

Hazard Mitigation Talking Points

Meeting #1
Agenda
May 26, 2016

Background Information	
What is the Butler County Hazard Mitigation Plan Update?	The Butler County Hazard Mitigation Plan update is a required update to the Butler County Hazard Mitigation Plan. The plan is required by the Robert T. Stafford Disaster Relief and Emergency Assistance Act as amended by the Disaster Mitigation Act of 2000. Each jurisdiction is required to have adopted a plan and the plan is required to be updated every five (5) years.
What is the purpose of the plan?	The purpose of the Butler County Hazard Mitigation Plan is to identify hazard mitigation activities within the county which could lessen or remove fully the impacts of natural disasters. The plan is intended to guide mitigation activities within the county. Additionally, only projects listed within the Butler County Hazard Mitigation Plan will be eligible for FEMA Hazard Mitigation Assistance grants. Non-FEMA funds may be used for future mitigation projects regardless of whether or not they are identified in the plan.
Who is required to adopt a local hazard mitigation plan?	Every jurisdiction is required to adopt and maintain a local hazard mitigation plan to remain in compliance with the Disaster Mitigation Act of 2000. This can be achieved through adoption of the County plan or through the development of their own local plan. Cities and villages are required to adopt a plan or develop their own, and are additionally required to have at least one (1) identified mitigation action for their community included in the plan. Unincorporated areas, such as townships, are included in the County plan.
What are the benefits of developing and adopting the Butler County Hazard Mitigation plan?	There are several benefits to adopting the Butler County Hazard Mitigation plan. These include: <ul style="list-style-type: none"> • Communities remain in compliance with the Robert T. Stafford Disaster Relief and Emergency Assistance Act and are thus eligible for federal disaster relief funds. • Projects identified in the plan may be eligible for FEMA Hazard Mitigation Assistance grants. These include: <ul style="list-style-type: none"> ○ Hazard Mitigation Grant Program (HMGP) – Provides potential hazard mitigation funds following a Presidential major disaster declaration. ○ Pre-Disaster Mitigation Grant Program (PDM) – Provides potential hazard mitigation funds prior to a Presidential major disaster declaration. ○ Flood Mitigation Assistance Grant Program (FMA) – Provides potential hazard mitigation funds specifically for flood-prone structures focused on reducing or eliminating claims under the National Flood Insurance Program (NFIP). • Adoption of the Butler County Hazard Mitigation plan saves the local jurisdiction money by fulfilling the requirement without having to undergo the costly plan development process. • Allows citizens to be eligible for direct application grants, such as the Ohio Safe Room Rebate Program (Tornado Safe Rooms).
Hazard Identification and Risk Analysis (HIRA)	Part of the Butler County Hazard Mitigation plan update is the development of a Hazard Identification and Risk Analysis (HIRA). The HIRA is used to rank the hazards which may impact Butler County. To develop the HIRA, Butler County used surveys provided first responders, county and jurisdictional administrators and community partners to identify what hazards they felt were the most concerning. These surveys

Hazard Mitigation Talking Points

	<p>looked at five (5) areas and weighted them based on their significance. These areas included the following (weight provided in parenthesis):</p> <ul style="list-style-type: none"> • Probability (30%) – Probability was defined as how likely it is that a community would face a specific hazard. • Impact (30%) – Impact was defined as the significance of the damage following a specific hazard. • Geographical Extent (20%) – Geographical Extent was defined as how widespread the damage would be following a specific hazard. • Warning Time (10%) – Warning Time was defined as the average amount of time before a specific hazard which could be used to notify the community. • Duration (10%) – Duration was defined as the average amount of time a specific hazard would persist. <p>The surveys provided resulted the following HIRA for Butler County:</p> <ol style="list-style-type: none"> 1. Natural Hazards <ol style="list-style-type: none"> 1. Tornadoes 2. Severe Summer Storms 3. Flooding 4. Heat Emergencies 5. Earthquakes 6. Drought 7. Land Subsidence 8. Wildfires 2. Technological Hazards <ol style="list-style-type: none"> 1. Dam Failures <p>The Butler County Hazard Mitigation Planning Committee also added Hazardous Materials Releases under the heading of Technological Hazards.</p>
Mitigation Actions	
Mitigation actions ongoing since last plan update	<p>The 2011 Butler County Hazard Mitigation plan included the following mitigation goals and actions deemed ongoing by the Butler County Hazard Mitigation Planning Committee:</p> <ul style="list-style-type: none"> • All Hazards <ul style="list-style-type: none"> ○ Ensure public funds are used in the most efficient and effective manner <ol style="list-style-type: none"> 1. Seek and secure grants for mitigation activities • Severe Storms <ul style="list-style-type: none"> ○ Ensure public safety and reliable utility service during severe storms <ol style="list-style-type: none"> 2. Seek funding for back-up generators for all critical facilities in the county ○ Reduce damage to public and private property during severe storm events <ol style="list-style-type: none"> 2. Identify historic/architecturally significant buildings and critical infrastructure in the county that may need structural upgrades to withstand events associated with severe storms • Floods <ul style="list-style-type: none"> ○ Minimize losses caused by river and flash flooding to private and public property <ol style="list-style-type: none"> 2. Identify and inventory all structures that are subject to flood damage, including critical facilities and repetitive loss properties

Hazard Mitigation Talking Points

	<ol style="list-style-type: none"> 3. Inform insurance agents and the public of the National Flood Insurance Program (NFIP) and FEMA floodplain regulations 5. Develop a countywide plan for susceptible structures in floodplain by investigating the feasibility of moving structures to safer locations 6. Maintain full participation in the National Flood Insurance Program (NFIP) throughout Butler County <ul style="list-style-type: none"> ○ Minimize the danger and property damage associated with a potential Class I dam failure in the county <ol style="list-style-type: none"> 1. Develop a public education program for residents and business owners located within inundation areas downstream of a Class I dam <ul style="list-style-type: none"> • Winter Storms <ul style="list-style-type: none"> ○ Reduce vulnerability of county infrastructure during future winter storm events <ol style="list-style-type: none"> 2. Ensure that Butler County Engineer's Office, city road departments and township road departments have an adequate amount of snow removal vehicles and equipment ○ Reduce vulnerability of the public during a future winter storm event <ol style="list-style-type: none"> 1. Develop an educational program for the public regarding "snow emergency levels" and other winter storm warnings • Tornadoes <ul style="list-style-type: none"> ○ Reduce health and safety risk to Butler County community in the event of a tornado <ol style="list-style-type: none"> 2. Develop a program to make weather radios more available to community residents • Droughts <ul style="list-style-type: none"> ○ Reduce economic impact of drought on the county <ol style="list-style-type: none"> 1. Establish a comprehensive list of areas, businesses and people prone to drought so they could be assisted quickly during drought incidents 3. Seek out potential state and federal subsidy programs for crop losses due to drought ○ Minimize potential fire losses due to drought conditions <ol style="list-style-type: none"> 1. Develop public education campaign for awareness to the increased risk of wildfires during drought and dry conditions 2. Develop an inventory of possible alternative water sources (i.e. lakes, ponds) that can supplement firefighting efforts during dry and drought conditions • Earthquakes <ul style="list-style-type: none"> ○ Increase public awareness of earthquakes and associated risks to health, safety and private property <ol style="list-style-type: none"> 1. Update potential earthquake impact information regarding the county and disseminate it to the public ○ Reduce damages to existing and future county critical infrastructure from earthquakes <ol style="list-style-type: none"> 1. Identify funding sources for implementing earthquake risk reduction practices for critical facilities in the county
--	--

Hazard Mitigation Talking Points

<p>Mitigation actions incomplete since last plan update</p>	<p>The 2011 Butler County Hazard Mitigation plan included the following mitigation goals and actions deemed incomplete by the Butler County Hazard Mitigation Planning Committee:</p> <ul style="list-style-type: none"> • Severe Storms <ul style="list-style-type: none"> ○ Reduce damage to public and private property during severe storm events 3. Investigate developing stricter building codes that would better withstand strong winds associated with severe storms • Floods <ul style="list-style-type: none"> ○ Minimize losses caused by river and flash flooding to private and public property 4. Develop a public education program for residents and business owners located in flood-prone areas regarding river setbacks, erosion and other soil and flood related issues • Winter Storms <ul style="list-style-type: none"> ○ Reduce vulnerability of county infrastructure during future winter storm events 1. Develop an informational program to encourage local utility companies to bury future utility lines 3. Investigate developing stricter building codes that would better withstand winter storms ○ Reduce vulnerability of the public during a future winter storm event 4. Work with Red Cross to ensure that all shelters will be operational during winter storm events (i.e. potential power outages, heating issues)
<p>Proposed Mitigation Actions</p>	<ul style="list-style-type: none"> • All Hazards <ul style="list-style-type: none"> ○ Reduce health and safety risk to the Butler County Community in the event of a significant disaster 1. Emergency Notification – Investigate new notification options, including social media 2. IPAWS Mobile App Implementation – Apply for funding and implement this program 3. Update List of Emergency Shelters 4. Mitigation Activity Funding – Apply for funding to implement top priority mitigation projects 5. Public Awareness – Update all printed material into electronic format for use on social media. Priority focus on severe weather, tornadoes and flooding • Severe Summer Storms <ul style="list-style-type: none"> ○ Ensure public safety and reliable utility service during severe storms 1. Tree Maintenance – Continue to coordinate tree maintenance services with utility companies 2. Back-up Generators – Seek funding for back-up generators for all critical facilities within the county 3. Enhance Public Awareness and Preparation for Severe Weather – Update written information into social media platforms, including

Hazard Mitigation Talking Points

	<p>straight-line winds and lightning information</p> <p>4. Significant Buildings and Critical Infrastructure – Identify historic /architecturally significant buildings and critical infrastructure that may need structural upgrades to withstand severe weather events</p> <ul style="list-style-type: none"> • Floods <ul style="list-style-type: none"> ○ Minimize losses caused by river and flash flooding to both public and private property <ol style="list-style-type: none"> 1. Flood Mapping - Complete FEMA Rate Map update 2. Identify and Map/Inventory Flood-prone Structures – Identify and map/inventory structures subject to flood damage, including critical facilities and repetitive loss properties 3. Relocation of Repetitive Loss Structures – Develop countywide plan to relocate repetitive loss susceptible structures to safer locations 4. Develop a Public Education Program for Residents and Businesses – Develop a public education program for residents and business owners located in flood prone areas regarding river setbacks, erosion, safe egress and other soil/flood related issues 5. Develop NFIP Education Program for Insurance Providers – Inform insurance providers about National Flood Insurance Programs (NFIP) and Flood Insurance Rate Maps (FIRMs) 6. Real-time Flood Mapping Capabilities – Link flood/hydraulic modeling and monitoring to real-time maps and promote their availability 7. Continue Full Participation in NFIP – Monitor and maintain list of Butler County communities to assure full participation in NFIP programs • Dams <ul style="list-style-type: none"> ○ Minimize the danger to life and property associated with potential Class I Dam Failure in the County <ol style="list-style-type: none"> 1. Map Class I and II dams and their potential inundation zones 2. Develop Emergency Action Plans (EAP), including evacuation plans, in the event of a dam/levee failure 3. Develop public education program for property owners in inundation areas • Winter Storms <ul style="list-style-type: none"> ○ Reduce Vulnerability of county infrastructure during future winter storm events <ol style="list-style-type: none"> 1. Encourage local entities to include emergency snow removal vehicles and equipment, salt storage facilities, etc. in local Capital Improvement Plans and to consider shared use facilities where appropriate ○ Reduce public vulnerability during future winter storms
--	---

Hazard Mitigation Talking Points

	<ol style="list-style-type: none">1. Ensure ongoing briefings for public officials regarding winter storm preparedness2. Expand public awareness regarding "snow emergency levels"3. Work with local jurisdictions to assure all identified warming centers can be operational during winter storm events4.<ul style="list-style-type: none">• Tornadoes<ul style="list-style-type: none">○ To be developed at March 18th meeting• Droughts<ul style="list-style-type: none">○ To be developed at March 18th meeting• Earthquakes<ul style="list-style-type: none">○ To be developed at March 18th meeting• Heat Emergencies<ul style="list-style-type: none">○ To be developed at March 18th meeting
Mitigation Ideas	FEMA has provided a document which outlines ideas for potential mitigation actions. These additional mitigation actions can be found at https://www.fema.gov/media-library-data/20130726-1904-25045-2423/fema_mitigation_ideas_final_01252013.pdf .
Contact Information	For more information regarding the Butler County Hazard Mitigation Plan Update, please contact Butler County EMA Planning & Operations Manager Jim Bolen. <ul style="list-style-type: none">• Jim Bolen<ul style="list-style-type: none">○ Email – BolenJA@ButlerCountyOhio.org○ Phone – (513) 795-2999

Name	Agency	Phone	Email
Bob Brubaker	Monaca Township	513-617-5966	monaca@monaca-twp.org
John Downs	Burke SWCD	513-887-3720	downs@butlercountymh.org
Alan Fuskas	Miami Conservancy District	937-223-1276 x3243	fuskas@wcdwater.org
Dan Pratt	APD	888-5811 1914	dan.pratt@hamilton-dhsa
Steve Hecus	Burke Tech	513-266-5166	hehusd@butlertech.org
Jeff Maddon	Fairfield City Schools	513-320-6894	Maddon-jeff@fairfieldcityschools.org
David Purvis	Burke Tech	(513) 645-8243	dpurvis@butlertech.org
Kary Krug	Hamilton City Schools	513 887-5813	krug@hesden.org
Jeff Galloway	Morgan Twp	513-738-4813	
Andy Wachtler for Mark Hecquet	Burke County Visions Bureau	513-860-4184	swachtler@acttothelc.com mhecquet@acttothelc.com

Name	Agency	Phone	Email
Scot Gardner	HANOVER Twp	513 7065251	Scotgardner@fuse.net
Ben Soilman	Miami Univ.	513-529-2222	bsoilman@miamioh.edu
John Thomas	Kedge wood	513-623-1829	john.thomas@edgewood.k12oh.us
John Dethlefsen	OHIO New Miami	513-523-6324	jdethlefsen@newmiamioh.gov
Shonda Parker	Local Schools	513-863-0833	shondaparker@newmiamioh.gov
Mark Thomsberry	Butler County Public Schools	513-887-3990	thomsberry@butler.k12oh.us
Craig Kogas	City of Hamilton	785-7584	Craig.kogas@hamiltonohio.gov
Rich Engle	City of Hamilton	513-785-7273	rich.Engle@hamiltonohio.gov
ANDY DETHLEFSEN	BUTLER Co. Gov't	513 887-3251	ADETHLEFSEN@BUTLERCO.OH.GOV
MICHAEL THOMAS	Hamilton PS	(513) 863-5011 ext 1523	mic.thomas@hamiltonohio.gov

name	Agency	Phone	Email
the Evers	Butler Co Auditor	513-785-6589	everskm@butlercountysky.com
Michael A. Wright	Butler Co Auditor	513-785-6131	wrightma@butlercountysky.com
Jeff Bressler	Butler Co. Engineers	513-785-4128	Bresslers@Beco.org
Lick Pritz	West Chester FD	513-277-1133	PRITZ@westchester-oh.org
Tom Thompson	Fairfield Twp FD	513 785 2240	Thomson@FairfieldTwp.org
John Vonderharn	Fairfield Twp	513 785-2299	Vonderharn@FairfieldTwp.org
Paul Steungs	Libertyville	513-755-7532	steungs@Libertyville.com
Ken Runtan	Harrison FD	513-785-7504	Ken.Runtan@Harrison-oh.org
Marvin Snyder	BC Solid Waste Dist	513-887-3653	Snyder@butlercountysky.com
Ann F. Flay	BC " "	513-887-3963	Flay@butlercountysky.com



BUTLER COUNTY EMERGENCY MANAGEMENT AGENCY

315 HIGH STREET, SUITE 670 HAMILTON, OHIO 45011
PHONE: (513) 785-5810 □ FAX: (513) 785-5811
Email: HaverkosMR@butlercountyohio.org

MATTHEW HAVERKOS
DIRECTOR

EXECUTIVE BOARD
MEMBERS

GARY SALMON
CHAIRMAN
TRUSTEE
OXFORD TOWNSHIP

BRETT UPDIKE
VICE CHAIRMAN
TRUSTEE
MORGAN TOWNSHIP

DONALD DIXON
BUTLER COUNTY
COMMISSIONER

STEVE MILLER
FIRE CHIEF
BUTLER COUNTY FIRE CHIEFS
ASSOC.

TONY DWYER
CHIEF DEPUTY
BUTLER COUNTY POLICE CHIEFS
ASSOC.

MIKE FAWNS
CITIZEN
MEMBER AT LARGE

PAUL GILLESPIE
TRUSTEE
MILFORD TOWNSHIP

TIM MILLER
TRUSTEE
REILY TOWNSHIP

GEORGE LANG
TRUSTEE
WEST CHESTER TOWNSHIP

RAY WURZELBACHER
TRUSTEE
ROSS TOWNSHIP

ALAN DANIEL
TRUSTEE
MADISON TOWNSHIP

JOHN DETHERAGE
FIRE CHIEF
CITY OF OXFORD

SCOTT SCRIMIZZI
CITY OF HAMILTON

Butler County
Hazard Mitigation Plan
5 Year Plan Update Meeting #2
Wednesday February 8, 2017
1pm-3pm
1802 Princeton Road
Hamilton, Ohio 45011

AGENDA

- I. Introductions
- II. Overview of the Hazard Mitigation Plan update process
- III. Progress Accomplished since last 5 year Plan
- IV. Priority of Hazards
- V. General Discussion
- VI. Next Meeting
- VII. Adjournment

"Coordinating people and resources to protect the lives and property within Butler County by working together to achieve one goal for Mitigation, Preparedness, Response, and Recovery for Disasters and Emergencies"



Butler County Hazard Mitigation Plan 5 Year Update

Meeting 2 2/8/17

RFG Associates Inc.

Overview of Butler County Hazard Mitigation Plan Update

- ▶ Required update every 5 years
- ▶ Build upon prior 5 year plan
- ▶ Follow FEMA 10 Step Community Hazard Mitigation Plan process
- ▶ Develop an Actionable Plan
- ▶ Qualify for Grant Funding

FEMA 10 Step Community Planning Process

- ▶ 1. Identify Hazards **DONE**
- ▶ 2. Determine Potential Damage **HIRA**
- ▶ 3. Determine what has already been done.
Update Status, Today (handout)
- ▶ 4. Determine what is not been done. **Today**
- ▶ 5. Brainstorm alternative actions
Today and meeting 3

FEMA 10 Step Community Planning Process

- ▶ 6. Evaluate Alternatives **Meeting 3**
- ▶ 7. Coordinate with Others **Embedded in process**
- ▶ 8. Select Activities **Meeting 4**
- ▶ 9. Develop Strategies
Meeting 4 (building on current plan)
- ▶ 10. Adapt and Monitor
Meeting 5, County and OEMA

Planning Time Line

- ▶ Meeting 2 Today (2/7/17)
- ▶ Meeting 3 March 23, 2017
- ▶ Meeting 4 May 25, 2017
- ▶ Meeting 5 June 22, 2017

Priority of Hazards

Based on 2016 Hazard Identification and Risk Assessment (HIRA)

- ▶ 1. Tornadoes 3.44
- ▶ 2. Severe Summer Storms 3.25
- ▶ 3. Flooding 3.0
- ▶ 4. Heat Emergencies 2.91
- ▶ 5. Severe Winter Storms 2.87
- ▶ 6. Earthquakes 2.68
- ▶ 7. Drought 2.65
- ▶ 8. Land Subsidence 2.05
- ▶ 9. Wildfires 2.01

- ▶ Dam Failures 2.11

Natural Hazards

Technological Hazard

Planning Consultant

RFG Associates Inc.

Rob Guentter Jr. AICP

PO Box 2112

Zanesville OH 43702-2112

(740) 683-9019

rfgassoc@gmail.com

Name	Agency	Phone	Email
John Dethlefsen	City of	on record	→
Rob Green-Hill	RFG Associates Inc	740 683-9019	rgreen@gmail.com
Jim Bolen	BEEMA	513 795 2999	BolenJA@ButlerCountyOhio.org
Matt Haverkos	BEEMA	513-785-5810	HaverkosMK@butlercountyohio.org
Isaac Fushus	MCD	937-223-1271	bfushus@wedwater.org
Katharine Piskunov	BEESC		
Phillip Chayko	Ohio EMA	614-296-1839	pchayko@psdps.org
CAROL Brooks	BEEMA	513-785-5813	BrooksCA@ButlerCountyOhio.org
Utah Bailey	BEC	513-383-5313	BaileyU@butlercountyohio.org
harry heslop	HESD	513-887-5013	khapp@hesdoh.org

Name	Agency	Phone	Email
Scot GARDNER	HANOVER TOWNSHIP	8967800	Scotgardner@tose.net
Kelly Groat	Butler SWCD	887-3720	cgroat@butlercountyswcd.org
Michael A. Wright	Butler County Auditors	785-6731	wrightma@butlercountyohio.org
Katie Evers	Auditor GIS	785-6589	everskm@butlercountyohio.org
Beth Downs	Butler SWCD	887-3720	downsca@butlercountyohio.org
John R. Celis	Meridian Link	623-2005	Celis75855@meridianlink.com
Bill HUBBARD	TALAWANDA SCHOOL	233-5370	hubbardb@talawanda.org
David Potts	Bruce Teell	615-8243	plotsd@battutech.org
Rich Fritz	USFD	777-1133	Fritz@us7clearing.org
Holly Morrish	Talawanda	513-839-1343	morrishh@talawanda.org



BUTLER COUNTY EMERGENCY MANAGEMENT AGENCY

315 HIGH STREET, SUITE 670 HAMILTON, OHIO 45011
PHONE: (513) 785-5810 □ FAX: (513) 785-5811
Email: HaverkosMR@butlercountyohio.org

EXECUTIVE BOARD MEMBERS

GARY SALMON
CHAIRMAN
TRUSTEE
OXFORD TOWNSHIP

JOHN DETHERAGE
VICE CHAIRMAN
FIRE CHIEF
CITY OF OXFORD

DONALD DIXON
BUTLER COUNTY
COMMISSIONER

STEVE MILLER
FIRE CHIEF
BUTLER COUNTY FIRE CHIEFS

RODNEY MUTERSPAW
POLICE CHIEF
BUTLER COUNTY POLICE CHIEFS

MIKE FAWNS
CITIZEN
MEMBER AT LARGE

TONY DWYER
CHIEF DEPUTY
BUTLER COUNTY SHERIFF'S
OFFICE

SCOTT SCRIMIZZI
PUBLIC SAFETY DIRECTOR
CITY OF HAMILTON

STEVE MILLER
MAYOR
CITY OF FAIRFIELD

SUSAN BERDING
TRUSTEE
FAIRFIELD TOWNSHIP

LARRY MILLER
TRUSTEE
HANOVER TOWNSHIP

ALAN DANIEL
TRUSTEE
MADISON TOWNSHIP

PAUL GILLESPIE
TRUSTEE
MILFORD TOWNSHIP

BRETT UPDIKE
TRUSTEE
MORGAN TOWNSHIP

TIM MILLER
TRUSTEE
REILY TOWNSHIP

RAY WURZELBACHER
TRUSTEE
ROSS TOWNSHIP

LARRY SETSER
TRUSTEE
WAYNE TOWNSHIP

GEORGE LANG
TRUSTEE
WEST CHESTER TOWNSHIP

Butler County, OH Hazard Mitigation Plan 5 Year Plan Update Meeting #3 Thursday March 23, 2017 1pm-3pm

AGENDA

- I. Introductions
- II. Review of February 8, 2017 meeting
- III. Progress Accomplished since last 5 year Plan (Complete this task beginning at 6.5 Tornadoes)
- IV. Brainstorm and review Draft Action Plan from 6.1 All-Hazards to 6.4 Winter Storms
- V. Objectives for each Jurisdiction
- VI. General Discussion
- VII. Next Meeting #4 (May 25, 2017)
- VIII. Adjournment

"Coordinating people and resources to protect the lives and property within Butler County by working together to achieve one goal for Mitigation, Preparedness, Response, and Recovery for Disasters and Emergencies"

The background features abstract, overlapping green geometric shapes in various shades of green, creating a modern and dynamic look. The shapes are primarily located on the left and right sides of the slide, framing the central text.

Butler County Hazard Mitigation Plan 5 Year Update

Meeting 3 3/23/17

RFG Associates Inc.

Overview of Butler County Accomplishments To-Date

- ▶ Hazard Identification and Risk Assessment (HIRA) Completed
- ▶ Review Status of Prior 5 Year Pan (All-Hazards to Winter Storms) Completed
- ▶ Today: Complete review of Tornadoes, Drought, Earthquakes and Heat Emergencies (new)
- ▶ Today: Review First Draft of Action Plan

Planning Time Line

- ▶ Meeting 2 February 17, 2017
- ▶ Meeting 3 March 23, 2017 (Today)
- ▶ Meeting 4 May 25, 2017
- ▶ Meeting 5 June 22, 2017

Prior 5 Year Plan Review

- ▶ 6.5 Tornadoes
- ▶ 6.6 Droughts
- ▶ 6.7 Earthquakes
- ▶ 6.8 Heat Emergencies (New)

Review of 2017-2022 Draft Butler Co Mitigation Plan

- ▶ Action Items
- ▶ Start/End Dates
- ▶ Key Responsible Party(s)
- ▶ Resources
- ▶ Target Jurisdiction
- ▶ Status

Planning Consultant

RFG Associates Inc.

Rob Guentter Jr. AICP

PO Box 2112

Zanesville OH 43702-2112

(740) 683-9019

rfgassoc@gmail.com

Name	Agency	Phone	Email
Tim Thompson	Franklin Twp Fire	461-3777	thompson@franklin.twp.pa.us
Rob Gventter	RGC Associates Inc	740 683-2019	rgas10ce@gmail.com
Kelly Croot	Butler Soil + Water	887-3720	crootka@butlercountyohio.org
Beth Downs	Butler SWCD	887-3720	downsca@butlercountyohio.org
Paul Stewart	Liberty Twp FD	513 759-7532	dstewart@liberty-twp.pa.us
Dana Petts	Butler Twp	513 645-8243	plotted@butteroh.org
Phillip Clayton	Ohio EMA	614-296-1859	pclayton@ps.ohio.gov
CARA Brooks	BC EMA	513-785-5810	carabrooks@butlercountyohio.org
Jim Bolen	BC EMA	513 795-2999	BolenJA@ButlerCountyOhio.org
Jeff Gallaway	Morgan Twp	513-717-0400	sgallaway@morgantwp.pa.us

Org

Name	Agency	Phone	Email
BARRY Tuskas	MILWAUKEE COUNTY DIST.	937-223-1279	btuskas@wdwater.org
harry drago	Hamlin City School	513.887.5013	hdrag@hcsdoh.org
Holli Morrish	Glennville School	513 839-1343	morrishh@glennville.org
Matt Haverkey	Butler Co. EMA	513 785-5810	Haverkey@butlercountyofo.org
Ryan Burke	UC HEALTH	513-869-0038	Ryan.Burke@uchealth.com



P.O. Box 2112, Zanesville, OH 43702-2112
Phone: (740) 454-3724

Butler County, OH
Hazard Mitigation Plan
5 Year Plan Update Meeting #4
Thursday May 18, 2017
1pm-3pm

AGENDA

- I. Introductions
- II. Review of Draft Mitigation Goals and Actions
- III. State Mitigation Plan Review Tool
 - Element A. Planning Process**
 - 1. Document Plan Process *YES*
 - 2. Involve all communities *YES*
 - 3. Public Involvement
 - 4. Incorporate Existing Plans, Studies, Reports
 - 5. How continued public participation in plan will be maintained *YES*
 - 6. Method and Schedule for keeping plan current *YES*
 - Element B. Hazard Identification and Risk Assessment**
 - 1. Describe type, location and extent of natural hazards *YES*
 - 2. Document previous occurrences *YES*
 - 3. Description of each hazards impact, vulnerability
 - 4. Repetitive Loss data from NFIP

Element C. Mitigation Strategy

1. Documentation of each jurisdictions existing authorities, policies and programs
2. NFIP participation by jurisdiction
3. Plan includes Goals to reduce/avoid long-term vulnerabilities **YES**
4. Comprehensive range of specific mitigation actions **YES**
5. Action Plan with prioritized actions **YES**
6. Process by which local governments integrate the required mitigation plan into other planning mechanisms (Comp Plans, CIPs etc.) **YES**

Element D. Plan Review, Evaluation, and Implementation

1. Plan was revised to reflect changes in development
2. Plan was revised reflecting progress in local mitigation efforts **YES**
3. Plan was revised to reflect changes in priorities **YES**

Element E. Plan Adaption

1. Formally adapted by governing body
2. For multiple jurisdictions, each jurisdiction has approved the plan

IV. General Discussion

V. Final Meeting #5 (June 22, 2017)

VI. Adjournment

Rob Guentter AICP
President
RFG Associates Inc.
rfgassoc@gmail.com
Cell (740) 683-9019

Name	Agency	Phone	Email
Beth Downs	Butler SUCSD SOLAR WATER	8873720	downsb@butlercountymn.org
Kelly Giot	" "	" "	Croftka@butlercountymn.org
Ryan Buss	UC HEALTH	513-865-0038	Ryan.Buss@ucanadmission
Sarah Van Frank	Butler Co. Water & Sewer	785-5415	vanfranksc@butlercountymn.org
Kenny R. Setzer	Wayne Twp.	513-461-9699	stonecreek429@fuse.net
Stephen Luper	MIDDLETOWN FIRE	513-468-7996	steveluper@middletown.org
Daniel Holt	Wayne Twp	513-424-9661	eholt@wvpartnership.net
Julie Collins	BCHD	513-887-5238	collinsj@butlercountymn.org
Rob Gauthier	DFG Associates L	710 683-9019	rgauthier@gmail.com
Jim Belev	BCEMA	(513) 795-2999	BelevJA@Butler County Ohio.org

(10)

Name	Agency	Phone	Email
John Detlevage	Oxford		
Cara Franks	BC EMA		
John P. Oshroff	MAROS		
Melvin Dejean	Solid Waste Dist	887-3653	lyndm@butlercountyohio.org
Lt. H. Bailey	BCC	887-5638	bailey@butlercountyohio.org
Tim Thompson	Franklin Twp FD	461-3777	thompson@franklintwp.org
Paul Strum	Liberty Twp	573-6780	ps@libertytwp.org
Sam Folsom	MCD	937-223-1274 x 5243	sfolsom@medwater.com
Matt Haverkos	BC EMA	513-785-5810	Haverkos@butlercountychicago.org



P.O. Box 2112, Zanesville, OH 43702-2112
Phone: (740) 454-3724
rfgassoc@gmail.com

**Butler County Hazard Mitigation Plan
5 Year Up-date 2017-2022
Public Comment Meeting
June 22, 2017**

Agenda

- I. Introductions
- II. Hazard Mitigation Plan Review
 - A. Goals
 - B. Accomplishment to-date
 - C. Participants
 - D. Next 5 Years, Priority Hazards
- III. Review of Plan Goals and Actions
 - 1. All Hazards
 - 2. Tornados
 - 3. Severe Summer Storms
 - 4. Floods
 - 5. Heat Emergencies
 - 6. Severe Winter Storms
 - 7. Earthquakes
 - 8. Drought
 - 9. Dam Failure
- IV. Comments/Discussion
- V. Next Steps
- VI. Adjournment

The background features abstract, overlapping green geometric shapes in various shades of green, creating a modern and dynamic look. The shapes are primarily located on the left and right sides of the slide, framing the central text.

Butler County Hazard Mitigation Plan 5 Year Update 2017-2022

Public Comment Meeting 5 6/22/17

RFG Associates Inc.

Hazard Mitigation Plan Goals

- ▶ 1. FEMA and OEMA Required update every 5 years
- ▶ 2. Review progress of current 5 year plan
- ▶ 3. Develop a data driven update to current plan
(Delete, renew, modify or add elements)
- ▶ 4. Reduce the loss of life and property damage resulting from Natural Hazards
- ▶ 5. Qualify for federal and state mitigation funding

Overview of Butler County Accomplishments To-Date

- ▶ Hazard Identification and Risk Assessment (HIRA) Meeting 1
- ▶ Review Status of Prior 5 Year Plan and Revise Actions
Meetings 2 and 3
- ▶ Review Action Plan Meeting 4
- ▶ Public Review and Comment on the Plan
Today, Meeting 5

Planning Participants

- ▶ EMA
- ▶ Fire and EMS
- ▶ Local Elected Officials
- ▶ Area agencies
- ▶ State agencies
- ▶ Facilitated by RFG Associates Inc.

Rob Guentter AICP

Today's Public Hearing

- ▶ Opportunity to broaden public review and input
- ▶ Learn more about the priority Hazard Mitigation actions in Butler County
- ▶ Focus on Goals/Strategies and Actions to improve community safety

Prior 5 Year Plan Review

2012 Plan

1. Summer Storms
2. Floods
3. Winter Storms
4. Tornadoes
5. Drought/Excessive Heat
6. Earthquakes
7. -----
8. -----

2017 Plan

- Tornadoes
- Severe Summer Storms (new)
- Floods
- Heat Emergencies (new)
- Severe Winter Storms
- Earthquakes
- Drought
- Dam Failure (new)

Review of 2017-2022 Draft Butler Co Mitigation Plan

- ▶ Action Items
- ▶ Start/End Dates
- ▶ Key Responsible Party(s)
- ▶ Resources
- ▶ Target Jurisdiction
- ▶ Status

All Hazards: Reduce Health and Safety Risks

- ▶ 1.1.1 Emergency Notification, via social media, re emergency shut offs
- ▶ 1.1.2 IPAWS Web application
- ▶ 1.1.3 Update Emergency Shelter listing
- ▶ 1.1.4 Seek Mitigation grant funding for top priority projects
- ▶ 1.1.5 Investigate building code for sustainability in disasters
- ▶ 1.1.6 Manufactured Home Standards for sustainability
- ▶ 1.1.7 Build disaster recovery network
- ▶ 1.1.8 Coordinate fuel for hazard mobilization efforts
- ▶ 1.1.9 Public Awareness, social media: Focus Severe weather, tornadoes, flooding
- ▶ 1.1.10 Maintain NWS “Severe Weather Ready “ County status

Tornadoes

- ▶ 6.1.1 Review and update existing warning sirens
- ▶ 6.1.2 Enhance warning siren public education program
- ▶ 6.1.3 Increase availability of Weather Radios, targeting the elderly and other vulnerable populations
- ▶ 6.1.4 Elderly training re tornado safety
- ▶ 6.1.5 Evaluate need for tornado safe rooms/shelters at schools and critical facilities
- ▶ 6.1.6 Deliver NWS weather spotter course
- ▶ 6.1.7 Evaluate need for tornado safe rooms/shelters at Mobile home communities
- ▶ 6.1.8 Investigate safe shelters at parks, ball fields and other open spaces

Severe Summer Storms

- ▶ 2.1.1 Tree maintenance coordinated with utility companies
- ▶ 2.1.2 Back up generators at critical facilities
- ▶ 2.1.3 Secure backup generator funding
- ▶ 2.1.4 Enhance public awareness and preparation for severe weather using media and social media, focus on straight line winds and lightning
- ▶ 2.1.5 Historical and significant building /critical infrastructure sustainability

Floods

- ▶ 3.1.1 Complete FEMA Rate Map update
- ▶ 3.1.2 Identify and GIS inventory structures subject to flood damage (repetitive loss and critical facilities)
- ▶ 3.1.3 Develop Repetitive Loss Mitigation Projects for FEMA funding
- ▶ 3.1.4 Critical Facilities FEMA Mitigation Funding
- ▶ 3.1.5 Public/business education re river setbacks, erosion, safe egress, etc
- ▶ 3.1.6 Link flood/hydraulic modeling to real-time maps and promote
- ▶ 3.1.7 Monitor and maintain list of BC communities to assure full NFIP coverage
- ▶ 3.1.8 Investigate new technologies for flood prevention and diversion
- ▶ 3.1.9 Public awareness signage at repetitive loss locations
- ▶ 3.1.10 Use alternative storm water retention strategies (rain gardens etc.)
- ▶ 3.1.11 Encourage residents to secure FEMA Flood Insurance

Heat Emergencies (new -separated from Drought)

- ▶ 9.1.1 Public education program for residents and business owners
- ▶ 9.1.2 Plan for and support cooling stations to serve high risk populations
- ▶ 9.1.3 Link Heat Emergencies with County Emergency Operations Plan (EOP)

Severe Winter Storms

- ▶ **5.1.1 Reduce Vulnerability:** Encourage local entities to include snow removal vehicles, equip, salt storage etc in their CIP planning and consider shared facilities and consumables where appropriate
- ▶ **5.2.1 Reduced Public Vulnerability:** On going briefing with public officials
- ▶ **5.2.2** Work with local jurisdiction warming centers

Earthquakes

- ▶ **8.1.1 Public Awareness:** Update potential earth quake impact info (HAZSUS) and share with the public
- ▶ **8.2.1 First Responder Capacities:** Sustain capacities of Butler Co Tech Rescue Team (BCTRT) re build collapse
- ▶ **8.2.2 BCTRT equipment up-to-date and invest in new technologies**
- ▶ **8.3.1 Reduce Damage to existing and future county critical infrastructure**
- ▶ **8.3.2 First responder training for HazMat, rail, storage area and pipeline events**

Drought

- ▶ 7.1.1 MOU with private contracts for water and ice during prolonged droughts
- ▶ 7.1.2 Develop a template for use by local fire and public service officials to help identify alternative water sources
- ▶ 7.1.3 Public education effort for public and business awareness, including increased risk of wildfires
- ▶ 7.1.4 Look into dry force fire hydrants in high risk areas
- ▶ 7.1.5 Coordination of tanker transport of public potable water during droughts

Dam Failure (new, separated from Floods)

- ▶ 4.1.1 GIS Class I and ii dams and their potential inundation zones
- ▶ 4.1.2 Develop and exercise action plans, including evacuations
- ▶ 4.1.3 Develop a public education program for property owners in inundation areas

Public Comments to Butler Co EMA or to
RFG Associates Inc. Thank You!

RFG Associates Inc.

Rob Guentter Jr. AICP

PO Box 2112

Zanesville OH 43702-2112

(740) 683-9019

rfgassoc@gmail.com

5 Year Update (2017-2022)

Public Comment Meeting

June 22, 2017

1 of 3

Name	Agency	Phone	Email
Jim Smith	Cinci Financial Insurance	607 5941	Smith James_Smith@cincinnati.com
Paul Stumpf	Liberty S FA	678-8346	
Jeff Galloway	Morgan Twp	717-040	
Shannon Hartkemeier	Fairfield Twp	236-2580	hartkemeier@fctwp.org
Jake Collins	BEHD	887-5238	collinsj@butlercountyohio.org
John Dethlefsen	Chardon	523-6324	
Matt Haverkas	Butler Co EMA	785-5810	HaverkasM@butlercountyohio.org
Carey Brooks	BCEMA	795-5810	BrooksC@butlercountyohio.org

Butler County Hazard Mitigation Plan

5 Year Update (2017-2022)

Public Comment Meeting

June 22, 2017

2 of 3

Name	Agency	Phone	Email
Vivian Gorsuch	Seven Mile	513-939-6844	VivianGorsuch@fuse.net
John Jones	Oxford Police	524-5247	jones@cityofoxford.org
Aime Fazio	BC Solid Waste	887-3963	
Kerry Krupp	HESD	887-5013	krupp@hesdoh.org

Butler County Hazard Mitigation Plan

5 Year Update (2017-2022)

Public Comment Meeting

June 22, 2017

343

[illegible]