiction incorporated the previous mitigation plan. If no incorporation has occurred, please explain, including background information detailing any challenges preventing incorporation.

Planning Capabilities	Method of Incorporation Since Previous Plan or Challenges Preventing Incorporation
Comprehensive Plan	
Builder's Plan	
Capital Improvement Plan	
Local Recovery Plan	
County Recovery Plan	
Debris Management Plan	
Economic Development Plan	
Transportation Plan	
Land-use Plan	
Watershed Plan	
Firewise or other Fire Mitigation Plan such as Community Wildfire Protection Plan	

Additional Questions

1. How is your government structure organized? (Commission, Mayor/City Council, how many members)
2. List any past or ongoing public education or information programs, such as for responsible water use, fire safety, household preparedness, or environmental education.
3. List any other past or ongoing projects or programs designed to reduce disaster losses, these may include projects to protect critical facilities. Be sure to include pending or approved projects submitted for FEMA mitigation grants.
4. Describe any hazard-related concerns or issues regarding the vulnerability of special needs populations, such as the elderly, disabled, low-income, or migrant farm workers.
5. How many outdoor warning sirens are in your community?

How are they activated (indicate responsible department/personnel)?

6. Does your community utilize any other warning systems such as Cable Override, Reverse 911, etc? If so, please describe.
7. Does your community have designated public tornado shelters/saferooms? If so, are they constructed in accordance with FEMA standards?

Please provide address locations:

8. List residential, commercial and industrial development in your jurisdiction since last plan update.

9. Describe development trends and expected growth areas. Is any new development expected to occur in the 100-year floodplain? Is any new development expected to occur in any other known hazard areas? If possible, please provide a map indicating potential/planned growth areas.

10. Are any new facilities or infrastructure planned for construction during the next five years? If so, please provide facility name and purpose along with proposed locations, if known.

11. Please list major employers in your jurisdiction with an estimated number of employees.

12. Please list Mitigation Planning Committee members who served during the development of the previously approved plan. Was the process set forth for monitoring the implementation of the previously approved mitigation plan adhered to? Did the Committee meet as was specified in the previously approved plan? Why or why not?

13. Describe your jurisdiction's participation in the NFIP. Include information about how compliance with the NFIP is enforced locally.

VULNERABILITY ASSESSMENT

The purpose of this worksheet is to assess the vulnerable buildings, populations, critical facilities, infrastructure, and other important assets in your community by using the best available data to complete the table. Use the table on the next page to compile a detailed inventory of specific assets at risk including critical facilities and infrastructure; natural, cultural, and historical assets; and economic assets. In the natural hazard column of the asset inventory table, indicate (by assigned abbreviation) which of the following hazards the asset is vulnerable to:

Natural Hazards	
Flooding (Major & Flash) - RF	Drought - D
Levee Failure - LF	Extreme Temperature - ET
Dam Failure - DF	Severe Thunderstorm (incl. winds, hail, lightning) - ST
Earthquake - EQ	Severe Winter Weather (incl. snow, ice, severe cold) - SWW
Land Subsidence / Sinkholes - LSS	Tornadoes - T
Drought - D	Wildfire - WF

Critical Facilities and Infrastructure

A critical facility may be defined as one that is essential in providing utility or direction either during the response to an emergency or during the recovery operation. FEMA's HAZUS-MH loss estimation software uses the following three categories of critical assets. 'Essential facilities' are those that if damaged would have devastating impacts on disaster response and/or recovery. 'High potential loss facilities' are those that would have a high loss or impact on the community. Transportation and lifeline facilities are third category of critical assets; examples are provided below.

Essential Facilities

Hospitals and other medical facilities
Police stations
Fire station
Emergency Operations Centers

High Potential Loss Facilities

Power plants
Dams/levees
Military installations
Hazardous material sites
Schools
Shelters
Day care centers
Nursing homes
Main government buildings

Transportation and Lifeline

Highways, bridges, and tunnels
Railroads and facilities
Bus facilities
Airports
Water treatment facilities
Natural gas facilities and pipelines
Oil facilities and pipelines
Communications facilities

Economic Assets

Economic assets at risk may include major employers or primary economic sectors, such as agriculture, whose losses or inoperability would have severe impacts on the community and its ability to recover from disaster.

Economic Assets (Major Employers, etc)

Asset	Address	Product/ Service	Value (if known)	Number of Employees	Hazards

HISTORIC HAZARD EVENTS

Please fill out the sheet on the next page for each significant hazard event that affected **Your Jurisdiction**. **Make as many copies as necessary to record all events** and complete with as much detail as possible. This includes all events associated with the hazards listed below that have caused previous damage in your jurisdiction. It is especially important to capture events that either were not included in the previous Hazard Mitigation Plan or occurred since the plan was completed. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Jurisdiction	
Type of event	
Nature and magnitude of event	
Location	
Date of event	
Injuries	
Deaths	
Property damage	
Infrastructure damage	
Crop damage	
Business/economic impacts	
Road/school/other closures	
Other damage	
Insured losses	
Federal/state disaster relief funding	
Source of information	
Comments	

HISTORIC HAZARD EVENTS (continued)

Please fill out the sheet on the next page for each significant hazard event that affected **Your Jurisdiction**. **Make as many copies as necessary to record all events** and complete with as much detail as possible. This includes all events associated with the hazards listed below that have caused previous damage in your jurisdiction. It is especially important to capture events that either were not included in the previous Hazard Mitigation Plan or occurred since the plan was completed. Attach supporting documentation, photocopies of newspaper articles, or other original sources.

Jurisdiction	
Type of event	
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Location	
Date of event	
Injuries	
Deaths	
Property damage	
Infrastructure damage	
Crop damage	
Business/economic impacts	
Road/school/other closures	
Other damage	
Insured losses	
Federal/state disaster relief funding	
Source of information	
Comments	

ASSESSMENT OF PREVIOUSLY PROPOSED ACTIONS

Jurisdiction: _____

The contractor/plan development facilitator has provided a list of actions proposed in the previously approved plan for each jurisdiction. Use the worksheet below to evaluate whether each action is still current, feasible, desirable, and/or creates benefit that outweighs the cost.

The worksheet should include information on the status of the action and progress made in implementation, if any. This includes:

- For **completed actions** provide a description of the implementation process. This may be a success story you would like to publicize in your community.
- Some of the actions might have been **ongoing** in nature, such public information and education programs. When this is the case, indicate what activity has occurred during the previous five years, and indicate if this program is still viable enough that it should be carried on into the future.
- If **no progress** has been made in the implementation of a given action, discuss why. Note that implementation is not a requirement. However, if no progress has been made, perhaps this is an action that would be appropriate to delete in the updated plan.

During review of the previously approved actions, consider whether any new actions should be proposed. Perhaps damages from a recent hazard event have indicated the need for new approaches to protect property and life. Review the problem statements from the updated plan for ideas. Also review the FEMA publication *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards (January 2013)*.

#	Action	Status			Description of Implementation Activities or Reasons for Lack of Progress	Keep – ✓ Delete – X Modify – M
		Complete	Ongoing	No Progress		

Public Notice

Audrain County Planning Committee Seeks Public Input

Mexico, MO- The Audrain County Hazard Mitigation Planning Committee is seeking public input for the Audrain County Missouri Natural Hazard Mitigation Plan currently being updated. The purpose is to provide information to the public on the Hazard Mitigation Plan that is being updated as well as gain public input.

A planning committee comprised of Audrain County Commissioners, cities within Audrain County and school districts is currently updating a Hazard Mitigation Plan with a strategy to reduce the vulnerability of people and property in the County due to the impacts of natural hazards and to become eligible for mitigation funding programs from the Federal Emergency Management Agency (FEMA). The plan addresses a comprehensive list of hazards-ranging from tornadoes to flooding and severe winter weather- and assesses the likely impacts of these hazards to communities in Audrain County.

A copy of the approved 2014 plan can be reviewed at www.marktwaincog.com or by visiting the Mark Twain Regional Council of Governments located at 42494 Delaware Lane, Perry, MO 63462. Public comments will be accepted until January 11, 2018 and can be provided to Chandra Beaver at 573-565-2203 or via e-mail at beavercog@rallstech.com.

Feedback from the public will be incorporated into the draft update, which will be available for public review and comment in the spring of 2019. Upon approval by the SEMA and FEMA the final plan will be presented to the Audrain County Commissioners, City Councils and School Boards of each participating jurisdiction for formal adoption.

AUDRAIN COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE KICKOFF MEETING—SIGN-IN SHEET

Project: Audrain County, Missouri Multi-jurisdictional Hazard Mitigation Plan Update
Meeting Date/Time: November 28, 2018 1:00pm
Facilitator: Chandra Beaver, Fiscal Officer/Community Planner
 Mark Twain Regional Council of Governments
Place/Room: Audrain County Courthouse
 101 N. Jefferson St, Mexico, MO 65265

Name	Title	Department/Agency	Email	Phone #	Signature
Nicholas Tietfort	EMD	Audrain County Emergency Management	N.tietfort@audraincounty.org	(573) 473-7867	
Kensley Russell	P.W. DIRECTOR	CITY OF MEXICO	krussell@mexico-missouri.org	573-581-2100 (573)	
BRIAN MESSO	MAJOR	MEXICO PUBLIC SAFETY	bmesste@copd.org	581-2100	
SUSAN BECKETT	CHIEF	" "	srockett@mexicomissouri.org	" "	
Marcy Spence	City Clerk	City of Mexico	cityclerk@mexico-missouri.org	573-581-2100	
Drew Wilford	Civil Engineer Mexico	City of Mexico	awilliford@mexico-missouri.org	573 619 9477	
Matt Kreyling	Building Official	City of Mexico	mkreyling@mexicomissouri.org	573.581.2100	
Peter Vaccuson	COMM DIV DIRECTOR	City of Mexico	pvaccuson@mexico-missouri.org	573 581-2100	
Brandie Gray	Vandalia City Clerk CITY ADMINISTRATOR	Vandalia	brandieg@vandalia-va.net	573-594-6866	
Darren Berry	Vandalia Caminero	Vandalia	dberry@vandalia-va.net	573-594-6196	

Chandra Beaver

From: Chandra Beaver <beavercog@rallstech.com>
Sent: Thursday, November 08, 2018 2:06 PM
To: 'ntietso@audraincounty.org'; Alan Winders; Steve Hobbs; Tracy Graham; Brue Slagle-Mexico; Chris Miller-Mexico; Darren Berry-Vandalia; John Hodde-Farber; Karen Shaw-Vandalia; Marilyn Eikel-Martinsburg; Monte Hanson-Laddonia; Pat Arens-Martinsburg; Paul Nixon-Vandiver Village; Rita Bland-Laddonia; Scott Batts-Vandiver Village
Cc: hultzocog@rallstech.com
Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update

On behalf of Audrain County, you are invited to the first of three planning meetings to update the Audrain County Multi-jurisdictional Hazard Mitigation Plan. The existing plan, approved by FEMA in January 2014 was developed in accordance with the Disaster Mitigation Act of 2000. To maintain eligibility for certain FEMA Hazard Mitigation Assistance grants, the Act requires jurisdictions to develop a plan to assess their risks to hazards and identify actions that can be taken in advance to reduce future losses. The law requires Hazard Mitigation Plans to be updated every five years. Your participation is a key element to the success of the plan update effort.

Audrain County Multi-jurisdictional Hazard Mitigation Plan Update
Kickoff Meeting
November 28, 2018
Meeting Time: 1:00pm
Place: Audrain County Courthouse- Meeting Room
Address: 101 N Jefferson St, Mexico, MO 65265

The hazard mitigation planning process is heavily dependent on the participation of representatives from local government agencies and departments, the public, and other stakeholder groups. A Hazard Mitigation Planning Committee will be formed to support this project and will include representatives from the County, cities, school districts, private-non-profit entities, business partners, academic institutions, and other local, state, and federal agencies acting in or serving Audrain County.

At the kickoff meeting, we will discuss the benefits of updating the hazard mitigation plan, the project schedule, and all of the hazards that affect Audrain County, such as tornadoes, floods, extreme temperatures, severe winter weather, and more. **Audrain County requests your assistance in forwarding this invitation to others in your jurisdiction. Appropriate participants in the planning committee include, but are not limited to: emergency responders, county clerks, city clerks, elected officials, public works directors, floodplain managers, stormwater managers, county and city planners, economic development directors, GIS staff, business partners, private-non-profit representatives, school principals, school facilities directors, and school superintendents.**

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project and ensure your organization is eligible for FEMA hazard mitigation assistance funding, we need your participation and input. Jurisdictions (including county and city governments and public school districts) that do not participate in an approved Hazard Mitigation Plan are **NOT eligible** to apply for FEMA's Hazard Mitigation Assistance grants.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercoq@talstech.com.

Thank you,
Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Chandra Beaver
Mark Twain Regional Council of Governments

Fiscal Officer/Community Planner
Phone (573) 565-2203
Fax (573) 565-2205



www.marktwaincoq.com



Mailed: 11/8/2018

Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update

On behalf of Audrain County, you are invited to the first of three planning meetings to update the Audrain County Multi-jurisdictional Hazard Mitigation Plan. The existing plan, approved by FEMA in January 2014 was developed in accordance with the Disaster Mitigation Act of 2000. To maintain eligibility for certain FEMA Hazard Mitigation Assistance grants, the Act requires jurisdictions to develop a plan to assess their risks to hazards and identify actions that can be taken in advance to reduce future losses. The law requires Hazard Mitigation Plans to be updated every five years. Your participation is a key element to the success of the plan update effort.

**Audrain County Multi-jurisdictional Hazard Mitigation Plan Update
Kickoff Meeting
November 28, 2018
Meeting Time: 1:00pm
Place: Audrain County Courthouse- Meeting Room
Address: 101 N Jefferson St, Mexico, MO 65265**

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Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercog@rallstech.com .

Thank you,



Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

City of Farber
P.O. Box 37
214 E. Hwy 54
Benton City, MO 65232



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Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

Audrain County Courthouse
Attention: Commission
101 N. Jefferson St.
Mexico, MO 65265

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

Hawthorne Elementary School
1250 W. Curtis St.
Mexico, MO 65265



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Council of Governments
42494 Delaware Lane
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Eugene Field Elementary School
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Mark Twain Regional
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42494 Delaware Lane
Perry, MO 63462



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Van Far R-I School District
2200 West Highway 54
Vandalia, MO 63382

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462



Mexico 59 School District
Attention: Superintendent
2101 Lakeview Rd
Mexico, MO 65265

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462



Vandiver Village
P.O. Box 461
Mexico, MO 65265

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

City of Vandalia
200 E. Park St
Vandalia, MO 63382



Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

Village of Rush Hill
P.O. Box 76
Rush Hill, MO 65280



Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462



City of Mexico
300 N. Coal St
Mexico, MO 65265

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462



City of Martinsburg
P.O. Box 128
Martinsburg, MO 65264

Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

City of Laddonia
P.O. Box 70
Laddonia, MO 63352



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Mark Twain Regional
Council of Governments
42494 Delaware Lane
Perry, MO 63462

Community R-VI School District
35063 Highway BB
Laddonia, MO 63352



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MAILED FROM ZIP CODE 63462

Chandra Beaver

From: Chandra Beaver <beavercog@rallstech.com>
Sent: Thursday, November 29, 2018 11:09 AM
To: 'nfietsort@audraincounty.org'; 'Kensey Russell'; 'bmesko@mexicopsd.org'; 'rocket@mexicomissouri.org'; 'cityclerk@mexicomissouri.org'; 'awilliford@mexicomissouri.org'; 'mkreying@mexicomissouri.org'; 'jackson@mexicomissouri.org'; 'brandieg@vandaliemo.net'; 'kberry@vandaliemo.net'; 'kferrari@mexico.k12.mo.us'; Alan Winders; Steve Hobbs; Tracy Graham
Cc: hultzcog@rallstech.com
Subject: Audrain County Hazard Mitigation
Attachments: Press Release.pdf; Data_Collection_Questionnaire_Local_Govt.docx; Data_Collection_Questionnaire_Schools.docx; In-Kind.doc; 6_Kickoff_Meeting PowerPoint Presentation Outline Template.pptx

Good Morning,

Thank you for attending the Audrain County Multi-Jurisdictional Hazard Mitigation Planning meeting held yesterday. Your participation is appreciated and will assist in building a quality Hazard Mitigation Plan. Please find attached a number of documents from yesterday's meeting:
Press Release- as discussed at yesterday's meeting, public comment will be sought after through a press release. Please be sure to post the Public Notice at your location, I will submit the release to The Mexico Ledger.
Data Questionnaire- *Due by January 11, 2019.* Please complete the information requested throughout the packet, as a reminder, this information will be used when building the plan. (One questionnaire per jurisdiction)
In-Kind- Please be sure to track hours spent working on the plan, and any mileage that was endured during the planning phase.
PowerPoint Presentation- For reference, I have attached the PowerPoint from the initial meeting.


If you have any questions, please do not hesitate in contacting me. I look forward to working with each of you!
Have a great day!

Thank you,
Chandra

Chandra Beaver
Mark Twain Regional Council of Governments

Fiscal Officer/Community Planner
Phone (573) 565-2203
Fax (573) 565-2205

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Mark Twain Regional Council of Governments
Published by Chandra Beaver · 1 hr

On Wednesday, November 28, 2018, the Audrain County Hazard Mitigation Planning Committee comprised of Audrain County Commissioners, Cities within Audrain County and School Districts, met for the initial meeting to update the Audrain County Hazard Mitigation Plan. Mitigation Planning is a process for communities to identify the hazards to which they are at risk, assess the potential impacts of those hazards, develop goals, objectives, and actions to reduce impacts, and prioritize and implement mitigation actions. In an effort to build a strong plan, the Audrain County HMP Committee is asking for public input. For more information on Hazard Mitigation please contact Chandra Beaver at 573-565-2203 or beavercog@ralistech.com

PRESS RELEASE

For immediate release
Contact: Chandra Beaver
573-565-2203

Audrain County Planning Committee seeks public input

Mission, MO: The Audrain County Hazard Mitigation Planning Committee is seeking public input for the Audrain County Hazard Mitigation Plan currently being updated. The purpose is to provide information to the public on the hazard mitigation plan that is being updated as well as gain public input.

A planning committee comprised of Audrain County Commissioners, cities within Audrain County and School Districts is currently updating a Hazard Mitigation Plan with a primary goal to reduce the vulnerability of people and property in the County due to the impacts of natural hazards and to become eligible for federal funding programs from the Federal Emergency Management Agency (FEMA). The plan addresses a comprehensive list of hazard-prone areas susceptible to flooding, soil erosion, water hazards, and discusses the long-term impacts of these hazards to communities in Audrain County.

A copy of the approved 2015 plan can be reviewed at 3882690300000000 or by visiting the Mark Twain Regional Council of Governments located at 47494 Delaware Lane, Perry, MO 64682. Public comments will be accepted until January 11, 2019 and can be provided to Chandra Beaver at 573-565-2203 or via e-mail at beavercog@ralistech.com.

Feedback from the public will be incorporated into the draft updates, which will be available for public review and comment in the spring of 2019. Learn approved by the state, and make the final plan will be presented to the Audrain County Commissioners, City Council and School Boards of each participating jurisdiction for formal adoption.

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Posted on Mark Twain Regional COG Facebook page 11/29/18

PRESS RELEASE

For Immediate Release

Contact: Chandra Beaver
573-565-2203

Audrain County Planning Committee Seeks Public Input

Mexico, MO-The Audrain County Hazard Mitigation Planning Committee is seeking public input for the Audrain County Missouri Natural Hazard Mitigation Plan currently being updated. The purpose is to provide information to the public on the Hazard Mitigation Plan that is being updated as well as gain public input.

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Feedback from the public will be incorporated into the draft update, which will be available for public review and comment in the spring of 2019. Upon approval by the SEMA and FEMA the final plan will be presented to the Audrain County Commissioners, City Councils and School Boards of each participating jurisdiction for formal adoption.

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PUBLIC NOTICES AND BIDS

Public notices and/or bids and projects, etc. will be added to this website page as they become available, please check back often.

Generally these will be available in PDF format for easy download. You will need a tool such as Adobe Reader to access these files, you may [download it from Adobe here](#).

Missouri State Parks is offering a grant to help cover transportation costs for school/youth field trips to Missouri state parks and historic sites. The maximum grant award is \$300, and there is expected to be funding for 20-25 grants. Funding will be provided on a "first come-first served" basis. If you are interested please see the following documents for further information.

MSP Bus Grant Application

MSP Bus Grant Program Guidelines

MSP Vendor ACH Form

PRESS RELEASE - Audrain County Hazard Mitigation

Posted on Mark Twain Regional COG website on 11/29/18

To **Audrain County Hazard Mitigation Planning Committee**
 From **Chandra Beaver, Fiscal Officer/Community Planner**
Mark Twain Regional Council of Governments
 Tel / E-mail **573-565-2203 / beavercog@rallstech.com**
 Date **March 26, 2019**
 Subject **Minutes from Audrain County Hazard Mitigation Planning Meeting #2 held on March 26, 2019.**

This document is a record of attendance and a summary of the issues discussed during the above meeting, including: a brief review of the purpose of a Hazard Mitigation Plan, the public survey update for this effort, participation requirements and the status of each jurisdiction, plan update format, sample results of the risk assessment, update of mitigation goals, discussion of status updates for previous mitigation actions, and the next steps in this process. The meeting was held at the Mexico Area Chamber of Commerce at 100 W Jackson St, Mexico, MO 65265 from 10:00am-11:00am.

Attendees

Name	Title	Department	Jurisdiction
Gary Garnett	Laddonia City Council	Laddonia	Laddonia
Monte Hanson	Mayor	Laddonia	Laddonia
Kensey Russell	Public Works Director	City of Mexico	City of Mexico
Susan Rockett	Public Safety Chief	City of Mexico	City of Mexico
Mary LeCount	City Clerk	City of Mexico	City of Mexico
Janie Thomos	Assistant Administrator	Tri-County Care Center	Vandalia
Brandie Gay	City Clerk	Vandalia	Vandalia
Devyn Campbell	Solid Waste Planner	MTRCOG	MTRCOG
Cindy Hultz	Executive Director	MTRCOG	MTRCOG
Alan Winders	Eastern District Commissioner	Audrain County	Audrain County
Matthew Kreyling	Building Official	City of Mexico	City of Mexico
Kevin Cash	Administrator	Audrain Ambulance	Audrain Ambulance
Tracy Graham	Western District Commissioner	Audrain County	Audrain County
Andy Fecht	Site General Manager	Teva	Stakeholder
Don Reichert	EHS	Teva	Stakeholder
Nicholas Tietsort	Director of Emergency Mang.	Audrain County EMD	Audrain County
Cheryl Mack	Superintendent	Community R-6 School	Community R-6 School
Chandra Beaver	Fiscal Officer/Community Planner	MTRCOG	MTRCOG

Introductions

Chandra Beaver, Fiscal Officer/Community Planner, with Mark Twain Regional Council of Governments, began the meeting by welcoming and thanking the attendees for coming and having all attendees introduce themselves and the jurisdiction or entity they were representing.

Purpose/Public Survey/Participation Status

Chandra Beaver, Fiscal Officer/Community Planner, with Mark Twain Regional Council of Governments provided a brief summary of the purpose of the Hazard Mitigation Plan and the Disaster Mitigation Act of 2000 that codified the requirement of local governments to adopt a hazard mitigation plan to maintain eligibility for FEMA Hazard Mitigation Assistance Grants.

The nine-task planning process was summarized and participants were informed that at the conclusion of the meeting, the planning committee will have completed at least portions of Tasks 1-6. Chandra Beaver, also provided a status update and summary of responses to date for the Public Survey that has been disseminated Press Release. Planning Committee representatives were encouraged to continue to publicize the availability of the surveys and to notify Chandra Beaver, of these efforts so that they can be described in the planning process section of the plan.

A review of the requirements for jurisdictions to officially participate in the Multi-jurisdictional Hazard Mitigation Plan was provided as well as a table summarizing each jurisdiction's participation to date.

Plan Format/Sample Results of Countywide Risk Assessment

Chandra Beaver, provided the overall format of the plan update document as follows:

- Executive Summary
- Chapter 1—Planning Process
- Chapter 2—Jurisdiction Profiles
- **Chapter 3—Risk Assessment**
- Chapter 4—Mitigation Strategy
- Chapter 5—Plan Maintenance
- Appendices

A PDF file of the Chapter 3 draft risk assessment has been uploaded to marktwaincog.com. The planning committee, along with other representatives from their jurisdiction, were requested to review the risk assessment and provide comments and additional data by April 10, 2019.

Mitigation Goals

Following the discussion of the risk assessment, Chandra Beaver, facilitated a discussion of the mitigation goals. Common categories of mitigation goals were presented as well as the 2018 State Hazard Mitigation Plan goals.

This planning effort is an update to an existing hazard mitigation plan. As a result, the goals from the previous hazard mitigation plan were reviewed. The updated goals are as follows:

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 1 Provide informational brochures, websites and programs to educate the public about hazards that may affect them in the future.

Objective 2 Publicize appropriate mitigation measures for future natural hazards.

Objective 3 Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 1 Build and support local partnerships to lessen the effects of natural hazards.

Objective 2 Encourage active participation and responsibility of elected officials and emergency personnel in mitigation planning and activities.

Objective 3 Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.

Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 1 Incorporate mitigation procedures and planning into the community.

Objective 2 Encourage private involvement in mitigation activities.

Objective 3 Pass and/or adopt

Mitigation Actions

The planning committee members were provided a handout of the actions that were included in the previous plan. Attendees were instructed to get into break-out groups with others from their jurisdiction to discuss the status of each action that applied to their jurisdiction.

The status updates of all previous actions are due by April 10, 2019. Meeting #3 will focus primarily on the development of new actions.

Next Steps

The meeting concluded with a discussion of the remaining steps to complete the planning process:

- April 10, 2019—Risk Assessment Comments and Action Status Due
- April 17, 2019—Final Meeting, Updating/Developing Mitigation Actions
- April 24, 2019— All Mitigation Action Forms Due (Continuing & New)
- May 2019—Final Draft of Plan Update for Committee Review
- May 2019— Final Public Comment Period / State Review
- June 1, 2019— Submit Plan to FEMA
- FEMA has 90 days to review— Anticipate FEMA's Approval Pending Adoption
- May 2019— Jurisdictions Adopt Plan

Chandra Beaver

From: Chandra Beaver <beavercog@rallstech.com>
Sent: Wednesday, March 13, 2019 3:17 PM
To: 'ntietsort@audraincounty.org'; Alan Winders; Steve Hobbs; Tracy Graham; Brue Slagle-Mexico; Chris Miller-Mexico; Darren Berry-Vandalia; John Hodde-Farber; Karen Shaw-Vandalia; Marilyn Eikel-Martinsburg; Monte Hanson-Laddonia; Pat Arens-Martinsburg; Paul Nixon-Vandiver Village; Rita Bland-Laddonia; Scott Batts-Vandiver Village; 'Kensey Russell'; 'bmesko@mexicopsd.org'; 'srocket@mexicomissouri.org'; 'awillford@mexicomissouri.org'; 'Matthew Kreyling'; 'jackson@mexicomissouri.org'; 'Brandie Gay'; 'tberry@vandaliamo.net'; 'kferrari@mexico.k12.mo.us'; 'cdenham@mexico.k12.mo.us'; hultzcog@rallstech.com

Cc:

Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #2

On behalf of Audrain County, you are invited to the second of three planning meetings to update the Audrain County Multi-jurisdictional Hazard Mitigation Plan. Through the planning meetings, we are working to update risk assessments and mitigation strategies for various hazards and threats that impact Audrain County. The overall purpose is to identify mitigation measures to reduce or eliminate long-term risk to the people and property within your jurisdiction.

Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #2 Draft Risk Assessment Overview and Review/Update Mitigation Goals

Tuesday, March 26, 2019

Meeting Time: 10:00am

Place: Mexico Area Chamber of Commerce

Address: 100 W Jackson St, Mexico, MO 65265

The first planning meeting for this effort was held on November 28, 2018. As we discussed in the first meeting, the goal of this effort is to develop a comprehensive update to the existing Audrain County Multi-jurisdictional Hazard Mitigation Plan. This plan will ensure a coordinated approach to develop mitigation strategies and to work towards lessening the impact of hazards and threats in Audrain County. The Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives from each jurisdiction must participate in development of the plan update. It is essential for your jurisdiction to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

During this meeting, a summary will be provided of the draft risk assessment. Participants will be requested to contribute to the review. They will also help update the plan goals that provide the basis for the mitigation strategy portion of the plan. The planning committee will also begin the process of updating of the status of each hazard mitigation action that was included in the previous Hazard Mitigation Plan for Audrain County.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project and ensure your organization is eligible for FEMA hazard mitigation assistance funding, we need your participation and input.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercog@rallstech.com.

Thank you,
Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Thank you,

Chandra Beaver
Mark Twain Regional Council of Governments

Fiscal Officer/Community Planner
Phone (573) 565-2203
Fax (573) 565-2205



www.marktwaincog.com



Mailed 3/13/19

Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #2

On behalf of Audrain County, you are invited to the second of three planning meetings to update the Audrain County Multi-jurisdictional Hazard Mitigation Plan. Through the planning meetings, we are working to update risk assessments and mitigation strategies for various hazards and threats that impact Audrain County. The overall purpose is to identify mitigation measures to reduce or eliminate long-term risk to the people and property within your jurisdiction.

**Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #2
Draft Risk Assessment Overview and Review/Update Mitigation Goals**

Tuesday, March 26, 2019

Meeting Time: 10:00am

Place: Mexico Area Chamber of Commerce

Address: 100 W Jackson St, Mexico, MO 65265

The first planning meeting for this effort was held on November 28, 2018. As we discussed in the first meeting, the goal of this effort is to develop a comprehensive update to the existing Audrain County Multi-jurisdictional Hazard Mitigation Plan. This plan will ensure a coordinated approach to develop mitigation strategies and to work towards lessening the impact of hazards and threats in Audrain County. The Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives from each jurisdiction must participate in development of the plan update. It is essential for your jurisdiction to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

During this meeting, a summary will be provided of the draft risk assessment. Participants will be requested to contribute to the review. They will also help update the plan goals that provide the basis for the mitigation strategy portion of the plan. The planning committee will also begin the process of updating of the status of each hazard mitigation action that was included in the previous Hazard Mitigation Plan for Audrain County.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project and ensure your organization is eligible for FEMA hazard mitigation assistance funding, we need your participation and input.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercog@rallstech.com.

Thank you,



Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Buckling-concrete.
USDA com-Severe Thunderstorm

Problem - bil - roofs.

Drifting snow - Benton city
Amish - Clark.

Amish - Vandavia/

Tornado - vul.

Tornado Shelter - Monte.

- Availability - Access.

- Community - Tornado

- Potential Vulnerability -
Wildfire - Dragg
Should make higher.

Webpage.

**AUDRAIN COUNTY
MULTI-JURISDICTIONAL HAZARD
MITIGATION PLAN**



**MEETING #2
RISK ASSESSMENT
MARCH 26, 2019**


Project Planner: Chandra Beaver, Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments


MEETING PURPOSE

- Brief Review
- Public Survey Update
- Discuss Participation Requirements/Status
- Plan Update Format
- Sample Results of Countywide Risk Assessment
- Update Mitigation Goals
- Discuss Mitigation Action Updates
- Next Steps

**DISASTER MITIGATION ACT
OF 2000**

- Requires local governments to adopt a natural hazard mitigation plan to maintain eligibility for FEMA Hazard Mitigation Assistance funds
- This Plan Update is for a Multi-jurisdictional Hazard Mitigation Plan covering the Unincorporated County, participating Incorporated Cities, and Public School Districts





9 TASKS TO COMPLETE THE PLAN UPDATE

- Task 1: Determine the Planning Process Requirements
- Task 2: Establish a Steering Group
- Task 3: Develop a Hazard Mitigation Strategy
- Task 4: Review Community Capabilities
- Task 5: Conduct a Risk Assessment
- Task 6: Develop a Mitigation Strategy
- Task 7: Review and Adopt the Plan
- Task 8: Keep the Plan Current
- Task 9: Create a Safe and Resilient Community




PUBLIC SURVEY UPDATE

- Notify public: article in newspaper, announcements posted in public locations, posted on the Council of Governments website
- No Public Comment was received to date




REQUIREMENTS FOR EACH PARTICIPATING JURISDICTION


- Designate a representative to serve on the Hazard Mitigation Planning Committee, which will meet three times during the planning process,
- Provide data for and assist in the development of the updated risk assessment that describes how various hazards impact your jurisdiction,
- Provide data to describe current capabilities,
- Develop/update mitigation actions (at least one) specific to your jurisdiction,
- Provide comments on plan drafts as requested,
- Inform the public, local officials, and other interested parties about the planning process and provide opportunities for them to comment on the plan, and
- Formally adopt the mitigation plan.




STATUS OF PARTICIPATION REQUIREMENTS

Jurisdictions	Meeting Attendance	Data Collection Guide
Audrain County	Yes	Yes
Vandalia	Yes	Yes
Ladsonia	No	Yes
Mexico	Yes	No
Benton City	No	No
Ferber	No	No
Martinsburg	No	No
Vandiver Village	Yes	No
Van-Far R-1 School District	No	No
Community R-VI School District	No	No
Mexico 59 School District	Yes	No


- 
- ### PLAN UPDATE FORMAT
- Executive Summary
 - Chapter 1—Planning Process
 - Chapter 2—Jurisdiction Profiles
 - Chapter 3—Risk Assessment
 - Chapter 4—Mitigation Strategy
 - Chapter 5—Plan Maintenance
 - Appendices

- 
- ### CHAPTER 3 INCLUDES THE FOLLOWING FOR EACH HAZARD
- Hazard Profile
 - Hazard Description
 - Geographic Location
 - Severity/Magnitude/Extent
 - Previous Occurrences
 - Probability of Future Occurrence
 - Changing Future Conditions Considerations
 - Vulnerability Assessment
 - Vulnerability Overview
 - Potential Losses to Existing Development
 - Future Development
 - Hazard Summary by Jurisdiction
 - Problem Statement





AUDRAIN COUNTY DRAFT RISK ASSESSMENT—CHAPTER 3

➤ Risk Assessment is available on COG's website www.audraincountymissouri.gov



SAMPLE RISK ASSESSMENT RESULTS





FLOODING (RIVERINE AND FLASH)

Repetitive Loss/Severe Repetitive Loss Properties

Repetitive Loss Properties are those properties with at least two flood insurance payments of \$5,000 or more in a 10-year period. According to the Flood Insurance Administration, jurisdictions excluded in the planning area have a combined total of 4 repetitive loss properties. As of December 31, 2018, there were no reports of properties that have been mitigated, leaving 4 un-mitigated repetitive loss properties. The report that was received from Flood Insurance Administration did not identify the type of property.


Table 3.18. Audrain County Repetitive Loss Properties

Jurisdiction	# of Properties	Type of Property	# Building	Count	Total Payments	Average Payment	# of Properties
City of Mexico	0		12	12	\$1,211,880	\$100,983	12
City of Vandalia	0		35	35	\$1,747,400	\$49,926	35
Total	0		47	47	\$2,959,280	\$62,904	47


Source: Flood Insurance Administration as of 3/31/2019

Severe Repetitive Loss (SRL): A SRL property is defined as a single family property (consisting of one-to-four residences) that is covered under flood insurance by the NFIP, and has (1) incurred flood-related damage for which four or more separate claims payments have been paid under flood insurance coverage with the amount of each claim payment exceeding \$5,000 and with cumulative amounts of such claims payments exceeding \$50,000, or (2) for which at least two separate claims payments have been made with the cumulative amount of such claims exceeding the reported value of the property.

There are 4 validated Severe Repetitive Loss properties in the county, and the community, 2 properties in the City of Mexico, and 2 properties in the City of Vandalia. The report did not specify the structure type (residential, commercial, etc.). There are no records for mitigated properties for Audrain County. The total paid NFIP insurance for the properties in City of Mexico is \$31,101,86, with 7 total losses and \$63,247,40 for the City of Vandalia with 9 total losses.




FLOODING CONTINUED



There is 1 Low Water Crossing in Audrain County located on Audrain Rd 449, Mexico- Littleby Creek

3/15/2019



LEVEE FAILURE

There are no Levee's in the Planning Area





Figure _ Missouri Counties Impacted by Levees

Source: 2018 Missouri State Hazard Mitigation Plan, * Red Star indicates Audrain County



DAM FAILURE

There are 87 dams located inside the county boundaries, and 21 high hazard dams

Missouri Dams Outside the Planning Area
The Missouri Department of Natural Resources was consulted to see if dams located outside of the county would impact Audrain County in the event of a failure. It was determined that there are no upstream dams that would place Audrain County in any danger.

Hazard Summary by Jurisdiction
Of the 87 dams in Audrain County, 21 dams have been classified as high hazard dams. All dams are small in terms of height and storage area and are not a threat to significant population areas or critical facilities. Jurisdictions and Schools in the planning area are unlikely to be affected by a compromised dam due to the low water capacity of the dam.

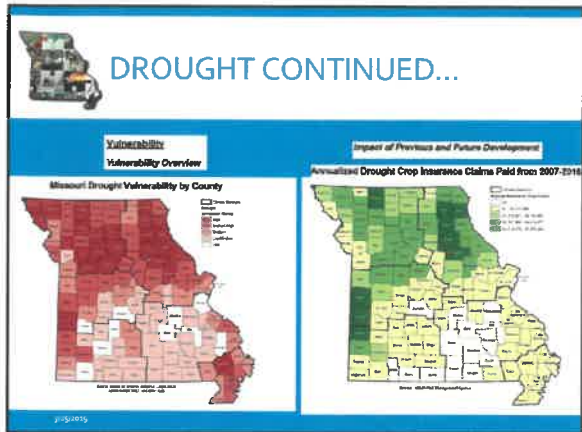
Problem Statement
A lack of regular inspection/maintenance of un-regulated high hazard dams was noted by the Mitigation Planning Committee. Possible solutions include the training landowners how to properly inspect dams, and encourage dams to be inspected on a regular schedule

DROUGHT CONTINUED...

Vulnerability
Vulnerability Overview

Missouri Drought Vulnerability by County

Annualized Drought Crop Insurance Claims Paid from 2007-2016



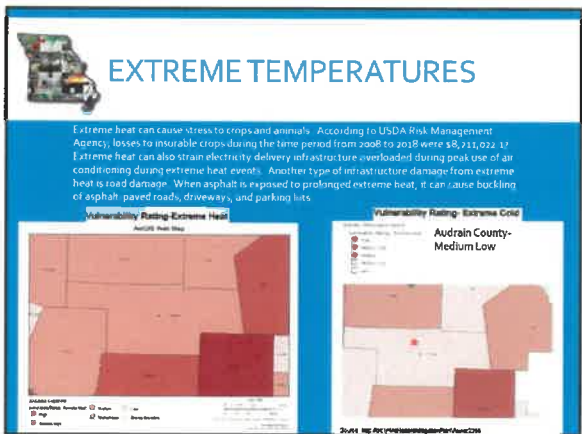
EXTREME TEMPERATURES

Extreme heat can cause stress to crops and animals. According to USDA Risk Management Agency, losses to insurable crops during the time period from 2008 to 2018 were \$8,711,022.17. Extreme heat can also strain electricity delivery infrastructure, overloaded during peak use of air conditioning during extreme heat events. Another type of infrastructure damage from extreme heat is road damage. When asphalt is exposed to prolonged extreme heat, it can cause buckling of asphalt paved roads, driveways, and parking lots.

Vulnerability Rating: Extreme Heat

Vulnerability Rating: Extreme Cold

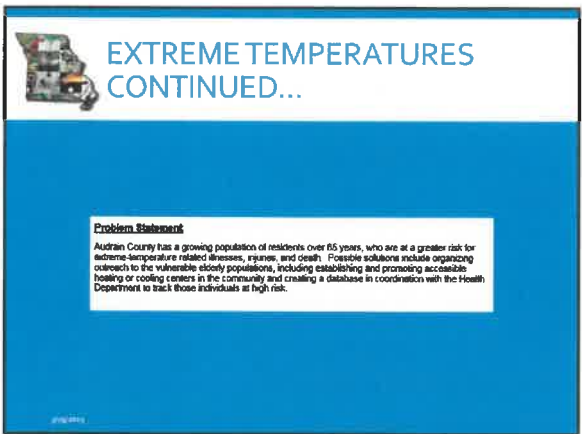
Audrain County - Medium Low




EXTREME TEMPERATURES CONTINUED...

Problem Statement

Audrain County has a growing population of residents over 65 years, who are at a greater risk for extreme-temperature related illnesses, injuries, and death. Possible solutions include organizing outreach to the vulnerable elderly populations, including establishing and promoting accessible heating or cooling centers in the community and creating a database in coordination with the Health Department to track those individuals at high risk.






TORNADOES CONTINUED...

Overall Vulnerability for Tornadoes

Problem Statement
Audrain County has inadequate tornado shelters throughout the county, not everyone utilizes social media and/or texting, the rural areas do not have warning sirens, smaller communities do not have warning sirens, lack of awareness for available shelters and more education needs to occur. Possible solutions include promoting the use of NOAA weather radios and conducting public education and outreach activities to increase awareness of tornado risk.


State, 2013 Missouri State Hazard Mitigation Plan, The Missouri National Guard
jrg/2019



WILDFIRE

According to the 2018 Missouri State Hazard Mitigation Plan, Audrain County is estimated to have on average 40 acres burned with a potential loss of \$1,224,979.00.

Problem Statement
Residents do not comply with burn bans, education is not available for the levels of burn bans, many residents lack education in fire safety and not all residents utilize social media and texting. Education needs to occur on the dangers associated with not complying with the burn bans, more education for fire safety and encourage utilization of social media and texting.




SECTIONS TO ADDRESS:

- Building Counts
- Data Questionnaire

jrg/2019



**MITIGATION STRATEGY UPDATE:
MITIGATION GOALS
AND ACTIONS**



**MITIGATION STRATEGY:
GOALS AND ACTIONS**

- **Goals:** Describe the overall direction of the plan
- **Actions:** Describe specific activities or projects designed to achieve goals



**UPDATE COLLECTIVE
GOALS**




COMMON CATEGORIES OF MITIGATION GOALS

- Public Education
- Policies/Planning/Training/Communication
- Reduce Risk to Life and Property
- Protection of Critical/Essential Facilities



STATE GOALS 2018 MISSOURI STATE HAZARD MITIGATION PLAN

- Goal 1: Implement mitigation actions that improve the protection of human life, health, and safety from the adverse effects of disasters
- Goal 2: Implement mitigation actions that improve the continuity of government and essential services from the adverse effects of disasters
- Goal 3: Implement mitigation actions that improve the protection of public and private property from the adverse effects of disasters
- Goal 4: Implement mitigation actions that improve the protection of community tranquility from the adverse effects of disasters




AUDRAIN COUNTY 2015 PLAN GOALS (REVIEW/REVISE)

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards. **Objective 1** Provide informational brochures, websites and programs to educate the public about hazards that may affect them in the future. **Objective 2** Publicize appropriate mitigation measures for future natural hazards. **Objective 3** Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards. **Objective 1** Build and support local partnerships to lessen the effects of natural hazards. **Objective 2** Encourage active participation and responsibility of elected officials and emergency personnel in mitigation planning and activities. **Objective 3** Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.

Goal 3 Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life, on new and existing properties, on natural resources, on infrastructure, and on the local economy. **Objective 1** Incorporate mitigation procedures and planning into the community. **Objective 2** Encourage private involvement in mitigation activities. **Objective 3** Pass and/or adopt ordinances, codes and standards to enforce mitigation activities.



GROUP DISCUSSIONS

- Review goal statements (handout)
- Remember
 - Goals should be broad
 - Mitigation vs. Preparedness/Response
- Report to group with suggested revisions
 - Combine
 - Remove
 - Re-word
 - Add new

- Goals

- Action



UPDATE MITIGATION ACTIONS



MITIGATION ACTIONS

Specific
M easurable
A chievable
R elevant
T ime bound

- See Handout
- Update actions that apply to your jurisdiction
 - Completed – provide date completed and funding amount if applicable
 - KEEP Not Started – provide details on any plans made to initiate action
 - KEEP In-Progress – provide details on progress made to date
 - KEEP Modify – provide details on changes/updates to the action
 - Delete – provide reason for deleting
- Discuss with other representatives from your jurisdiction.
- Be careful to distinguish between response actions (actions after event) and mitigation actions (actions before an event that reduce or eliminate need for response)
- Actions should be SMART: specific, measurable, achievable, relevant, time bound
- Return Completed Status Update Worksheet by April 10, 2019

- Actions



MITIGATION ACTIONS

- Final Meeting on TBA –APRIL 2019 will focus on development of new mitigation actions.
- As you review the risk assessment/problem statements, consider what mitigation actions could reduce/eliminate damages.
- Discuss with other representatives from your jurisdiction.
- Each jurisdiction must have AT LEAST one action.
- Communities that participate in NFIP must have an ADDITIONAL action that relates to continued compliance.

STAKEHOLDERS PURPOSE:


- Review plan and make recommendations
- Review mitigation actions and make sure actions are included to meet your needs

3/15/2019



NEXT STEPS

- April 10, 2019- Risk Assessment Comments and Action Status Due
- April 17, 2019- Final Meeting, Updating/Developing Mitigation Actions
- April 24, 2019- All Mitigation Action Forms Due (Continuing & New)
- May 2019- Final Draft of Plan Update for Committee Review
- May 2019 -Final Public Comment Period / State Review
- June 1, 2019- Submit Plan to FEMA
- FEMA's has 90 days to review- Approval Pending Adoption Pending Adoption
- May 2019- Jurisdictions Adopt Plan



IN-KIND FORMS

- Please be sure to complete and submit In-Kind Forms for all time spend on Audrain County Hazard Mitigation Plan. If multiple people worked on the plan in your jurisdiction, you each need to submit your own.

• Thank you!

2/2/2019

Audrain County
Multi-Jurisdictional Hazard Mitigation Plan Update
Planning Meeting #2
March 26, 2019
10:00am

Agenda

Welcome/Introductions

Chandra Beaver, Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Brief Review

Public Survey Update

Participation Requirements/Status

Plan Update Format

Sample Results of Countywide Risk Assessment Update

Update Mitigation Goals

Discuss Mitigation Action Updates

Next Steps

SAVE THE DATE:

Meeting #3- Tentatively- April 17, 2019

Table 3: Eligible Activities by Program

Eligible Activities	HMGP	PDM	FMA
1. Mitigation Projects	✓	✓	✓
Property Acquisition and Structure Demolition	✓	✓	✓
Property Acquisition and Structure Relocation	✓	✓	✓
Structure Elevation	✓	✓	✓
Mitigation Reconstruction	✓	✓	✓
Dry Floodproofing of Historic Residential Structures	✓	✓	✓
Dry Floodproofing of Non-residential Structures	✓	✓	✓
Generators	✓	✓	
Localized Flood Risk Reduction Projects	✓	✓	✓
Non-localized Flood Risk Reduction Projects	✓	✓	
Structural Retrofitting of Existing Buildings	✓	✓	✓
Non-structural Retrofitting of Existing Buildings and Facilities	✓	✓	✓
Safe Room Construction	✓	✓	
Wind Retrofit for One- and Two-Family Residences	✓	✓	
Infrastructure Retrofit	✓	✓	✓
Soil Stabilization	✓	✓	✓
Wildfire Mitigation	✓	✓	
Post-Disaster Code Enforcement	✓		
Advance Assistance	✓		
5 Percent Initiative Projects	✓		
Miscellaneous/Other ⁽¹⁾	✓	✓	✓
2. Hazard Mitigation Planning	✓	✓	✓
Planning Related Activities	✓		
3. Technical Assistance			✓
4. Management Cost	✓	✓	✓

(1) Miscellaneous/Other indicates that any proposed action will be evaluated on its own merit against program requirements. Eligible projects will be approved provided funding is available.

Mitigation Plan Goals/ Objectives

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 1 Provide informational brochures, websites and programs to educate the public about hazards that may affect them in the future.

Objective 2 Publicize appropriate mitigation measures for future natural hazards.

Objective 3 Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 1 Build and support local partnerships to lessen the effects of natural hazards.

Objective 2 Encourage active participation and responsibility of elected officials and emergency personnel in mitigation planning and activities.

Objective 3 Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.

Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 1 Incorporate mitigation procedures and planning into the community.

Objective 2 Encourage private involvement in mitigation activities.

Objective 3 Pass and/or adopt ordinances, codes and standards to enforce mitigation activities.

Update actions that apply to your jurisdiction

- Completed – provide date completed and funding amount if applicable
- KEEP Not Started – provide details on any plans made to initiate action
- KEEP In-Progress – provide details on progress made to-date
- KEEP Modify – provide details on changes/updates to the action
- Delete – provide reason for deleting

Discuss with other representatives from your jurisdiction. Be careful to distinguish between response actions (actions after event) and mitigation actions (actions before an event that reduce or eliminate need for response)

Actions should be SMART: specific, measurable, achievable, relevant, time bound

Return Completed Status Update Worksheet by **April 10, 2019**

Five Year Matrix

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 1 Provide informational brochures, websites and programs to educate the public about hazards that may affect them in the future.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalla	Community R-VI	Mexico 59 SD	Van-Far R-1 SD	Five Year Update Revision
1.1.1	H	Have educational brochures on what to do during a natural disaster available to schools and citizens	HMC, EMD, Health Dept, Fire Depts, govt offices	Ongoing	NA	R	LF	X	✓	✓	✓	✓	✓	X	X	X	X	Articles in newspapers, county website, Little Dixie Fire District website, social networks, Facebook, Twitter. Link all official website in the county
1.1.2	H	Have informational brochures on retrofitting windows available to distribute to Schools, Day Cares, and Nursing Homes.	HMC, EMD	6 mo-1yr	E	O	LF	X										Supply information to private schools and Amish store
1.1.3	H	Hand out brochures on Earthquake resistant building practices with building permits	HMC	6 mo-1yr	N	O	LF		✓			X						County does not have building codes
		Distribute Design Construction Awareness Brochures with Building permits.	HMC, city government	Ongoing	N	O	LF											DELETE, already covered by building codes

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F—S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOI—Missouri Dept. of Trans ✓—Original Plan X—New in 5-year Update

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 2 Publicize appropriate mitigation measures for future potential natural hazards.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
1.2.1	H	Have educational brochures on what to do during extreme heat conditions and distribute to nursing homes, childcare centers, schools.	HMC, EMD, Health Dept, local media, nursing homes, child care, schools	Ongoing	NA	R	LF	X			✓	✓	✓		X	X	X	Health Dept distributes information with training for care facilities.
1.2.2	H	Encourage Drought resistant yard watering practices. City has ordinance regulating water usage.	HMC, City Government	Ongoing	NA	O	LF	X	X	X			✓	X				
1.2.3	H	Work with local cable TV company to post severe natural hazards announcements.	HMC, Fire Dept., Police Dept., Cable Companies	1 yr	NA	R	LF	X	X	X	✓	✓	✓	✓	X	X	X	Public announcements on local radio stations and newspapers, also websites, social networks
1.2.4	H	Have educational brochures on what to do during a natural disaster available to the public at the police station, fire station, and city hall. Articles published in local newspaper, websites	HMC, EMD, Fire Dept., media, websites	6 mo-1yr	NA	O	LF	X	✓	X		X	✓					Also at courthouse, 911, and health dept
1.2.5	H	Prepare and insert information on "What to do During Natural Hazards" in the utility bills and at the library	HMC, City Hall, Library	6 mo-1yr	NA	O	LF					✓						
1.2.6	H	Post information on location of after-the-event shelters, local radio stations that have storm warnings, "what to do during natural disasters" brochures.	www.audrain.org www.audrainsheriff.com radio stations, HMC, EMD	6 months-1 year	NA	R	LF	X				X	X	X				Welcome Wagon has newcomer packet, Red Cross and EMD has list of "after the Event" shelters

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F—S—G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 3 Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I-SD	Five Year Update Revision
1.3.1	H	Promote use of NOAA radios in businesses, private homes, and large gatherings	HMC	Ongoing	NA	O	LF	X	✓	✓	✓	✓	✓	X	X	X	X	Newspaper articles, TV stories/ads, websites encourages purchase of NOAA radios
1.3.2	H	Have speaker available to conduct programs on earthquake safety and severe weather safety.	HMC	1-3 yrs	E N	O	LF	X				✓	✓	X	X	X	X	Human Service Council has speakers, SEMA has speakers on earthquakes
1.3.3	H	Coordinate a plan to warn the Amish communities of severe weather alerts.	HMC, EMD, sheriff Dept.	6 months-1 year	E N	O	LF	X										Check with Sheriff Dept on plan to warn both Amish and Mennonite communities
1.3.4	H	Publish information on numbers to call for current road conditions on the city webpage and city TV channel.	HMC, city webpage, City TV Channel	6 mo-1yr	NA	O	LF	X					X		X	X	X	Currently on county website, 911 website, and has links to MODOT website
		Develop "Tornado Preparedness Video for Mexico TV as funds become available.	HMC, Public Safety Dept.	1-2 yrs									✓					DELETE
1.3.5	H	Educate public about location and times of emergency snow routes designated by city/ County	HMC, Public Safety Dept., Public Works Dept.	Ongoing	NA	O	LF	X					✓					Currently on city and county websites, 911 website, and has links to MODOT website
		Develop Hazards of Flash Flooding video for Mexico TV as funds become available.	HMC, Public Safety Dept	1-2 yrs									✓					DELETE

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Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

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Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
1.3.6	H	Provide informational materials to public on how to prevent basement flooding and problems from improper use of grease traps.	Public Works Dept., Wastewater Dept.	1-3 yrs Ongoing	E N	O	LF						✓	X				Back-flow Program offered to all residents
1.3.7	H	Educate public on Wildfire Dangers and publish City Burning Ordinances	HMC, EMD, Public Safety Dept.	Ongoing	E	O	LF						✓	X				Information is available on city website along with brochures at city hall
1.3.8	H NEW	Inform public that prior to any burning in county they are to notify 911 or Fire District	Newspaper, websites, radio, TV	Ongoing	E	N	LF	X										Added NEW

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Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 1 Build and support local partnerships to lessen the effects of natural hazards.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.1.1	H	Remove trees from power line easements in addition to current trimming program	HMC, Utility Company	Ongoing	NA	O	F-S-G	X	✓	✓	✓	✓	X	✓				Cooperate with Utility companies to trim trees in power line easements.
2.1.2	H	Ensure that county school buses are outfitted with two -way communication	HMC, Schools, Health Dept.	Ongoing	NA	O	F-S-G	X						✓	X	X	X	Radios
2.1.3	H	Partnership with NECAC or local churches for distribution of fans as needed.	HMC, NECAC, Health Dept., churches	6 months Ongoing	NA	O	LF	X	✓	✓	X	X	✓	X				
2.1.4	M	Obtain sufficient back-up generators for designated shelters as funds become available.	HMC, EMD	Ongoing 1-5 yrs	NA	O	LF	X	✓	✓	✓		X	X	X			Change sufficient to additional
2.1.5	H	Maintain Mutual Aid Agreements and update on regular schedule	Law enforcement, Emergency OP EMD, Fire Dept, Utility Depts	Ongoing	NA	O	LF	X	✓	✓	✓	✓	✓	✓				
2.1.6	H	Encourage schools to conduct programs on earthquake safety.	HMC, EMD	Ongoing	NA	O	LF	X				✓	✓	X	X	X	X	
2.1.7	H	Promote NOAA radio use. Develop a program to offer low cost radios as funds become available.	HMC, Red Cross	1 year	NA	O	LF	X	X	X					X	X	X	Red Cross has program

**** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 Priority from STAPLEE analysis * E—Existing N—New MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update
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Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.1.8	M	Investigate possibility of obtaining back-up generator (s) for the Water Treatment and Waste Water Treatment Plants as funds become available.	HMC	2-5 yrs	NA	O	F-S-G LF					✓	✓	X				
2.1.9	H	Maintain a list of special needs individuals and develop an emergency plan.	HMC, Health Dept., EMD	1-2 yrs	NA	O	LF	X	X	✓	X	X	X	X				Change Special to Functional
2.1.10	H	Encourage tornado awareness drills in the local schools.	HMC, schools	Ongoing	NA	O	LF					✓	X	X	X	X	X	
2.1.11	H NEW	Develop and coordinate a centralized list and emergency plan of functional needs individuals with all the emergency agencies within county .	EMD, Red Cross, Health Dept, Highway Dept, Fire Districts, 911, Electric Utility Companies	1-2 yrs	NA	N	LF	X	X	X	X	X	X	X				NEW

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Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 2 Encourage active participation and responsibility of elected officials and emergency personnel in mitigation planning and activities.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.2.1	H	Conduct regularly scheduled training for weather spotters	HMC, EMD, NWS, Fire Depts.	Ongoing	NA	O	F-S-G LF	X	✓	✓	✓	✓	✓	✓				
2.2.2	H	Maintain a list of special needs individuals.	HMC, Highway and Bridge Dept., Health Dept.	Ongoing	NA	R	LF		✓		✓							Change special to functional
2.2.3	H	Participate in regularly scheduled Table-top exercises and mock emergency exercises.	Law enforcement, Emergency OP personnel, EMD, Fire Dept., Electric Utilities	Ongoing	NA	O	F-S-G LF	X	✓	✓	✓	✓	✓	✓				Coordinate exercises under EMD 3-4 per year
2.2.4	H	Investigate the possibility of obtaining outdoor warning siren as funds become available.	HMC, City Government	1-5 yrs	NA	R	F-S-G LF		✓	X	X	✓	X	X				Add "outdoor" warning sirens. All cities and villages in county have a warning siren
2.2.5	H	Maintain and testing on regular schedule of the current warning siren system and upgrade as needed and funds become available.	HMC, EMD, Fire Dept., 911	Ongoing	NA	O	F-S-G LF	X	X	✓	✓	X	✓	✓				Tested 1 st Tuesday through 911
2.2.6	H	Back-up plan for severe weather notification in event of malfunction of sirens, use fire trucks to warn citizens	HMC, Fire Dept.	Ongoing	NA	O	LF			✓			X	X				
2.2.7	H	Current warning system for severe weather is through P.A. announcements on Fire Dept. vehicles	Fire Dept.	Ongoing	NA	O	LF					✓						

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Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 3 Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Laddonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision	
2.3.1	H	Maintain and clean culverts and storm water drainage system on a regular schedule.	HMC, Highway & Bridge Dept. Street Dept.	Ongoing	E	O	LF	X	✓	✓	✓	X	X	✓					
2.3.2	H	Encourage Drought resistant farming practices	HMC, USDA, media, University Outreach	Ongoing	NA	LF	LF	X		✓									
2.3.3	H	Encourage Landowners to inspect and maintain their dams according to Dept. of Natural Resources standards.	HMC, MO Dept. of Natural Resources, EMD	Ongoing	E	O	LF	X											Include article in newspaper at least once a year.
2.3.4	H	Promote Back-flow prevention program as funds become available.	HMC, Public Works Dept.	Ongoing	E	O	LF						✓	X					
2.3.5	H	Clean out sediment build-up in the stream bed of the south fork of the Salt River	HMC, Street Dept.	Ongoing	E	O	LF			✓									
2.3.6	H	Plan for debris removal is in place and a designated location for debris is established.	HMC, Street Dept., DNR	1-2 yrs	E	O	LF		✓	X	X	✓	✓	X					
2.3.7	M	Engineering study currently in place for drainage patterns, upgrade as needed and funds become available	HMC, Utility Dept.	Ongoing	E, N	O	F-S-G LF		✓		X		✓	X					Laddonia completed a total replacement of sewer system in 2010

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Priority* Action Item #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.3.8 H	Monitor dams at city lakes. Review and conform to DNR regulation at the dams.	HMC, Public Works Dept.	Ongoing	E	O	F-S-G LF						✓					

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Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 1 Incorporate mitigation procedures and planning into the community.

Action Item # Priority	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.1.1 H	Update Emergency Operations Plan on a regular schedule.	Law enforcement, Emergency OP personnel, EMD, Fire Dept.	Ongoing	NA	O	LF	X	✓	X	X	✓	✓	✓	X	X	X	Every three years. Coordinate with POET Ethanol plant in Ladonia and WERDCC (women's prison) in Vandalia
3.1.2 M	Establish cooling center at shelter	HMC, EMD	Ongoing	NA	O	LF		✓	✓	X	✓		X				
3.1.3 H	Evaluate and upgrade as needed the current emergency response communication infrastructure	HMC, 911, Police, Fire, Sheriff, Ambulance	Ongoing	NA	O	LF	X	X	X	✓	X	✓	X	X	X	X	Updating radios to narrow band as required.
3.1.4 H	Maintain transportation infrastructure	Highway Dept. MODOT	Ongoing	NA	O	F-S-G LF	X		X	✓	✓		X				
3.1.5 H	Ensure that "Road Impassable" during high water signs are posted	HMC, Highway and Bridge Dept.	Ongoing	NA	O	LF	X		X			X					
3.1.6 H	Maintain Street, Road and Bridge Equipment	HMC, Highway and Bridge Dept.	Ongoing	NA	O	LF	X		X	X	X	X	X				Add Street equipment
3.1.7 H	Maintain a supply of extra culverts and materials for repairs for emergency use.	HMC, Highway and Bridge Dept.	Ongoing	NA	O	F-S-G LF	X		X	X	X	X	X				

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Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.1.8	H	Update and maintain list of buildings that are designated as shelters, distribute list	HMC, EMD, law enforcement, Red Cross, Health Dept.	Ongoing	NA	O	F-S-G LF	X	X	✓	✓	✓	✓	✓				Announcement to public on open shelters as needed.
3.1.9	L	Investigate the construction of secure storage facility for all county records.	HMC	1-5 years	N			X										Completed---Off site
3.1.10	H	Maintain snow plowing and removal equipment. Maintain adequate supply of salt during icy weather.	Highway Dept. HMC, MODOT	Ongoing	NA	O	LF	X	✓	✓	✓	✓	✓	✓				
3.1.11	H	Obtain portable generator to maintain communication infrastructure as funds become available.	HMC, Police Dept., Fire Dept.	4-2-yrs Ongoing	NA	O	LF	X	X				X					EOC at 911, Back-up EOC is Sheriff's Dept. Need generator for repeater as funds become available.
3.1.12	H	Work with FEMA and Army Corp of Engineers to update Floodplain map as needed	HMC, City Government	1-5 yrs	NA	N	F-S-G LF	X			X		X	✓				
3.1.13	H	Maintain and replace missing street/road signs	911 Street Dept, County Road crews	Ongoing	NA	O	LF	X	✓		X	X	X	X				
3.1.14	H	Investigate possibility of obtaining back-up generator (s) for the Water Treatment and Waste Water Treatment Plants as funds become available.	HMC, MMU	2-5 yrs	NA	O	F-S-G LF					X		✓				

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Objective 1 Incorporate mitigation procedures and planning into the community.

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3.1.15	H	Investigate possibility of obtaining outdoor warning sirens for all communities in Audrain County as funds become available.	HMC, EMD	1- 5 years	NA	O	F-S-G LF	X										Covered-County-wide
3.1.16	M	Provide shelter management training as funds become available.	HMC, EMD, Red Cross	6 mo-1yr	NA	O	F-S-G LF	X				√						
3.1.17	H DONE	Complete a needs assessment based on previous known natural disasters and known hazards.	HMC, EMD	1-3 yrs	E N	O	F-S-G LF	X	X	X	X	X	X	X	X	X	X	Done --incorporated in to EOP review
3.1.18	H DONE	Investigate the possibility of drilling a secondary city well as funds become available.	HMC, DNR	3-5 yrs	NA	O	LF					√						Completed 2012
3.1.19	H	Consider possibility of developing an additional Public Safety Station on the south side of Mexico as funds become available.	HMC, EMC, Public Safety Dept.	1-5 years	N	O	F-S-G LF						√					
3.1.20	H DONE NEW	Investigate an EAS (Early Alert System) incorporated into 911 as funds become available	HMC, EMD, 911	1-2 years	NA	N	F-S-G LF	X										Done

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Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards; on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 2 Encourage private involvement in mitigation activities.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N--New R--Revision O--Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.2.1	M NEW	Incorporate a saferoom/shelter in the new community center as funds become available	HMC, city personnel	1-5 yrs	N	N	F-S-G LF							X				NEW
3.2.2	M NEW	When school campus expands incorporate a storm shelter as funds become available.	HMC, school	1-5 yrs	N	N	F-S-G LF										X	NEW

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Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 3 Pass and/or adopt ordinances, codes and standards to enforce mitigation activities.

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3.3.1	H	In Audrain County only cities of Mexico, Vandalia, Ladonia and Rush Hill participate in the NFIP. Audrain County and the cities of Mexico, Vandalia, Ladonia and Rush Hill will continue to comply and implement the NFIP requirements and to reduce the flood risks associated with the Flood Hazard Areas	HMC, Highway and Bridge Dept., Floodplain Managers	Ongoing	E N	O	F-S-G LF				✓		✓	✓				
3.3.2	H	Burn Bans issued by Fire Depts. as needed	HMC, Fire Depts.	Ongoing	E	O	LF	X	✓	✓	✓	✓	✓	✓				
3.3.3	H	Enforce Floodplain Ordinance to ensure that no building is built in the floodplain zones.	HMC, floodplain Manager	Ongoing	E N	O	LF				✓		✓	✓				
3.3.4	M	Enforcement of current building codes, BOCA	HMC, city government	Ongoing	E N	O	LF						✓					
3.3.5	H	Review of storm water drainage system and capital improvement plan to upgrade water drainage as needed.	HMC, city government, Wastewater Dept.	1-5 yrs	E N	O	F-S-G LF					✓	X					
3.3.6	M	Enforce City Ordinance # 108-90, city facilities must meet earthquake-building standards.	HMC, City Council	Ongoing	E N	O	LF			✓								

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Jurisdiction-Plan Adoption Proposed Dates

MAY 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9 Laddonia Rush Hill	10	11
12	13 Farber Mexico	14 Vandiver Martinsburg Vandalia	15	16	17	18
19	20	21	22	23	24	25
26	27	28 Benton City	29	30	31	

Audrain County - HMP 2nd meeting RSVP
Tuesday, March 26, 2019

Mexico

Marcy LeCount
Kensey Russell
Chief Susan Rockett
Matthew Kreyling

Ladonia -

Monte Hanson

Audrain Co -

Tracy
Steve
Allan
Nicholas








AUDRAIN COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE MEETING #2—SIGN-IN SHEET

Project:	Audrain County, Missouri Multi-jurisdictional Hazard Mitigation Plan Update	Meeting Date/Time:	March 26, 2019 10:00am
Facilitator:	Chandra Beaver, Fiscal Officer/Community Planner Mark Twain Regional Council of Governments	Place/Room:	Mexico Area Chamber of Commerce, 100 W. Jackson St., Mexico, MO 65265

Name	Title	Department/Agency	Email	Phone #	Signature
GARY GARWICK	ALDERMAN	WADSWORTH CITY COV	ggarwick@waderk.net	573-771-2158	
Monte Hansen	Mayor	Ladonia	monte.hansen@ladonia.mo.org		
Kensley Russell	TW DIRECTOR PUB. SAFETY CHIEF	City of Mexico	krussell@mexicomissouri.org	573-581-2100	
SUSAN LOCICETTI		MEXICO	srockett@mexicomissouri.org	581-2100	
Mary Glavin	CITY CLERK	Mexico	cityclerk@mexicomissouri.org	573-581-2100	
Janie Thomas	ASSISTANT ADMINISTRATOR	TRICOUNTY CARE CENTER DARDANIA, MO	EXT. 303 573-594-6467		
Frankie Gray	CITY CLERK	Vandalia	branding@vandalia.net	573-594-4166	
Dewyn Campbell		MTRCOG	campbellcog@allstphon.com	573-565-2203	
Gindy Hultz		MTRCOG	hultzcog@allstphon.com	573-565-2203	
		Commission Andrain Co		573-473-5822	

AUDRAIN COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE MEETING #2—SIGN-IN SHEET

Project:	Audrain County, Missouri Multi-jurisdictional Hazard Mitigation Plan Update	Meeting Date/Time:	March 26, 2019 10:00am
Facilitator:	Chandra Beaver, Fiscal Officer/Community Planner Mark Twain Regional Council of Governments	Place/Room:	Mexico Area Chamber of Commerce, 100 W. Jackson St., Mexico, MO 65265

Name	Title	Department/Agency	Email	Phone #	Signature
Matthew Freyling	Building Official	City of Mexico	mfreylng@ mexicomissouri.org	581-2100	
Kevin Cash	Administrative	Audrain Ambulance	KCash@audrainambulance.com	253- 0015	
Tracey R. Graham	Commissioner	Audrain County		573- 5822	
Andy Fectue	Site Remediation Manager	Teva	Andy.Fectue@Tevapharm.com	573 253-2577	
Don Reichert	EHS - Teva	Teva	donald.reichert@ teva.com	573-253-2577	
Nicholas Tietsoot	Director of Emergency Management Agency	Audrain County Emergency Management Agency	Ntietsoot@audraincounty.org	(573) 473-5892	
Cheryl Mack	Superintendent	Community R-6 School Dist	mack@cr6.net	855-708-7567	

Chandra Beaver

From: Chandra Beaver <beavercog@rallstech.com>
Sent: Wednesday, April 10, 2019 3:45 PM
To: 'ntietsort@audraincounty.org'; Alan Winders; Steve Hobbs; Tracy Graham; Brue Slagle-Mexico; Chris Miller- Mexico; Darren Berry-Vandalia; John Hodde-Farber; Karen Shaw- Vandalia; Marilyn Eikel- Martinsburg; Monte Hanson-Ladonia; Pat Arens- Martinsburg; Paul Nixon- Vandiver Village; Rita Bland- Laddonia; Scott Batts- Vandiver Village; 'Kensey Russell'; 'bmesko@mexicopsd.org'; 'stocket@mexicomissouri.org'; 'awilliford@mexicomissouri.org'; 'Matthew Kreyling'; 'rjackson@mexicomissouri.org'; 'Brandie Gay'; 'tberry@vandaliamo.net'; 'kferrari@mexico.k12.mo.us'; 'cdenham@mexico.k12.mo.us'; 'Andrew.Fecht@tevapharm.com'; 'Donald Reichert'; 'mack@cr6.net'; 'ggarnett@charter.net'; hultzcog@rallstech.com
Cc:
Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3-Final Planning Meeting

On behalf of Audrain County you are invited to the final planning meeting to develop the update to the Audrain County Multi-Jurisdictional Hazard Mitigation Plan. This meeting will focus on updating the mitigation strategy. Mitigation actions, which make up the strategy, are specific activities that can be undertaken in advance to reduce the impacts of hazards.

During the meeting, we will discuss key issues from the risk assessment and participate in a facilitated discussion of the mitigation strategy including continuing mitigation actions identified in the previous plan as well as identification of any new mitigation actions that should be added to the mitigation strategy to ensure a comprehensive approach to hazard mitigation. In addition, action implementation details will be discussed for both continuing and new actions.

Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3

Updating the Mitigation Strategy

Wednesday, April 17, 2019

Meeting Time: 10:00am

Place: Audrain County Courthouse- Meeting Room

Address: 101 N Jefferson St, Mexico, MO 65265

As discussed in previous meetings, the Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives for each jurisdiction must participate in development of the plan update. It is essential for the county, incorporated cities, and public school districts to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

Other stakeholders such as businesses, academic institutions, private non-profit entities and others in the planning area with an interest in hazard mitigation are encouraged to attend to provide input to the mitigation strategy update.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project and ensure your organization is eligible for FEMA hazard mitigation assistance funding, we need your participation and input.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercog@rallstech.com

Thank you,
Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Chandra Beaver
Mark Twain Regional Council of Governments

Fiscal Officer/Community Planner
Phone (573) 565-2203
Fax (573) 565-2205



www.marktwaincog.com



Chandra Beaver

From: Chandra Beaver <beavercog@rallstech.com>
Sent: Wednesday, April 10, 2019 3:46 PM
To: 'kcash@audrainambulance.com'; 'Andrew.Fecht@tevapharm.com'; 'Donald Reichert'
CC: hultzcog@rallstech.com
Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3-FINAL MEETING

On behalf of Audrain County you are invited to the final planning meeting to develop the update to the Audrain County Multi-jurisdictional Hazard Mitigation Plan. Since your business/agency/entity is directly or indirectly connected to Audrain County mitigation activities, you are considered to be a stakeholder in the process. As a stakeholder in Mitigation Planning, you are invited to the upcoming planning meeting. This meeting will focus on updating the mitigation strategy. Mitigation actions, which make up the strategy, are specific activities that can be undertaken in advance to reduce the impacts of hazards.

During the meeting, we will discuss key issues from the risk assessment and participate in a facilitated discussion of the mitigation strategy. This discussion will cover continuing mitigation actions identified in the previous plan as well as identification of any new mitigation actions that should be added to the mitigation strategy to ensure a comprehensive approach to hazard mitigation. In addition, action implementation details will be discussed for both continuing and new actions.

Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3
Updating the Mitigation Strategy
Wednesday, April 17, 2019
Meeting Time: 10:00am
Place: Audrain County Courthouse
Address: 101 N. Jefferson St, Mexico, MO 65265

As discussed in previous meetings, the Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives for each jurisdiction must participate in development of the plan update. It is essential for the county, incorporated cities, and public school districts to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project, we need your participation and input.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercog@rallstech.com.

Thank you,

Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Chandra Beaver
Mark Twain Regional Council of Governments

Fiscal Officer/Community Planner
Phone (573) 565-2203
Fax (573) 565-2205



www.marktwaincog.com



Chandra Beaver

From: Chandra Beaver <beavercog@rallstech.com>
Sent: Wednesday, April 10, 2019 3:49 PM

To: 'ntietsort@audraincounty.org'; Alan Winders; Steve Hobbs; Tracy Graham; Brue Slagle-Mexico; Chris Miller- Mexico; Darren Berry-Vandalia; John Hodde-Farber; Karen Shaw- Vandalia; Marilyn Eikel- Martinsburg; Monte Hanson-Laddonia; Pat Arens- Martinsburg; Paul Nixon- Vandiver Village; Rita Bland- Laddonia; Scott Batts- Vandiver Village; 'Kensey Russell'; 'bmesko@mexicopds.org'; 'srocket@mexicomissouri.org'; 'awillford@mexicomissouri.org'; 'Matthew Kreyling'; 'jackson@mexicomissouri.org'; 'Brandie Gay'; 'iberry@vandaliamo.net'; 'kferrari@mexico.k12.mo.us'; 'cdenham@mexico.k12.mo.us'; 'Andrew.Fecht@tevapharm.com'; 'Donald Reichert'; 'mack@cr6.net'; 'ggarnett@charter.net'
Subject: FW: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3-FINAL MEETING

Please forward the below invitation to Stakeholders within your jurisdictions. Thank you!

On behalf of Audrain County you are invited to the final planning meeting to develop the update to the Audrain County Multi-Jurisdictional Hazard Mitigation Plan. Since your business/agency/entity is directly or indirectly connected to Audrain County mitigation activities, you are considered to be a stakeholder in the process. As a stakeholder in Mitigation Planning, you are invited to the upcoming planning meeting. This meeting will focus on updating the mitigation strategy. Mitigation actions, which make up the strategy, are specific activities that can be undertaken in advance to reduce the impacts of hazards.

During the meeting, we will discuss key issues from the risk assessment and participate in a facilitated discussion of the mitigation strategy. This discussion will cover continuing mitigation actions identified in the previous plan as well as identification of any new mitigation actions that should be added to the mitigation strategy to ensure a comprehensive approach to hazard mitigation. In addition, action implementation details will be discussed for both continuing and new actions.

Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3 Updating the Mitigation Strategy

Wednesday, April 17, 2019

Meeting Time: 10:00am

Place: Audrain County Courthouse

Address: 101 N. Jefferson St, Mexico, MO 65265

As discussed in previous meetings, the Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives for each jurisdiction must participate in development of the plan update. It is essential for the county, incorporated cities, and public school districts to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project, we need your participation and input.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavecog@rallstech.com.

Thank you,
Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Chandra Beaver
Mark Twain Regional Council of Governments

Fiscal Officer/Community Planner
Phone (573) 565-2203
Fax (573) 565-2205



www.marktwaincog.com



Audrain County
Multi-Jurisdictional Hazard Mitigation Plan Update
Planning Meeting #3
April 17, 2019
10:00am

Agenda

Welcome/Introductions Chandra Beaver, Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Review Purpose/Requirements

Public Survey Results

Updating the Mitigation Strategy
 Review Updated Plan Goals
 Status of Previous Actions
 Development of New Actions
 Prioritization of Mitigation Actions

Hazard Mitigation Assistance Grants

Plan Maintenance

Next Steps

Table 3: Eligible Activities by Program

Eligible Activities	HMGP	PDM	FMA
1. Mitigation Projects	✓	✓	✓
Property Acquisition and Structure Demolition	✓	✓	✓
Property Acquisition and Structure Relocation	✓	✓	✓
Structure Elevation	✓	✓	✓
Mitigation Reconstruction	✓	✓	✓
Dry Floodproofing of Historic Residential Structures	✓	✓	✓
Dry Floodproofing of Non-residential Structures	✓	✓	✓
Generators	✓	✓	
Localized Flood Risk Reduction Projects	✓	✓	✓
Non-localized Flood Risk Reduction Projects	✓	✓	
Structural Retrofitting of Existing Buildings	✓	✓	✓
Non-structural Retrofitting of Existing Buildings and Facilities	✓	✓	✓
Safe Room Construction	✓	✓	
Wind Retrofit for One- and Two-Family Residences	✓	✓	
Infrastructure Retrofit	✓	✓	✓
Soil Stabilization	✓	✓	✓
Wildfire Mitigation	✓	✓	
Post-Disaster Code Enforcement	✓		
Advance Assistance	✓		
5 Percent Initiative Projects	✓		
Miscellaneous/Other ⁽¹⁾	✓	✓	✓
2. Hazard Mitigation Planning	✓	✓	✓
Planning Related Activities	✓		
3. Technical Assistance			✓
4. Management Cost	✓	✓	✓

(1) Miscellaneous/Other indicates that any proposed action will be evaluated on its own merit against program requirements. Eligible projects will be approved provided funding is available.

Five Year Matrix

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 1 Provide informational brochures, websites and programs to educate the public about hazards that may affect them in the future.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding***	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I-SD	Five Year Update Revision
1.1.1	H	Have educational brochures on what to do during a natural disaster available to schools and citizens	HMC, EMD, Health Dept, Fire Depts, govt offices	Ongoing	NA	R	LF	X	✓	✓	✓	✓	✓	✓	X	X	X	Articles in newspapers, county website, Little Dixie Fire District website, social networks, Facebook, Twitter. Link all official website in the county
1.1.2	H	Have informational brochures on retrofitting windows available to distribute to Schools, Day Cares, and Nursing Homes.	HMC, EMD	6 mo-1yr	E	O	LF	X										Supply information to private schools and Amish store
1.1.3	H	Hand out brochures on Earthquake resistant building practices with building permits	HMC	6 mo-1yr	N	O	LF		✓			X						County does not have building codes
		Distribute Design Construction Awareness Brochures with Building permits.	HMC, city government	Ongoing	N	O	LF											DELETE, already covered by building codes

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F—S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency-Management-Director EOC—Emergency-Operations-Center MODOT—Missouri-Dept-of-Trans ✓—Original Plan X—New in 5-year Update

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 2 Publicize appropriate mitigation measures for future potential natural hazards.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
1.2.1	H	Have educational brochures on what to do during extreme heat conditions and distribute to nursing homes, childcare centers, schools.	HMC, EMD, Health Dept, local media, nursing homes, child care, schools	Ongoing	NA	R	LF	X			✓	✓	✓	X	X	X	X	Health Dept distributes information with training for care facilities.
1.2.2	H	Encourage Drought resistant yard watering practices. City has ordinance regulating water usage.	HMC, City Government	Ongoing	NA	O	LF	X	X				✓	X				
1.2.3	H	Work with local cable TV company to post severe natural hazards announcements.	HMC, Fire Dept., Police Dept., Cable Companies	1 yr	NA	R	LF	X	X	X	✓	✓	✓	X	X	X	X	Public announcements on local radio stations and newspapers, also websites, social networks
1.2.4	H	Have educational brochures on what to do during a natural disaster available to the public at the police station, fire station, and city hall. Articles published in local newspaper, websites	HMC, EMD, Fire Dept., media, websites	6 mo-1yr	NA	O	LF	X	✓	X	✓	X	✓					Also at courthouse, 911, and health dept
1.2.5	H	Prepare and insert information on "What to do During Natural Hazards" in the utility bills and at the library	HMC, City Hall, Library	6 mo-1yr	NA	O	LF					✓						
1.2.6	H	Post information on location of after-the-event shelters, local radio stations that have storm warnings, "what to do during natural disasters" brochures.	www.audrain.org www.audrainsheliff.com radio stations, HMC, EMD	6 months-1 year	NA	R	LF	X				X	X	X				Welcome Wagon has newcomer packet, Red Cross and EMD has list of "after the Event" shelters

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 3 Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
1.3.1	H	Promote use of NOAA radios in businesses, private homes, and large gatherings	HMC	Ongoing	NA	O	LF	X	✓	✓	✓	✓	✓	X	X	X	X	Newspaper articles, TV stories/ads, websites encourages purchase of NOAA radios
1.3.2	H	Have speaker available to conduct programs on earthquake safety and severe weather safety.	HMC	1-3 yrs	E N	O	LF	X				✓	✓	X	X	X	X	Human Service Council has speakers, SEMA has speakers on earthquakes
1.3.3	H	Coordinate a plan to warn the Amish communities of severe weather alerts.	HMC, EMD, sheriff Dept.	6 months-1 year	E N	O	LF	X										Check with Sheriff Dept on plan to warn both Amish and Mennonite communities
1.3.4	H	Publish information on numbers to call for current road conditions on the city webpage and city TV channel.	HMC, city webpage, City TV Channel	6 mo-1yr	NA	O	LF	X					X	X	X	X	X	Currently on county website, 911 website, and has links to MODOT website
		Develop "Tornado Preparedness Video for Mexico TV as funds become available.	HMC, Public Safety Dept.	1-2 yrs								✓						DELETE
1.3.5	H	Educate public about location and times of emergency snow routes designated by city/ County	HMC, Public Safety Dept., Public Works Dept.	Ongoing	NA	O	LF	X					✓					Currently on city and county websites, 911 website, and has links to MODOT website
		Develop Hazards of Flash Flooding video for Mexico TV as funds become available.	HMC, Public Safety Dept	1-2 yrs									✓					DELETE

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F—S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens' awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards.

Objective 3 Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-1 SD	Five Year Update Revision
1.3.6	H	Provide informational materials to public on how to prevent basement flooding and problems from improper use of grease traps.	Public Works Dept., Wastewater Dept.	4-3-yr Ongoing	E N	O	LF						✓	X				Back-flow Program offered to all residents
1.3.7	H	Educate public on Wildfire Dangers and publish City Burning Ordinances	HMC, EMD, Public Safety Dept.	Ongoing	E	O	LF						✓	X				Information is available on city website along with brochures at city hall
1.3.8	H NEW	Inform public that prior to any burning in county they are to notify 911 or Fire District	Newspaper, websites, radio, TV	Ongoing	E	N	LF	X										Added NEW

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans √—Original Plan X—New in 5 year Update

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 1 Build and support local partnerships to lessen the effects of natural hazards.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.1.1	H	Remove trees from power line easements in addition to current trimming program	HMC, Utility Company	Ongoing	NA	O	F-S-G	X	✓	✓	✓	✓	X	✓				Cooperate with Utility companies to trim trees in power line easements.
2.1.2	H	Ensure that county school buses are outfitted with two-way communication	HMC, Schools, Health Dept.	Ongoing	NA	O	F-S-G	X						✓	X	X	X	Radios
2.1.3	H	Partnership with NECAC or local churches for distribution of fans as needed.	HMC, NECAC, Health Dept., churches	6-months Ongoing	NA	O	LF	X	✓	✓	X	X	✓	X				
2.1.4	M	Obtain sufficient back-up generators for designated shelters as funds become available.	HMC, EMD	Ongoing 1-5 yrs	NA	O	LF	X	✓	✓	✓		X	X	X			Change sufficient to additional
2.1.5	H	Maintain Mutual Aid Agreements and update on regular schedule	Law enforcement, Emergency OP EMD, Fire Dept. Utility Depts	Ongoing	NA	O	LF	X	✓	✓	✓	✓	✓	✓				
2.1.6	H	Encourage schools to conduct programs on earthquake safety.	HMC, EMD	Ongoing	NA	O	LF	X				✓	✓	X	X	X	X	
2.1.7	H	Promote NOAA radio use. Develop a program to offer low cost radios as funds become available.	HMC, Red Cross	1 year	NA	O	LF	X	X	X					X	X	X	Red Cross has program

**** Priority from STAPLEE analysis *** E—Existing N—New
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update
 **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 1 Build and support local partnerships to lessen the effects of natural hazards.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.1.8	M	Investigate possibility of obtaining back-up generator (s) for the Water Treatment and Waste Water Treatment Plants as funds become available.	HMC	2-5 yrs	NA	O	F-S-G LF					✓	✓	X				
2.1.9	H	Maintain a list of special needs individuals and develop an emergency plan.	HMC, Health Dept., EMD	1-2 yrs	NA	O	LF	X	X	✓	X	X	X	X				Change Special to Functional
2.1.10	H	Encourage tornado awareness drills in the local schools.	HMC, schools	Ongoing	NA	O	LF					✓	X	X	X	X	X	
2.1.11	H NEW	Develop and coordinate a centralized list and emergency plan of functional needs individuals with all the emergency agencies within county.	EMD, Red Cross, Health Dept, Highway Dept, Fire Districts, 911, Electric Utility Companies	1-2 yrs	NA	N	LF	X	X	X	X	X	X	X				NEW

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
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Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 2 Encourage active participation and responsibility of elected officials and emergency personnel in mitigation planning and activities.

Priority* Action Item #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.2.1 H	Conduct regularly scheduled training for weather spotters	HMC, EMD, NWS, Fire Depts.	Ongoing	NA	O	F-S-G LF	X		✓	✓	✓	✓	✓				
2.2.2 H	Maintain a list of special needs individuals.	HMC, Highway and Bridge Dept., Health Dept.	Ongoing	NA	R	LF		✓		✓							Change special to functional
2.2.3 H	Participate in regularly scheduled Table-top exercises and mock emergency exercises.	Law enforcement, Emergency OP personnel, EMD, Fire Dept., Electric Utilities	Ongoing	NA	O	F-S-G LF	X	✓	✓	✓	✓	✓	✓				Coordinate exercises under EMD 3-4 per year
2.2.4 H	Investigate the possibility of obtaining outdoor warning siren as funds become available.	HMC, City Government	1-5 yrs	NA	R	F-S-G LF		✓	X	X	✓	X	X				Add "outdoor" warning sirens. All cities and villages in county have a warning siren
2.2.5 H	Maintain and testing on regular schedule of the current warning siren system and upgrade as needed and funds become available.	HMC, EMD, Fire Dept., 911	Ongoing	NA	O	F-S-G LF	X	X	✓	✓	X	✓	✓				Tested 1 st Tuesday through 911
2.2.6 H	Back-up plan for severe weather notification in event of malfunction of sirens, use fire trucks to warn citizens	HMC, Fire Dept.	Ongoing	NA	O	LF			✓			X	X				
2.2.7 H	Current warning system for severe weather is through P.A. announcements on Fire Dept. vehicles	Fire Dept.	Ongoing	NA	O	LF											

**** Priority from STAPLEE analysis *** E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 3 Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.3.1	H	Maintain and clean culverts and storm water drainage system on a regular schedule.	HMC, Highway & Bridge Dept, Street Dept.	Ongoing	E	O	LF	X	✓	✓	✓	X	X	✓				
2.3.2	H	Encourage Drought resistant farming practices	HMC, USDA, media, University Outreach	Ongoing	NA	LF	LF	X		✓								
2.3.3	H	Encourage Landowners to inspect and maintain their dams according to Dept. of Natural Resources standards.	HMC, MO Dept. of Natural Resources, EMD	Ongoing	E	O	LF	X										Include article in newspaper at least once a year.
2.3.4	H	Promote Back-flow prevention program as funds become available.	HMC, Public Works Dept.	Ongoing	E	O	LF						✓	X				
2.3.5	H	Clean out sediment build-up in the stream bed of the south fork of the Salt River	HMC, Street Dept.	Ongoing	E	O	LF			✓								
2.3.6	H	Plan for debris removal is in place and a designated location for debris is established.	HMC, Street Dept., DNR	1-2 yrs	E	O	LF		✓	X	X	✓	✓	X				
2.3.7	M	Engineering study currently in place for drainage patterns, upgrade as needed and funds become available	HMC, Utility Dept.	Ongoing	E N	O	F-S-G LF		✓		X		✓	X				Ladonia completed a total replacement of sewer system in 2010

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards.

Objective 3 Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
2.3.8	H	Monitor dams at city lakes. Review and conform to DNR regulation at the dams.	HMC, Public Works Dept.	Ongoing	E	O	F-S-G LF						✓					

Priority from STAPLEE analysis * E—Existing N---New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 EMD—Emergency Management Director EOC---Emergency Operations Center MODOT—Missouri Dept. of Trans ✓--Original Plan X--New in 5 year Update

Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 1 Incorporate mitigation procedures and planning into the community.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.1.1	H	Update Emergency Operations Plan on a regular schedule.	Law enforcement, Emergency OP personnel, EMD, Fire Dept.	Ongoing	NA	O	LF	X	✓	X	X	✓	✓	✓	X	X	X	Every three years. Coordinate with POET Ethanol plant in Ladonia and WERDCC (women's prison) in Vandalia
3.1.2	M	Establish cooling center at shelter	HMC, EMD	Ongoing	NA	O	LF		✓	✓	X			X				
3.1.3	H	Evaluate and upgrade as needed the current emergency response communication infrastructure	HMC, 911, Police, Fire, Sheriff, Ambulance	Ongoing	NA	O	LF	X	X	X	✓	X	✓	X	X	X	X	Updating radios to narrow band as required.
3.1.4	H	Maintain transportation infrastructure	Highway Dept. MODOT	Ongoing	NA	O	F-S-G LF	X	X	X	✓			X				
3.1.5	H	Ensure that "Road Impassable" during high water signs are posted	HMC, Highway and Bridge Dept.	Ongoing	NA	O	LF	X		X			X					
3.1.6	H	Maintain Street, Road and Bridge Equipment	HMC, Highway and Bridge Dept.	Ongoing	NA	O	LF	X		X	X	X	X	X				Add Street equipment
3.1.7	H	Maintain a supply of extra culverts and materials for repairs for emergency use.	HMC, Highway and Bridge Dept.	Ongoing	NA	O	F-S-G LF	X		X	X	X	X	X				

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
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Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 1 Incorporate mitigation procedures and planning into the community.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Marinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.1.8	H	Update and maintain list of buildings that are designated as shelters, distribute list	HMC, EMD, law enforcement, Red Cross, Health Dept.	Ongoing	NA	O	F-S-G LF	X	X	✓	✓	✓	✓	✓				Announcement to public on open shelters as needed.
3.1.9	L	Investigate the construction of secure storage facility for all county records.	HMC	1-5 years	N			X										Completed---Off site
3.1.10	H	Maintain snow plowing and removal equipment. Maintain adequate supply of salt during icy weather.	Highway Dept. HMC, MODOT	Ongoing	NA	O	LF	X		✓	✓	✓	✓	✓				
3.1.11	H	Obtain portable generator to maintain communication infrastructure as funds become available.	HMC, Police Dept., Fire Dept.	1-2 yrs Ongoing	NA	O	LF	X		X			X					EOC at 911, Back-up EOC is Sheriff's Dept. Need generator for repeater as funds become available.
3.1.12	H	Work with FEMA and Army Corp of Engineers to update Floodplain map as needed	HMC, City Government	1-5 yrs	NA	N	F-S-G LF	X			X		X	✓				
3.1.13	H	Maintain and replace missing street/road signs	911 Street Dept, County Road crews	Ongoing	NA	O	LF	X		✓	X	X	X	X				
3.1.14	H	Investigate possibility of obtaining back-up generator (s) for the Water Treatment and Waste Water Treatment Plants as funds become available.	HMC, MMU	2-5 yrs	NA	O	F-S-G LF					X		✓				

Priority from STAPLEE analysis * E—Existing N---New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 1 Incorporate mitigation procedures and planning into the community.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.1.15	H	Investigate possibility of obtaining outdoor warning sirens for all communities in Audrain County as funds become available.	HMC, EMD	1-5 years	NA	O	F-S-G LF	X										Covered-County-wide
3.1.16	M	Provide shelter management training as funds become available.	HMC, EMD, Red Cross	6 mo-1yr	NA	O	F-S-G LF	X				√						
3.1.17	H DONE	Complete a needs assessment based on previous known natural disasters and known hazards.	HMC, EMD	1-3 yrs	E N		F-S-G LF	X	X	X	X	X	X	X	X	X	X	Done --incorporated in to EOP review
3.1.18	H DONE	Investigate the possibility of drilling a secondary city well as funds become available.	HMC, DNR	3-5 yrs	NA	O	LF					√						Completed 2012
3.1.19	H	Consider possibility of developing an additional Public Safety Station on the south side of Mexico as funds become available.	HMC, EMC, Public Safety Dept.	1-5 years	N	O	F-S-G LF						√					
3.1.20	H DONE NEW	Investigate an EAS (Early Alert System) incorporated into 911 as funds become available	HMC, EMD, 911	1-2 years	NA	N	F-S-G LF	X										Done

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans √—Original Plan X—New in 5 year Update

Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 2 Encourage private involvement in mitigation activities.

Action Item #	Priority*	Action Item and Strategy	Coordinating Organization	Time Line	Structures **	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.2.1	M NEW	Incorporate a saferoom/shelter in the new community center as funds become available	HMC, city personnel	1-5 yrs	N	N	F-S-G LF							X				NEW
3.2.2	M NEW	When school campus expands incorporate a storm shelter as funds become available.	HMC, school	1-5 yrs	N	N	F-S-G LF										X	NEW

Priority from STAPLEE analysis * E—Existing N—New
 EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee
 X—New in 5 year Update √—Original Plan

Goal 3. Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards: on the loss of life; on new and existing properties; on natural resources; on infrastructure; and on the local economy.

Objective 3 Pass and/or adopt ordinances, codes and standards to enforce mitigation activities.

Action Item #	Priority #	Action Item and Strategy	Coordinating Organization	Time Line	Structures ***	N—New R—Revision O—Ongoing	Funding****	Audrain County	Benton City	Farber	Ladonia	Martinsburg	Mexico	Vandalia	Community R-VI	Mexico 59 SD	Van-Far R-I SD	Five Year Update Revision
3.3.1	H	In Audrain County only cities of Mexico, Vandalia, Ladonia and Rush Hill participate in the NFIP. Audrain County and the cities of Mexico, Vandalia, Ladonia and Rush Hill will continue to comply and implement the NFIP requirements and to reduce the flood risks associated with the Flood Hazard Areas	HMC, Highway and Bridge Dept., Floodplain Managers	Ongoing	E N	O	F-S-G LF				✓		✓					
3.3.2	H	Burn Bans issued by Fire Depts. as needed	HMC, Fire Depts.	Ongoing	E	O	LF	X	✓	✓	✓	✓	✓					
3.3.3	H	Enforce Floodplain Ordinance to ensure that no building is built in the floodplain zones.	HMC, floodplain Manager	Ongoing	E N	O	LF				✓		✓					
3.3.4	M	Enforcement of current building codes, BOCA	HMC, city government	Ongoing	E N	O	LF						✓					
3.3.5	H	Review of storm water drainage system and capital Improvement plan to upgrade water drainage as needed.	HMC, city government, Wastewater Dept.	1-5 yrs	E N	O	F-S-G LF					✓	X					
3.3.6	M	Enforce City Ordinance # 108-90, city facilities must meet earthquake-building standards.	HMC, City Council	Ongoing	E N	O	LF			✓								

Priority from STAPLEE analysis * E—Existing N—New **** LF—Local Funding F-S-G Federal / State Grants N/A Not Applicable HMC—Hazard Mitigation Committee EMD—Emergency Management Director EOC—Emergency Operations Center MODOT—Missouri Dept. of Trans ✓—Original Plan X—New in 5 year Update

Multi-Jurisdictional Local Hazard Mitigation Plan

Action Worksheet	
Name of Jurisdiction:	
Risk / Vulnerability	
Hazard(s) Addressed:	List the hazard or hazards that will be addressed by this action
Problem being Mitigated:	Provide a brief description of the problem that the action will address. Utilize the problem statement developed in the risk assessment.
Action or Project	
Applicable Goal Statement:	Choose the goal statement that applies to this action
Action/Project Number:	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)
Name of Action or Project:	
Mitigation Category:	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services
Action or Project Description:	Describe the action or project.
Estimated Cost:	Provide an estimate of the cost to implement this action. This can be accomplished with a range of estimated costs.
Benefits:	Provide a narrative describing the losses that will be avoided by implementing this action. If dollar amounts of avoided losses are known, include them as well.
Plan for Implementation	
Responsible Organization/Department:	Which organization will be responsible for tracking this action? Be specific to include the specific department or position within a department.
Action/Project Priority:	Include the STAPLEE score and Priority (H, M, L)
Timeline for Completion:	How many months/years to complete.
Potential Fund Sources:	List specific funding sources that may be used to pay for the implementation of the action.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status:	Indicate status as New, Continuing Not Started, or Continuing in Progress
Report of Progress:	For Continuing actions only, indicate the report on progress. If the action is not started, indicate any barriers encountered to initiate the action. If the action is in progress, indicate the activity that has occurred to date.

MULTI-JURISDICTIONAL LOCAL HAZARD MITIGATION PLAN

Modified STAPLEE Process For Prioritization of Proposed Mitigation Actions

The goal of each proposed mitigation action is life safety and/or reduction or prevention of damage from a hazard event. In order to determine the effectiveness in accomplishing this goal, evaluate each action using the criteria below which includes criteria utilizing the STAPLEE method. This method analyzes the Social, Technical, Administrative, Political, Legal, Economic and Environmental aspects of a project and is commonly used by public administration officials and planners for making planning decisions.

Ask the following STAPLEE criteria questions about each proposed mitigation action and strategies. Assign a score to each criterion as follows: (Definitely YES = 3, Maybe YES = 2, Probably NO = 1, Definitely NO = 0)

STAPLEE criteria:

- **Social:** Is the proposed strategy socially acceptable to the community?
- **Technical:** Will the proposed strategy work? Will it solve a problem independently?
- **Administrative:** Can the community implement the strategy? Is there someone to coordinate and lead the effort?
- **Political:** Is the strategy politically acceptable? Is there public support both to implement and to maintain the project?
- **Legal:** Is the community authorized to implement the proposed strategy? Is there a clear legal basis or precedent for this activity?
- **Economic:** What are the costs and benefits of this strategy? Does the cost seem reasonable for the size of the problem and the likely benefits? After implementation, will the benefits over time be more than the cost of the project?
- **Environmental:** Will the project have a positive impact on the environment?

- Will historic structures be saved or protected?
- Could it be implemented quickly?

Mitigation Effectiveness:

Ask the following questions about each proposed mitigation action as it relates to life/safety and/or reduction or prevention of damages. Assign 5-10 additional points.

Will the implemented action result in lives saved?

Will the implemented action result in a reduction of disaster damages?

MULTI-JURISDICTIONAL LOCAL HAZARD MITIGATION PLAN

STAPLEE Worksheet		
Name of Jurisdiction:		
Action or Project		
Action/Project Number:	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)	
Name of Action or Project:		
Mitigation Category:	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services	
STAPLEE Criteria	Evaluation Rating	Score
	Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0	
S: Is it Socially Acceptable		
T: Is it Technically feasible and potentially successful?		
A: Does the jurisdiction have the Administrative capacity to execute this action?		
P: Is it Politically acceptable?		
L: Is there Legal authority to implement?		
E: Is it Economically beneficial?		
E: Will the project have either a neutral or positive impact on the natural Environment ?		
Will historic structures be saved or protected?		
Could it be implemented quickly?		
STAPLEE SCORE		
Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.	
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	
MITIGATION EFFECTIVENESS SCORE		
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)		

<input type="checkbox"/> High Priority (30+ points)	<input type="checkbox"/> Medium Priority (25 - 29 points)	<input type="checkbox"/> Low Priority (<25 points)
---	---	--


Completed by
(Name, Title, Phone Number) _____

**AUDRAIN COUNTY
MULTI-JURISDICTIONAL HAZARD
MITIGATION PLAN**



**MEETING #3
MITIGATION STRATEGY
APRIL 17, 2019**

Project Planner: *Christa Brown, Local Officer/Community Planner*
Mark Tamm, Regional Council of Governments



MEETING PURPOSE

- Review Purpose/Requirements
- Public Survey Results
- Updating the Mitigation Strategy
 - Review Updated Plan Goals
 - Status of Previous Actions
 - Development of New Actions
 - Prioritization of Mitigation Actions
- Hazard Mitigation Assistance Grants
- Plan Maintenance
- Next Steps




**DISASTER MITIGATION ACT
OF 2000**

- Requires local governments to adopt a natural hazard mitigation plan to maintain eligibility for FEMA Hazard Mitigation Assistance funds
- This Plan Update is for a Multi-jurisdictional Hazard Mitigation Plan covering the Unincorporated County, participating Incorporated Cities, and Public School Districts




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graph TD; A[Disaster Destruction] --> B[Rebuilding]; B --> C[Disaster Destruction]; C --> D[Rebuilding]; D --> A; E((Break the Cycle!))
```




9 TASKS TO COMPLETE THE PLAN UPDATE

- Task 1: Determine the Planning Area and Resources
- Task 2: Build the Planning Team
- Task 3: Create an Outreach Strategy
- Task 4: Assess Community Capabilities
- Task 5: Conduct a Risk Assessment
- Task 6: Develop a Mitigation Strategy
- Task 7: Review and Adopt the Plan
- Task 8: Keep the Plan Current
- Task 9: Create a Safe and Resilient Community



PARTICIPATING JURISDICTIONS—REVIEW REQUIREMENTS

- Designate a representative to serve on the Hazard Mitigation Planning Committee, which will meet three times during the planning process;
- Provide data for and assist in the development of the updated risk assessment that describes how various hazards impact your jurisdiction;
- Provide data to describe current capabilities;
- Develop/update mitigation actions (at least one) specific to your jurisdiction;
- Provide comments on plan drafts as requested;
- Inform the public, local officials, and other interested parties about the planning process and provide opportunities for them to comment on the plan; and
- Formally adopt the mitigation plan.



STATUS OF PARTICIPATION REQUIREMENTS


Jurisdictions	Meeting Attendance	Data Collection Guide	Status of Previous Actions
Audrain County	Yes	Yes	
Vandalia	Yes	Yes	
Ladonia	Yes	Yes	
Mexico	Yes	No	
Benton City	No	No	
Farber	No	No	
Martinsburg	No	No	
Vandiver Village	Yes	No	
Van-Far School District	No	No	
Community R-VI School District	Yes	Yes	
Mexico 59 School District	Yes	No	



PUBLIC SURVEY RESULTS
*NO PUBLIC COMMENT WAS RECEIVED




**UPDATING THE
MITIGATION STRATEGY**




MITIGATION STRATEGY

- Goals are general guidelines that explain what you want to achieve. They are long-term, broad, policy-type statements.
- Mitigation Actions are specific actions that help achieve goals.




PLAN GOALS— UPDATED AT MEETING #2

- It was decided to keep the Goals the same as 2015 Plan
- Goal 1 Public Awareness—Using a variety of communications avenues to increase the citizens awareness of and promote education about the natural hazards that they may face, their vulnerability to these hazards, and how to lessen the effect of future natural hazards. Objective 1 Provide informational brochures, websites and programs to educate the public about hazards that may affect them in the future. Objective 2 Publicize appropriate mitigation measures for future natural hazards. Objective 3 Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.
- Goal 2 Strengthen communication and coordination between local governments, emergency personnel, public agencies, and citizens to mitigate the effects of future natural hazards. Objective 1 Build and support local partnerships to lessen the effects of natural hazards. Objective 2 Encourage active participation and responsibility of elected officials and emergency personnel in mitigation planning and activities. Objective 3 Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property and the environment.
- Goal 3 Investigate, implement, maintain, and enforce mitigation policies and programs that limit the impact of natural hazards on the loss of life, on new and existing properties, on natural resources, on infrastructure, and on the local economy. Objective 1 Incorporate mitigation procedures and planning into the community. Objective 2 Encourage private involvement in mitigation activities. Objective 3 Pass and/or adopt ordinances, codes and standards to enforce mitigation activities.



MITIGATION ACTIONS


- Losses from hazards can be reduced if communities take action before the next disaster
- Actions have long term and cumulative benefits
- Some may be low-cost initiatives readily adopted
- Others may be dependent on available funding or best implemented following a disaster
- Relevant to your Jurisdiction
- Focus on Mitigation-not a response plan
- Not all actions identified through this planning process will be eligible for FEMA grants



UPDATING/DEVELOPING MITIGATION ACTIONS


- Previous Actions—status updates required for ALL actions from previous plan (FEMA will not approve without this)
- New Actions—add new actions, as appropriate
 - FEMA’s Mitigation Ideas Booklet
 - Review Problem Statements from Risk Assessment
 - State Priorities for Hazard Mitigation Assistance Grants
 - Public Opinion from Surveys

Specific
Measurable
Achievable
Relevant
Time-bound




DROUGHT PROBLEM STATEMENTS

- Problem Statement
- Audrain County is at a high risk for a severe drought which is an extra strain placed on the water supply system. Possible solutions include the development of agreements with neighboring communities for a secondary water source and review of local ordinance/regulation for inclusion of water-use restrictions during periods of drought.




EARTHQUAKES PROBLEM STATEMENTS

- Although Audrain County is not located in an area that will likely see catastrophic damage from an earthquake, the County will be impacted by the loss of communications, transportation, the disruption of roads, rail and pipelines, water transportation, and the area will see a significant amount of refugees fleeing from Southern Missouri if a quake hits that area. Education is minimal for earthquakes do to the low likely hood of impact. There is one Emergency Management Director for the County that knows where all the generators and emergency buildings are. Not all citizens utilize social media and texting. An emergency plan for earthquakes needs to be made available to all residents and stated what would happen in the event of an earthquake with details for communications and transportation. Downtown building owners need to know plan in case damage is done to their building. Residents need to be made aware of where the generators and emergency buildings are located. Utilization of social media and texting needs to be encouraged.




EXTREME TEMPERATURE'S PROBLEM STATEMENTS

- Problem Statement
- Audrain County has a growing population of residents over 65 years, who are at a greater risk for extreme-temperature related illnesses, injuries, and death. Possible solutions include organizing outreach to the vulnerable elderly populations, including establishing and promoting accessible heating or cooling centers in the community and creating a database in coordination with the Health Department to track those individuals at high risk.




WILDFIRE PROBLEM STATEMENTS

- Problem Statement
- Residents do not comply with burn bans, education is not available for the levels of burn bans, many residents lack education in fire safety and not all residents utilize social media and texting. Education needs to occur on the dangers associated with not complying with the burn bans, more education for fire safety and encourage utilization of social media and texting. Do to Audrain County's high drought rating, they may be more susceptible to fires.




LAND SUBSIDENCE/SINKHOLES PROBLEM STATEMENTS

- Problem Statement
- Sinkholes can occur at any time and without warning and vary by size. There can be a disruption of transportation services and not residents in the dangerous areas are not educated on what to do if a sinkhole occurs. Education needs to occur on the danger areas of a sinkhole occurring and what to do if a sinkhole does occur.




LEVEE FAILURE PROBLEM STATEMENTS

- Problem Statement
- Low-head agricultural levees are not regulated or inspected on a regular basis.
- Residents need to be informed on how to perform inspections on low-head agricultural levees.




THUNDERSTORM/HIGH WINDS/ LIGHTNING/HAIL PROBLEM STATEMENTS

- Problem Statement
- Thunderstorms can damage power lines with the high winds or fallen debris such as tree limbs. Not everyone in the county utilizes social media, texting or have access to a weather radio, smaller communities do not have warning sirens, and rural areas do not have warning sirens. Possible solutions include review of local ordinance and building codes to address high winds and/or construction techniques to include structural bracing, straps and clips, or anchor bolts.



TORNADO PROBLEM STATEMENTS

- Problem Statement
- Audrain County has inadequate tornado shelters throughout the county, not everyone utilizes social media and/or texting, the rural areas do not have warning sirens, smaller communities do not have warning sirens, lack of awareness for available shelters and more education needs to occur.
- Possible solutions include promoting the use of NOAA weather radios and conducting public education and outreach activities to increase awareness of tornado risk.

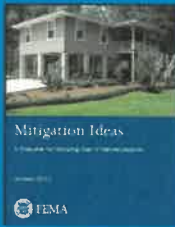


WINTER WEATHER/SNOW/ICE/ SEVERE COLD PROBLEM STATEMENTS

- Problem Statement
- Audrain County is expected to experience at least one severe winter weather events annually; the county has a low-medium vulnerability rating. Jurisdictions should enhance their weather monitoring to be better prepared for severe weather hazards. If jurisdictions monitor winter weather, they can dispatch road crews to prepare for the hazard. County and city crews can also trim trees along power lines to minimize the potential for outages due to snow and ice. Citizens should also be educated about the benefits of being proactive to alleviate property damage as well as preparing for power outages. Education needs to occur to ensure all residents are aware of the shelters in the County, residents are educated on emergency supplies to have and the utilization of social media and texting increases.

ADDITIONAL RESOURCES

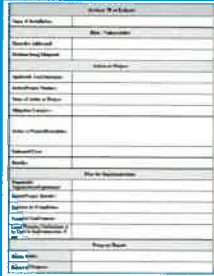
- FEMA's Mitigation Ideas Booklet
- Can be downloaded at:
<https://www.fema.gov/media-library/assets/documents/30627?id=6938>



The image shows the cover of the FEMA Mitigation Ideas Booklet. It features a photograph of a two-story house with a porch, surrounded by a lawn and trees. The text on the cover includes 'Mitigation Ideas' and the FEMA logo.

MITIGATION ACTION PLANS


- Complete for Continuing and New actions
- Provides details for each action




The image is a screenshot of a 'Mitigation Action Plan Worksheet'. It is a table with multiple rows and columns. The columns include 'Action Number', 'Risk Reduction', 'Action Description', 'Priority', 'Status', 'Responsible Agency', 'Start Date', 'End Date', 'Funding Source', and 'Notes'. The table is currently empty.

PRIORITIZING MITIGATION ACTIONS

- STAPLEE Worksheet (handout):
 - Social
 - Technical
 - Administrative
 - Political
 - Legal
 - Economical
 - Environmental




The image is a screenshot of a 'STAPLEE Worksheet'. It is a complex form with multiple sections. The sections include 'STAPLEE Worksheet', 'Social', 'Technical', 'Administrative', 'Political', 'Legal', 'Economical', and 'Environmental'. Each section has a list of criteria and a corresponding table for evaluation. The table has columns for 'Criteria', 'Rating', and 'Weighted Rating'. The table is currently empty.




MITIGATION ACTIONS

- Each jurisdiction is required to have at least one mitigation action.
- Mitigation Action Plan and STAPLEE Worksheet must be completed for each mitigation action for each jurisdiction
- Any Questions?




PLAN MAINTENANCE




PLAN MAINTENANCE


- FEMA Regulations require complete plan update every 5 years.
- FEMA requires a formal plan maintenance process to ensure that the mitigation plan remains an active and relevant document
- Who, how, and when will plan be monitored, evaluated, and updated?
- How will public be involved in plan maintenance process?
- How will mitigation strategy be incorporated into other planning mechanisms?

 **PLAN IMPLEMENTATION AND MAINTENANCE-HMPC CONSENSUS NEEDED**

- Who, how, and when will plan be monitored, evaluated, and updated?
 - Annual Review?, After hazard events?
 - Who will organize?, Who will participate?
 - Update Status of Mitigation Actions?
- How will public be involved in plan maintenance process?
 - Press Release on annual reviews?
 - Other ideas?

 **PLAN IMPLEMENTATION AND MAINTENANCE-HMPC CONSENSUS NEEDED**

- How will mitigation strategy be incorporated into other planning mechanisms?
 - Review Mitigation Plan during planning process to update other plans?
 - Comprehensive Plans
 - Capital Improvement Plans
 - School Infrastructure Plans
 - School Emergency Plans
 - After review of Mitigation Plan, forward strategy with updates for consideration in other planning mechanisms?

 **COMPLETED ACTION FORMS/SPREADSHEET DUE APRIL 24, 2019**

- Work with others in your jurisdiction to determine final actions to submit for the plan
 - Other Departments
 - Private Non-Profit Organizations
- Provide Completed Spreadsheet/Forms as email attachment to:
 - [Insert contact information]



HAZARD MITIGATION ASSISTANCE (HMA) GRANTS: MISSOURI STATE EMERGENCY MANAGEMENT AGENCY

- Hazard Mitigation Grant Program-HMGP
- Pre-Disaster Mitigation Grants-PDM
- Flood Mitigation Assistance Grants-FMA

Contact
Heidi Carver
State Hazard Mitigation Officer
573-526-9116




OTHER FUNDING SOURCES

- USDA
 - Rural Development Grants
 - Emergency Watershed Protection Program
- U.S. Dept of Commerce
 - Public Works and Economic Dev. Facilities Assistance
- U.S. Dept of Housing and Urban Development
 - Community Development Block Grants
- U.S. Army Corps of Engineers
 - Studies
 - Projects




COMMENT PERIODS-FULL PLAN DRAFT

- **May 6-May 20, 2019** Committee Comment Period
 - 2 week period
 - Notify others in your jurisdiction
- **May 27-May 31, 2019** Final Public Comment Period
 - 2 week period
 - Marktwaincog.com
 - Audrain County Courthouse
 - The Mexico Ledger



HOMEWORK & NEXT STEPS

- **ASAP** Action Forms Due
- **ASAP** Jurisdictions Adopt Plan
- **May 8-May 20, 2019** Committee Comment
- **May 27-May 31, 2019** Final Public Comment Period
- **June 1, 2019** Submit Plan to SEMA
- **After receiving SEMA Approval** Submit Plan to FEMA
- **September 1, 2019** FEMA's Approval



IN-KIND

- Submit In-Kind Worksheet

Audrain County, Missouri
PRESS RELEASE

For Immediate Release

Contact: [Cindy HultzChandra Beaver](#)
573-565-2203

Audrain County Planning Committee Seeks Public Input

Audrain County, MO — The public is encouraged to review and comment on the Audrain County Multi-jurisdictional Hazard Mitigation Plan Update before it is finalized. The plan includes an updated strategy to reduce damage and losses caused by hazard events. The final draft of the plan will be available online and in hard-copy at select public locations in Audrain County from May 17-May 31, 2019. The purpose is to provide information to the public on the Multi-jurisdictional Hazard Mitigation Plan Update as well as gain public input.

Each year, thousands of American families are affected by disasters, and billions of dollars are spent on disaster recovery. Some disasters are predictable, and often, losses and damages can be reduced or eliminated. For these reasons, the Federal Disaster Mitigation Act of 2000 requires communities to develop an approved local hazard mitigation plan. Without such a plan, communities are not eligible for certain federal funding.

Representatives from county departments, the incorporated cities, public school districts, and other mitigation planning stakeholders worked together to develop this plan update. The planning committee addressed hazards ranging from extreme heat and severe winter storms to tornadoes and flooding—and considered the impacts of these events on local communities. Based on the results of an updated risk assessment of the hazards, committee members updated the strategies for their jurisdictions to reduce damages caused by the various hazards.

The planning committee would like input from the public on the updated strategy for Audrain County. Public comments will be considered by the Hazard Mitigation Planning Committee and incorporated into the plan, as appropriate.

From May 17- May 31, 2019 the final draft plan will be available for your review at the following locations:

Online at: marktwaincog.com

In hard-copy during normal operating hours at: Audrain County Courthouse
101 N. Jefferson St. Mexico, MO 65265

The final plan must be approved by the governing body of each participating jurisdiction, the Missouri State Emergency Management Agency, and FEMA before becoming official. The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is [Cindy HultzChandra Beaver](#), Fiscal Officer/Community Planner. For more information on this project, contact Chandra Beaver at 573-565-2203.

Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3

On behalf of Audrain County you are invited to the final planning meeting to develop the update to the Audrain County Multi-Jurisdictional Hazard Mitigation Plan. This meeting will focus on updating the mitigation strategy. Mitigation actions, which make up the strategy, are specific activities that can be undertaken in advance to reduce the impacts of hazards.

During the meeting, we will discuss key issues from the risk assessment and participate in a facilitated discussion of the mitigation strategy including continuing mitigation actions identified in the previous plan as well as identification of any new mitigation actions that should be added to the mitigation strategy to ensure a comprehensive approach to hazard mitigation. In addition, action implementation details will be discussed for both continuing and new actions.

Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3

Updating the Mitigation Strategy

Wednesday, April 17, 2019

Meeting Time: 10:00am

Place: Audrain County Courthouse- Meeting Room

Address: 101 N Jefferson St, Mexico, MO 65265

As discussed in previous meetings, the Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives for each jurisdiction must participate in development of the plan update. It is essential for the county, incorporated cities, and public school districts to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

Other stakeholders such as businesses, academic institutions, private non-profit entities and others in the planning area with an interest in hazard mitigation are encouraged to attend to provide input to the mitigation strategy update.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project and ensure your organization is eligible for FEMA hazard mitigation assistance funding, we need your participation and input.

Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavercog@rallstech.com

Thank you,

Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments

Subject: Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3

On behalf of Audrain County you are invited to the final planning meeting to develop the update to the Audrain County Multi-Jurisdictional Hazard Mitigation Plan. Since your business/agency/entity is directly or indirectly connected to Audrain County mitigation activities, you are considered to be a stakeholder in the process. As a stakeholder in Mitigation Planning, you are invited to the upcoming planning meeting. This meeting will focus on updating the mitigation strategy. Mitigation actions, which make up the strategy, are specific activities that can be undertaken in advance to reduce the impacts of hazards.

During the meeting, we will discuss key issues from the risk assessment and participate in a facilitated discussion of the mitigation strategy. This discussion will cover continuing mitigation actions identified in the previous plan as well as identification of any new mitigation actions that should be added to the mitigation strategy to ensure a comprehensive approach to hazard mitigation. In addition, action implementation details will be discussed for both continuing and new actions.

**Audrain County Multi-jurisdictional Hazard Mitigation Plan Update Meeting #3
Updating the Mitigation Strategy
Wednesday, April 17, 2019
Meeting Time: 10:00am
Place: Audrain County Courthouse
Address: 101 N. Jefferson St, Mexico, MO 65265**

As discussed in previous meetings, the Disaster Mitigation Act of 2000 requires counties, municipalities, school districts, and other jurisdictions to participate in an approved Hazard Mitigation Plan to be eligible for certain federal hazard mitigation funding programs. To qualify as a participant in the plan, authorized representatives for each jurisdiction must participate in development of the plan update. It is essential for the county, incorporated cities, and public school districts to send at least one individual to the planning meeting detailed above. If you will be unable to attend, please ensure that someone else from your jurisdiction is designated to attend.

The Mark Twain Regional Planning Commission has taken the lead in developing this plan. The point of contact is Chandra Beaver, Fiscal Officer/Community Planner. To successfully complete this project, we need your participation and input.


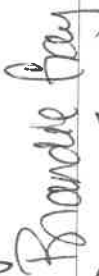
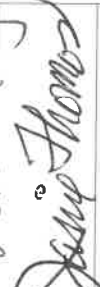







Please confirm your attendance or provide contact information for your designated alternate by responding to Chandra Beaver at 573-565-2203 or beavecog@rallstech.com.

Thank you,

Chandra Beaver
Fiscal Officer/Community Planner
Mark Twain Regional Council of Governments




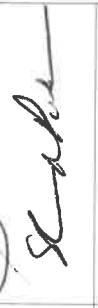
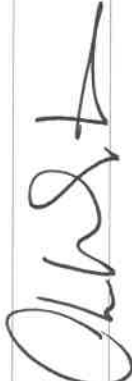




AUDRAIN COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE MEETING #3—SIGN-IN SHEET

Project:	Audrain County, Missouri Multi-jurisdictional Hazard Mitigation Plan Update	Meeting Date/Time:	April 17, 2019 10:00am
Facilitator:	Chandra Beaver, Fiscal Officer/Community Planner Mark Twain Regional Council of Governments	Place/Room:	Audrain County Courthouse-Meeting Room 101 N. Jefferson St, Mexico, MO 65265

Name	Title	Department/Agency	Email	Phone #	Signature
J. KENNEY RUSSELL	P.O. DIRECTOR	CITY MEXICO	krussell@metexico.missouri.org	573-581-2100	
Brandie S Gray	City Clerk ASSISTANT ADMINISTRATOR	City of Vandalia TRI-COUNTY VANDALIA CARE CENTER	brandie@vandaliamu.net	573-544-6180 EXT. 303	
JANIE THOMAS			JANIE.TECC@MEXICO.MO	573-544-6461	
SUSAN BOCKETT	CHIEF PUBLIC SAFETY	Mexico	SPOCKETT@ MEXICOMISSOURI.MO	581 2100	
Nicholas Trefzert	Director EMT	Audrain County Emergency management	Ntrefzert@audraincounty.org	(573) 473-5892	
TRACY R. GANTMAN	Commission	Audraha		573-473-5922	
Aimee Higgins	News Director	KXEO/KUWR	news@ radiogets results.net	573-253-4666	
JoAnn Nengel	ER Tech Sec	Smythman ER	Joann.Nengel@ssmhealth.com	573-582-4000	
Leslie Dahl	E.R. Tech	SSM/Aud. ER	Leslie.Dahl@ssmhealth.com	573-582- 4000	
Brian Untiedt	Area Engineer	Mo DOT	brian.untiedt@ modot.mo.gov	573-248- 6284	

AUDRAIN COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE MEETING #3—SIGN-IN SHEET

Project:	Audrain County, Missouri Multi-jurisdictional Hazard Mitigation Plan Update	Meeting Date/Time:	April 17, 2019 10:00am
Facilitator:	Chandra Beaver, Fiscal Officer/Community Planner Mark Twain Regional Council of Governments	Place/Room:	Audrain County Courthouse-Meeting Room 101 N. Jefferson St, Mexico, MO 65265

Name	Title	Department/Agency	Email	Phone #	Signature
Brian Poplin	Env. Coordinator	ADM	brian.poplin@cadm.com	573 721 4333	
Brooks Pettit	Bio Supt.	ADM	brooks.pettit@cadm.com	573-581-8439 <small>opt. #4</small>	
CARL DONALDSON	PUBLIC WORKS MANAGER	CITY OF LADDONIA	CARL.DONALDSON@LADDONIAMO.ORG	573-582-2906	
Shawn Puls	Chief of Police	Laddonia PD	shawn.puls@laddoniamo.org	573-721 8525	
	Assessment Coordinator	Audrain Co	chadwick@audraincounty.org	573 473 5822	
Bob Curtis	High School Principal	Community R-DE Schools	bcurtis@cr6.net	855-708-7567	
STEVE HOBBS	Presiding Commissioner	Audrain County	shobbs@audraincounty.org	573-473 5822	
BRIAN MAEFFNER	ALERT ENGINEER	MODOT	brian.maeffner@modot.mo.gov	660 349 0992	
Dan Barton	Operations Manager	Panhandle Eastern Apple	daniel.barton@eastapple.com	217-430-2511	