APPENDIX C: MEETING AND OTHER PARTICIPATION DOCUMENTATION

This appendix contains evidence of committee, municipal, stakeholder, and public participation in the planning process.

ADAMS COUNTY HAZARD MITIGATION PLAN

PLANNING COMMITTEE MEETING #1

AGENDA

Date:	Monday, June 24, 2019
Time:	2:00 p.m.
Estimated Duration:	90 minutes
Location:	Adams County Emergency Services 230 Greenamyer Lane Gettysburg, PA 17325

1. Welcome and Introductions
2. Hazard Mitigation 101
   - **Background:** FEMA and PEMA Requirements, Applicable Funding Source Eligibility
   - **Overview:** Planning Process
   - **Discussion:** Public Involvement Opportunities
   - **Overview:** Planning Committee Responsibilities
   - **Discussion:** Historic and Cultural Resources Subcommittee

3. Mitigation Goals
   - **Discussion:** What are mitigation goals?
   - **Review:** Mitigation Goals from Previous (2015) Version
   - **Activity:** Setting Goals for the Next Mitigation Planning Cycle

4. Schedule for Next Meetings
5. Adjournment

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #1

MINUTES

Date:	Monday, June 24, 2019
Time:	2:00 p.m.
Duration:	75 minutes
Location:	Adams County Emergency Services 200 Greenamyer Lane Gettysburg, PA 17325

The Adams County Planning Committee met for the first time on Monday, June 24, 2019, at the Adams County Emergency Services to initiate the 2019 update for the hazard mitigation plan. Following an introduction from the Adams County Department of Emergency Services Director, JH Consulting, LLC, the consultant hired to assist with the update, led the meeting.

The consultant and committee members introduced themselves by stating their name, agency, or jurisdiction they represent, and if they were on the planning committee previously. From all attendees, less than half were on the committee during the last update. The consultant and planning committee also designated a subcommittee dedicated to historic and cultural resources due to their significant presence in Adams County. Members of the subcommittee include Charles Gable, Gettysburg Borough Manager, and a representative of the Adams County Office of Planning and Development (per Sherri Clayton-Williams).

The consultant gave a brief overview of mitigation, the mitigation plan, the plan update process, and a general timeframe for the update. The mitigation plan will include the description of the planning area and planning process, a hazard risk assessment, an action plan, and an outline for plan maintenance.

The main task of this meeting was to review and update the goals from the previous plan. The consultant then gave committee members a copy of the previous plan's mitigation goals, which focused on each hazard identified in the plan. The committee reviewed each goal and recognized that some mitigation actions could address multiple hazards. Therefore, they

decided to revise the existing goals to address a variety of hazards. The revised goals suggested by the committee include:

1. Reduce potential injury/death and damage to existing community assets and critical infrastructure (i.e., water, sewer, natural gas, electricity, etc.) from all hazards that could impact the county.
2. Realize hazard mitigation opportunities through stormwater management and source water protection initiatives.
3. Promote disaster resilience in future development through code enforcement.
4. Reduce losses by facilitating a more efficient response through mutual aid, memoranda of understanding, etc.

Public involvement is an integral component of the hazard mitigation planning process. Traditionally, public meetings were the most used method to gather input from the public. The committee recognizes several additional strategies to reach the public, including an online survey and utilizing focus groups that consist of existing community committees and groups. The online public survey will provide information as to which hazards community members are concerned about and their geographic areas of concern. The consultant and the Office of Planning and Development agreed to coordinate on plotting survey responses in a GIS-based map.

The next planning committee will take place in July via web conference.

<u>Attachments:</u>

- First Meeting Presentation
- Draft of the Public Survey
- Previous Plan's Project List
- Sign-In Sheet from Meeting 1

ADAMS COUNTY
HAZARD MITIGATION PLAN
2019 UPDATE

Adams County
Emergency Services

June 24, 2019 ~ 2:00 PM

230 Greenamyer Lane
Gettysburg, PA 17325

WELCOME AND INTRODUCTIONS

HAZARD MITIGATION 101

Federal Emergency Management Agency (FEMA):

- oversees the hazard mitigation process at the local, regional, state, and national levels, and
- defines mitigation as, "the effort to reduce loss of life and property by lessening the impact of disasters" (FEMA.gov, 2016).

PLANNING PROCESS

DMA2K ~ Stafford Act, Section 322 ~ 44 CFR 201.6

The Hazard Mitigation Plan

- Planning Process
- Description of the planning area
- Risk Assessment
- Action plan
  - Goals
  - Strategies (projects/actions)
- Plan maintenance
- Appendices

PLANNING PROCESS

- Tasks and activities
- Contact with jurisdictions and consultant
- Review and approval of drafts

Project start — FEMA approval

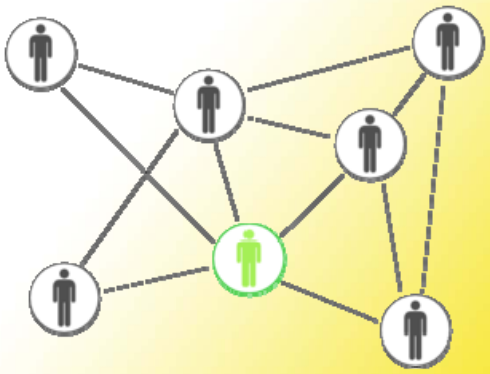
April 2019 — December 2019

In-person meetings ~ Phone calls ~ Workshops
Activities ~ Surveys ~ Conference calls ~ Research
Mapping ~ Analysis ~ Historical data ~ Reviews
Partnerships ~ Plan integration ~ Development

PUBLIC INVOLVEMENT OPPORTUNITIES

- Surveys
  - Social media
  - Jurisdictional/agency websites
  - Press releases
- Meetings
  - Plan review (mid-point)
  - Plan review (final)
- Other Opportunities (?)
  - Other planning initiatives (CDBG, economic development, etc.)
  - LEPC or other regular EMC meetings

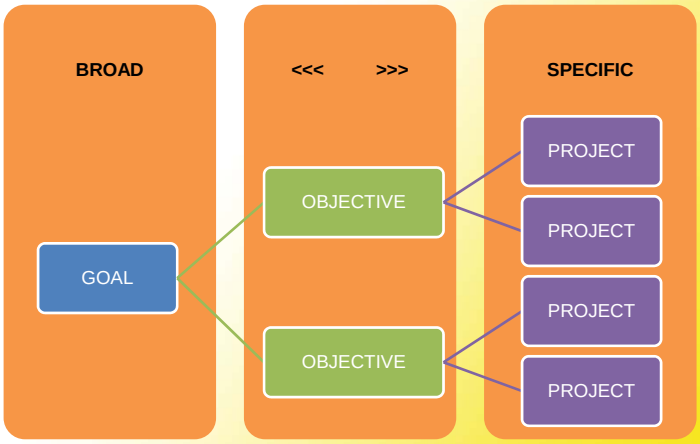
PLANNING COMMITTEE RESPONSIBILITIES



HISTORICAL & CULTURAL RESOURCES SUB-COMMITTEE

- Interaction
  - Emails and other virtual means
  - Sub-committee meetings immediately preceding or following full committee meetings
- Responsibilities
  - Consider the impact of risks <u>and</u> mitigation projects on historical and cultural resources
  - Create graphic highlights showing the location of clusters of these resources
  - Determine how to integrate historical/cultural considerations into the project prioritization process

GOALS AND OBJECTIVES



THANK YOU!

EXERCISE SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Kick Off Meeting	**Meeting Date:** June 24, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Perry Wood	ACS	717-334-7588	pwood@ieee.org
George Sterlicott	WGH	717-339-2440	GSterlicott@wgh[illegible]
Sandi Vazquez	Biglerville Boro	717 677 9488	biglerville@comcast.net
Tom Danner	Berwick Twp	717 683 5634	
John Aldridge	Union Township	240-372-8192	jaldsr1@yahoo.com
Tom Leedy	ACDES	717-334-8603	Tleedy@adamscounty.u
JAMES GRAHAM	CODES & POLICE ABBOTTSTOWN	717 809-2207	Code4@paodcall.com
Bob Gordon	Hamilton Twp	717-642-8159	
Pete Durree	Fire Chief Littlestown F	443 398 5521	dcfd21@aol.com
Darrel Crum	Adams County Tax Services	717-870-4638	dcrum@adamscounty.us
Joe Lachowski	National Park Service	717.338.4490	Joe_Lachowski@nps.gov
Don Boehs	Cumberland	717-334-6485	dboehs@cumberlandtwppd.us
Susan Wagle	Sec / Treas Fairfield Boro	717-642-5640	
Allen White	Red Cross	717.606.2472	allen.white@redcross.org
R.W. Glenny	CHIEF/GPD	717-334-1160	RGlenny@gettysburgpa.gov
Charles Gable	Boro Mng. Gettysburg	717-334-1160	CGable@gettysburgPP.gov
Tammy Kunkel	ACDES	717-334-8603	tKunkel@adamscounty.u
Jeff Harvey	JHC	304-473-1009	jharvey@jhpreparedness.com
Olivia Simpson	JHC	931-510-4642	osimpson@jhpreparedness.com

EXERCISE SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Kick Off Meeting	**Meeting Date:** June 24, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
FERD FREHN	VP ARENDTSVILLE BYRO	717-757-8113	—
MIKE SHANEBROOK	BONNERVILLE COUNCIL PRES	717-334-2069	MIKE.SHANEBROOK@EMBARQUE.NET
Kenneth Wolf	Menallen Twp.	717-677-6635	MenallenTwp@comcast.net
Sheri Moyer	Mt. Joy Twp	717-359-4500	secretary@mtjoytwp.us
JAMES FLANAGAN	BSP GETTYSBURG	717-334-8117	MNICKEY@pa.gov (MATT NICKEY)
Sheri Clayton-Weller	ACOPD	717-337-9824	sclayton@adamscounty.us
John Lewis	GASD	717-334-6254	jlewis@gasd-pa.org

EXERCISE SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Kick Off Meeting	**Meeting Date:** June 24, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Barb Krebs	Manager Conewago twp	717-637-0411	bkrebs@conewagotwp.org
GARRY WILT	READING TWP. PC ASST	717-624-4222 X3	READINGTOWNSHIP @ COMCAST. NET
NATE BECKER	UASD	717 677 7191	n.becker@upperadams.org
GARY BULLOCK	EMC READING	717-870-3488	GBULLOCK03@GMAIL.C
VERNON Jean Foster	SHA Oxford Twp	717-624-4544	—
JACK KETTERMAN	GERMANY TWSP	717-359-4394	JKETTERMAN551@GMA
DON Schmitt	ACES ACS	717-880-2687	K3ACES@ARRL.N
BICKY REDMAN	Environmental Planner Adams County Office of Planning & Development	717-337-9827	bredman@adamscounty.u
Paula Neiman	Chief Clerk, Adams Co	717-337-9820	pneiman@adamscounty
Gayle Matthews	Asst Boro Mgr	717-752-0063	gayle@carrollvalley.org
Ken Shafer	Council member Arville	717-398-7782	Keshafer@embarqmail.com

ADAMS COUNTY HAZARD MITIGATION PLAN

PLANNING COMMITTEE MEETING #2

AGENDA

Date:	Friday, July 26, 2019
Time:	2:00 p.m.
Estimated Duration:	45 minutes
Location:	Teleconference

Please join my meeting from your computer, tablet or smartphone.
https://global.gotomeeting.com/join/389843205

You can also dial in using your phone.
United States: +1 (312) 757-3121

Access Code: 389-843-205

1. Welcome and Introductions
2. Review Goals List (see Meeting #1 minutes)
3. Hazard Inclusions
   - Hazards from 2015 Plan
     - Drought (Natural)
     - Earthquake (Natural)
     - Extreme Temperature (Natural)
     - Flood, Flash Flood, Ice Jam (Natural)
     - Hailstorm (Natural)
     - Hurricane, Tropical Storm, Nor'easter (Natural)
     - Invasive Species (Natural)
     - Pandemic and Infectious Disease (Natural)
     - Subsidence, Sinkhole (Natural)
     - Tornado, Wind Storm (Natural)
     - Wildfire (Natural)
     - Winter Storm (Natural)
     - Dam Failure (Technological)
     - Environmental Hazards: Hazmat Release (Technological)
     - Nuclear Incident (Technological)
     - Terrorism (Human-Caused)
     - Transportation Accident (Technological)
   - Open Discussion – Others?
4. Review Public Survey Draft
5. Schedule for Next Meeting
6. Adjournment

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #2
MINUTES

Date: Friday, July 26, 2019
Time: 2:00 p.m.
Duration: 45 minutes
Location: Teleconference

On Friday, July 26, 2019, the Adams County Hazard Mitigation Plan committee met to discuss goals, hazards, surveys, and the schedule for the next meeting. This was the second meeting in the 2019 update process and was held online via web conference. Unfortunately, the web conferencing service experienced technical difficulties. JH Consulting staff will troubleshoot the issue with the intent of finding a solution prior to the next web conference.

During the first meeting, the committee had discussed the problems that hazards cause to the county and the overall goals that could potentially reduce the negative effects or impacts from them. During that meeting, the committee revised the previous plan's goals. During this meeting, the committee reviewed the four goals from Meeting 1 and approved them as written below.

GOAL 1: Reduce potential injury/death and damage to existing community assets and critical infrastructure (i.e., bridges, water, sewer, natural gas, electricity, etc.) from all hazards that could impact the county.

Goal 2: Realize hazard mitigation opportunities through stormwater management and source water protection initiatives.

GOAL 3: Promote disaster resilience in future development through code enforcement.

GOAL 4: Reduce losses by facilitating a more efficient response through mutual aid, memoranda of understanding, etc.

The next agenda item was to review the list of hazards to include in this update of the plan. Currently, there are 18 hazards listed: drought, earthquake, extreme temperature, flood (includes flash flood and ice jam), hailstorm, hurricane (includes tropical storm and nor'easter), invasive species, landslide/erosion, pandemic and infectious disease,

subsidence and sinkhole, tornado and windstorm, dam failure, hazardous materials release, nuclear incident, terrorism, and transportation accident. The committee received a hazard worksheet via email. The worksheet will give committee members a chance to identify hazard trends and provide feedback on the list of hazards. Committee feedback will be used to generate the final list of hazards, which will be presented at the next meeting. Worksheets should be returned to Jeff Harvey (jharvey@jhcpreparedness.com) by Friday, August 9th.

To close the meeting, the consultant provided an overview of online surveys to support participation in the plan update. The committee suggested reconsidering some demographic questions (age, education, etc.). The consultant distributed the surveys to the committee for additional comments. Survey comments should be sent with the hazard worksheet by Friday, August 9th.

The next meeting will be in-person in late August. The date and time will be forthcoming.

Attachments

- Hazards Worksheet
- Public Survey Draft

ADAMS COUNTY HAZARD MITIGATION PLAN

PLANNING COMMITTEE MEETING #3

AGENDA

Date:	Monday, September 9, 2019
Time:	2:00 p.m.
Estimated Duration:	90 minutes
Location:	Adams County Emergency Services 230 Greenamyer Lane Gettysburg, PA 17325

1. Welcome and Introductions
2. Hazard Identification & Risk Assessment Review
    - Workshop time for those that need to complete a hazard worksheet
    - Group discussion on hazard results

3. Public Survey
    - Revised survey draft
    - Mapping/geographic tracking options

4. Goals, Homework for Meeting #4
    - Review goals
    - Introduce “objectives”

5. Web Conferences (debrief Meeting #2)
6. Schedule for Next Meetings
7. Adjournment

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #3
MINUTES

Date: Monday, September 9, 2019
Time: 2:00 p.m.
Duration: 90 minutes
Location: Adams County Emergency Services
200 Greenamyer Lane
Gettysburg, PA, 17325

The Adams County Planning Committee met for the third time in the process to update its hazard mitigation plan on Monday, September 9, 2019, at Adams County Emergency Services. JH Consulting, LLC (JHC), the consultant hired to assist with the update, led the meeting.

The first item on the agenda was discussion about finalizing which hazards to include in the plan. To begin the meeting, committee members were given and encouraged to complete a hazard worksheet if they had not already done so. To complete the hazard discussion, the consultant asked the committee to recall their past experiences with each of the profiled hazards.

- **Dam Failure-** The committee did not recall any past dam failures, but did recall a potentially critical issue in a New Oxford dam. A representative from Waynesboro Borough in Franklin County, owner of the Antietam Dam, contacted the consultant regarding the dam. The structure sits in Hamiltonban Township, and the consultant briefed the committee on a spillway project at that location. The committee expressed concern about recent changes regarding dam regulations in Pennsylvania.
- **Drought-** The committee members recalled the extent of past droughts in their jurisdictions. They indicated that reservoirs had run low in the past, and recalled instances of water shortages, voluntary restriction, and forced restriction imposed during past periods of drought. The committee also indicated that well owners were under the same restrictions as those who use the public water supply, which has caused some confusion in the past. Drought conditions have also affected local commercial and industrial operations through reduced production.

- **Earthquake-** While the majority of the committee recalled experiencing earthquakes, they did not recall any damage associated with them.
- **Environmental Hazard: Hazardous Materials Release-** When asked about past experiences with hazardous materials releases, the committee brought up the various industries in the county that use hazardous materials regularly.
- **Extreme Temperature-** The committee recalled damage due to extreme temperature. The most notable and frequent damage mentioned was crop damage as the result of frost events in late spring.
- **Flood/Flash Flood/Ice Jam-** The committee recalled that some areas of the county, particularly East Berlin, Arendtsville, and Hamiltonban, seem to experience adverse effects of flood events more often than the rest of the county. The most memorable flood events were the June and September 1996 floods that heavily affected Gettysburg and Biglerville. The committee also noted that flash flooding seems to be on the rise in certain areas of the county, and it is causing significant impacts on infrastructure. Committee members also mentioned that the preliminary floodplain maps had been released, but received no public comment despite there being some questions on revised hazard areas.
- **Hailstorm-** The committee indicated that typical hail damage was not common or severe, but when applicable, it included vehicle damage, broken windows, and some roof damage.
- **Hurricane/Tropical Storm/Nor'easter-** Committee members recalled past experiences with hurricane/tropical storm/Nor'easter events. They noted that they experience flooding and heavy snowfall from these events and that some lead to infrastructure damage and power failure.
- **Invasive Species-** When asked if there were any invasive species that concerned them, the committee members provided several examples. Among the most mentioned were wild boars, stink bugs, gypsy moths, deer ticks (potentially spreading Lyme disease), oriental bittersweet, and oak wilt. All of these (excluding deer ticks) were identified as invasive species of concern by the Pennsylvania Department of Agriculture. The committee also expressed concern for the vulnerability of the wine and fruit industries to invasive species.
- **Pandemic and Infectious Disease-** When asked which pandemic and infectious diseases about which they were particularly concerned, committee members mentioned swine flu and avian flu due to the agricultural industry's presence. Other diseases

included West Nile Virus and Rocky Mountain spotted fever due to the number of mosquitos and ticks in the area. The committee also expressed concern about the spread of measles in neighboring counties possibly affecting the Adams County area.

- **Subsidence/Sinkhole-** The committee indicated that several areas of the county are vulnerable to sinkholes and subsidence, and noted the presence of Karst features in the area. They also mentioned that a sinkhole in Conewago Creek caused utility interruptions to some homes.
- **Terrorism-** The committee recalled some instances of civil disturbance and credible terrorism threats in the county. Committee members mentioned that the Civil War reenactment in Gettysburg every five years and the amount of tourism in the county are potential targets for terrorist events. They decided that because the potential for civil disturbance is so large, it should be profiled separately. The committee was also concerned about cyberterrorism and elected for it to be profiled separately as well.
- **Tornado/Windstorm-** When asked about past experiences with severe wind and tornadoes, the committee indicated that there had been significant wind and tornado events in the county, which have caused damage such as roof damage, utility interruptions, and damage to houses and barns.
- **Transportation Accident-** The committee indicated concern for the potential for accidents with several areas of disproportionately heavy traffic due to tourism, and large numbers of commercial vehicles on Route 116 in Bonneauville. Committee members also expressed concern about potential cascading effects of transportation accidents occurring on the rail network.
- **Wildfire-** The consultant reviewed the definition of wildfire with the committee and asked if they could recall any incidents. The committee noted that there were some instances of brush fires that became uncontrolled, and had the potential to cause a hazardous wildfire. Most notable for the committee was a series of five uncontrolled fires that covered 90 acres on Jack's Mountain.
- **Winter Storm-** Winter storms affect every region uniquely. The consultant asked the committee when they would consider snowfall a "winter storm." Members responded that while the county handles snowfall well, multiple events in a short period and snowfall that accumulates to or exceeds 16'' can overwhelm response capabilities. Committee memebrs were also concerned about wind creating snow drifts in the northern portion of the county.

The second agenda item was to finalize the public hazard mitigation survey. In addition to comments made in Meeting 2, the committee felt that combining questions three and five (regarding increasing and decreasing hazard events), and amending the instructions to ensure completion would enhance the survey experience. A copy of the finalized survey is attached to the minutes.

The final agenda item was to review the mitigation goals and introduce objectives. Committee members recieved a copy of the mitigation goals created and documented in Meetings 1 and 2. The consultant explained how these objectives should align with the mitigation goals, and ultimately with mitigation projects.

Attachments:

Sign-In Sheet

Public Hazard Mitigation Survey Draft

List of Previous Mitigation Projects

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 3	**Meeting Date:** September 9, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Pete DuPree	Fire Chief Irishtown FC	443 398 5521	dcfd21@aol.com
Verna Jean Seeser	Supt Oxford Twp	717 624 4544	oxftwp@comcast.net
Barb Krebs	Conewago Twp	717-632-0411	bkrebs@conewagotwp.org
Becky Redman	Adams County Planning	717-337-9827	bredman@adamscounty.us
NATE BECKER	UASD	717-677-7191	n.becker@upperadams.org
Don Schmitt	ACS ACVES	717-624-5979	k3dcs@aol.net
BOB JACKSON	SUPV. LIBERTY	717-642-8886	bobjackson rj@aol.com
Ken Wolf	Sup.	717-677-6635	MenallenTwp@centurylink.net
JACK KETTERMAN	SUPER.	717-359-4394	JKETTERMAN551@gmail.com
Sheri Moyer	Secretary	717-359-4500	Secretary@mtjoytwp.us
Kimberly Beard	Sec/Treasurer	717-624-4222	Readingtownship@comcast.net
Susan Wagle	"	642-5640	as b-4
Bob Gordon	Hamiltonban		
MIKE STONEBROOK	COUNCIL PRESIDENT	717-334-2069	SHAMETHELNEBROOK@GMAIL.C
Susan Plank	Franklin	717 334 4901	info@franklintwp.u
John Aldridge	Union	240-372-8192	jaldsr1@yahoo.com
JOE LACHOWSKI	NATIONAL PARK SERV.	717 338.4490	JOE_LACHOWSKI@NPS.GOV
David Laughman	Mayor - Arendtsville	717 677 6009	david@DL3Systems.c
WARREN BLADEN	DIRECTOR	717-334-5603	wpbladen@adamscounty.us

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 3	**Meeting Date:** September 9, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
THOMAS DANNER	Berwick Twp		
JAMES GRAHAM	ABBOTTSTOWN POLICE	717 451-5737	Codey@pacodeallian@.com
DARYL CRUM	DIRECTOR - ADAMS COUNTY TAX SERVICES	717-870-9638	dcrum@adamscounty.us
Tammy Kunkel	ACDES	717-334-8603	tKunkel@adamscounty.u
JEFF HARVEY	JHC	304-473-1009	jharvey@jhpreparedness.com
Olivia Simpson	JHC	931-510-4642	osimpson@jhcpreparedness.com

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #4

AGENDA

Date:	Thursday, November 7, 2019
Time:	2:00 p.m.
Estimated Duration:	90 minutes
Location:	Adams County Emergency Services 230 Greenamyer Lane Gettysburg, PA 17325

1. Welcome and Introductions
2. Approve Goals
    - Final review from previous meetings

3. Objectives and Countywide Projects
    - Develop objectives to categorize/organize projects
    - Begin brainstorming countywide projects

4. Project Prioritization Criteria
    - Definition
    - Introduce potential criteria
    - Criteria weighting activity

5. Draft Document Review
    - Shared file possibilities (e.g., Dropbox, Google Drive)

6. Schedule for Next Meetings
7. Adjournment

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #4
MINUTES

Date: Thursday, November 7, 2019
Time: 2:00 p.m.
Duration: 90 minutes
Location: Adams County Emergency Services
230 Greenamyer Lane
Gettysburg, PA, 17325

The Adams County Planning Committee met for the fourth time on Thursday, November 7, 2019. To begin, the consultant gave the committee an update on the public survey and draft review process. The committee previously received draft hazard profiles by email. There is now a Google Drive set up to allow committee members to review drafts and provide comments.

The first agenda item was to review and finalize the plan goals generated in previous meetings. The committee opted to expand Goal 4. The approved goals are as follows.

1. Reduce potential injury/death and damage to existing community assets and critical infrastructure (i.e., bridges, water, sewer, natural gas, electricity, communications, etc.) from all hazards that could impact the county.
2. Realize hazard mitigation opportunities through stormwater management and source water protection initiatives.
3. Promote disaster resilience in future development through code enforcement.
4. Reduce losses by facilitating a more efficient response to identified hazards.

The next agenda item was to develop objectives and countywide mitigation projects that align with the stated goals. The consultant gave the committee an overview of the structure of goals, objectives, and projects. After the discussion, committee members formulated the following general objectives.

1. Facilitate communication prior to a hazard event by increasing the number of residents receiving emergency notifications.
2. Modernize the communication system used for emergency notifications.
3. Promote education and awareness activities within Adams County.

4. Update municipal floodplain ordinances with recently-updated FEMA flood maps.
5. Identify an Emergency Management Coordinator (EMC) to represent each municipality in Adams County.
6. Ensure that each EMC has appropriate training for their position.

Objectives serve as ways to categorize projects under the four overarching goals. Committee members identified the need to make the objectives measurable, and the consultant agreed with this need, referencing the SMART acronym (**S**imple, **M**easurable, **A**chievable, **R**ealistic, **T**imely) so often associated with objectives. As such, the consultant revised the objectives per SMART categories and assigned the general objectives to goals as follows.

2019 Mitigation Goals and Objectives[1]	
Goal 1	*Reduce potential injury/death and damage to existing community assets and critical infrastructure (i.e., bridges, water, sewer, natural gas, electricity, communications, etc.) from all hazards that could impact the county.*
Objective 1A	Educate citizens annually about the hazard risks they face and personal/household mitigation strategies.
Objective 1B	Modernize the communications system used for emergency communications through training and technological upgrades.
Goal 2	*Realize hazard mitigation opportunities through stormwater management and source water protection initiatives.*
Objective 2A	Educate stakeholders (e.g., local officials and citizens) annually about the importance of stormwater management and source water protection and their links to hazard mitigation and risk reduction.
Goal 3	*Promote disaster resilience in future development through code enforcement.*
Objective 3A	Educate citizens annually on compliance with applicable local codes and ordinances.
Objective 3B	Update municipal floodplain ordinances within six months of official updates to flood insurance rate maps (FIRMs).
Goal 4	*Reduce losses by facilitating a more efficient response to identified hazards.*
Objective 4A	Identify an emergency management coordinator (EMC) to represent all 34 municipalities in Adams County.
Objective 4B	Ensure that 100% of the designated EMCs in Adams County have achieved a minimum baseline of training.
Objective 4C	Facilitate communication prior to a hazard event by increasing the number of residents receiving emergency notifications by 10%.

To facilitate conversation regarding projects, the consultant asked committee members, particularly municipal representatives, to spend time before the next meeting to recall projects their community has completed in recent years or plans to implement within the next few years.

The final agenda item was to introduce project prioritization criteria. The consultant provided the committee with a list of criteria that have been used successfully in past hazard

[1] NOTE: This list is not final.

mitigation plan updates and align with FEMA guidelines. Using a worksheet, each committee member ranked the criteria on a scale from one to ten, with one being the highest priority.

Following the meeting, the consultant used the completed worksheets to calculate the average score for each criterion. The criterion with an average score closest to one ranks as the highest priority and the criterion with the average score closest to ten ranks as the lowest priority.

PRIORITIZATION WORKSHEET RESULTS																	
	Committee Member Rankings																*Average Score*
Criteria	CM1	CM2	CM3	CM4	CM5	CM6	CM7	CM8	CM9	CM10	CM11	CM12	CM13	CM14	CM15	CM16	
1	1	7	4	9	7	3	4	1	6	10	3	4	8	4	5	1	*4.8125*
2	4	2	6	1	3	1	3	6	1	5	1	3	1	9	1	2	*3.0625*
3	6	3	5	5	2	4	1	2	8	2	2	1	9	1	2	10	*3.9375*
4	8	9	1	6	10	8	10	3	4	9	9	8	4	6	3	7	*6.5625*
5	7	4	10	3	4	5	2	4	9	6	7	7	3	5	9	3	*5.5*
6	5	10	9	4	8	6	9	7	3	1	10	5	2	7	4	8	*6.125*
7	9	8	8	10	5	7	6	5	10	8	8	9	10	10	10	9	*8.25*
8	10	6	7	7	6	9	5	10	5	7	5	6	6	8	8	5	*6.875*
9	2	5	3	8	9	2	4	9	7	4	6	10	7	3	7	6	*5.75*
10	3	1	2	2	1	10	7	8	2	3	4	2	5	2	5	4	*3.8125*

The following are the resultant criteria, listed in order of priority, with the highest priority criterion listed first.

2. The project aims to protect “functional and access needs” populations
10. The project promotes the modernization and efficiency of information flow
3. The project attempts to reduce the negative impacts of frequent and severe hazards
1. The project addresses more than one hazard at once
5. The project protects the environment
9. The project promotes partnerships within the county
6. The project is easily paid for with local funds or attainable grants
4. The project is easy to implement (most of the population agrees with the project, and it doesn’t have negative political ramifications)
8. The project directly aligns with one or more of the goals set by the committee
7. The project is already scheduled to start or is in process

Attachments:

1. Previous Mitigation Projects Matrix

This MS Excel matrix lists the projects that appeared in the previous version of the Adams County mitigation plan. Municipal representatives can find the projects that apply to them by identifying the projects beside which an "X" appears in the column labeled by their jurisdiction's name.

2. Project Examples

This attachment lists sample mitigation projects, and JHC derived it from existing DHS/FEMA guidance. Municipal representatives do not have to select projects from these sampes; this attachment serves as a resource if municipal representatives are having trouble visualizing applicable projects.

3. Mitigation Projects Worksheet

Municipal representatives can use this worksheet to document new mitigation projects for the consultant team as well as to identify any efforts the municipality recently completed or is currently undertaking that could contribute to risk reduction and hazard mitigation.

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 4	**Meeting Date:** November 7, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
JAMES GRAHAM	POLICE CHIEF ABBOTTSTOWN	717 451-5737	abbottstown Borough police_deport@comcast
Susan Plank	Sec/Treas Franklin Twp	717 334 490	info@franklin twp.us
VERNA Launtzeiser	Oxford Twp Sup	717 624 5544	oxfordtwp@comcast.net
THOMAS DANNER	Berwick Twp		
Bicky Rodman	Adams County Planning	717-337-9827	
BOB Cogdon	Hamiltonban		
Bob Jackson	Liberty		
Thomas Leady	ACDES/Arendtsville		
Ron Harris	Cumberland Valley (FIREMAN)	(301) 606-2021	mayorronHARRIS@comcast.net
GEORGE STECKMAN	WSG GETTYSBURG HOSP.	717-339-2440	GSTECKMAN@WELSH.OLG
Susan Wagle	Sec/Treas Boro of Fairfield	717-642-5640	boro fairfield pa@comcast.net
JOE LACHOWSKI	NATIONAL PARK SERVICE	717.338.4490	JOE_LACHOWSKI@NPS.GOV
Tammy Kunkel	ACDES	717-334-8603	
WARREN BLADEN	DIRECTOR ACDES	717-334-8603	wpbladen@adamscounty.
Olivia Simpson	JHC	931-510-4642	osimpson@jhc preparedness.com
JACK KETTERMAN	SUPER / GERMANY TWSP	717-359-4394	JKETTERMAN551@GMAIL.COM
Cheri Mayer	Mt. Joy Twp Secretary	717-359-4500	Secretary@mtjoytwp.US
JEFFERY HARVEY	JHC	304-473-1009	jharvey@jhcpreparedness.com

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 4	**Meeting Date:** November 7, 2019
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Grayson DeFrey	Irishtown FC	443 398 5521	dcf121@aol.com
Don Schmitt	ACES ACS	717-880-7687	K3DCS@ARRL.net
Scott Small	Conewago Twp	717-637-0411	
MIKE SHANE BROOK	Boro Council Pres	717-334-2069	
David W Bolton	Abbottstown Boro Mgr	717 634 8726	DAVIDW BOLTON.ORG @ GMAIL.COM

ADAMS COUNTY
HAZARD MITIGATION PLAN
2019 UPDATE

Adams County
Emergency Services

November 7, 2019 ~ 2:00 PM

230 Greenamyer Lane
Gettysburg, PA 17325

WELCOME AND INTRODUCTIONS

PROJECT PRIORITIZATION CRITERIA

- Addresses more than one hazard at once.
- Aims to protect the most vulnerable populations.
- Attempts to reduce the negative impacts of frequent hazards.
- Attempts to reduce the negative impacts of severe hazards.
- Easy to implement.
- Protects the environment.
- Easily paid for with local funds, attainable grants, etc.
- Already scheduled to start (or is in process).
- Directly aligns with one or more goals.
- Promotes partnerships within the county.

WEIGHTING OVERVIEW

___ The project addresses more than one hazard at once
___ The project aims to protect the most vulnerable populations
___ The project attempts to reduce the negative impacts of frequent hazards
___ The project attempts to reduce the negative impacts of severe hazards
___ The project is easy to implement (most of the population agrees with the project and it doesn't have negative political ramifications)
___ The project protects the environment
___ The project is easily paid for with local funds or attainable grants
___ The project is already scheduled to start or is in process
___ The project directly aligns with one or more of the goals set by the committee
___ The project promotes partnerships within the county

- Rank the criteria, with 1 being what is most important to you.
- (JHC) Assign point totals (i.e., a ranking of 1 = 10 points).
- (JHC) Add total points for all criteria.
- (JHC) Average points for each criterion.
- (JHC) Weight criteria by average point totals.

THANK YOU!

ADAMS COUNTY HAZARD MITIGATION PLAN
HISTORICAL AND CULTURAL RESOURCES SUBCOMMITTEE
MINUTES

Date: Thursday, January 16, 2020

Time: 1:30 p.m.

Duration: 45 minutes

Location: Teleconference

Attendees: Winona Peterson, Cultural Resources Program Manager (Gettysburg National Military Park/Eisenhower National Historic Site)
Jeffery Harvey, Preparedness Division Manager (JH Consulting, LLC)
Olivia Simpson, Analyst (JH Consulting, LLC)

Unable to Attend: Warren Bladen, Director (Adams County Emergency Management)
Charles Gable (Gettysburg Borough)
Joe Lachowski, Chief Ranger (Gettysburg National Military Park/Eisenhower National Historic Site) ~ Sent Ms. Peterson as a proxy.

The Adams County historical/cultural resources subcommittee met via teleconference on Thursday, January 16, 2020. To begin, the consultant asked the committee members to define historical and cultural resources for the county. Cultural resources include tangible resources, including buildings and monuments, but also intangible resources such as the atmosphere evoked by a site.

When asked about community investment in preserving historical and cultural resources, the committee indicated that primarily non-residents of Adams County visit historic sites. There are, however, groups within the county with a vested interest in preservation. The consultant asked the committee which hazards most affect historical and cultural resources in the county. Overall, weather-related hazards such as wind, tornadoes, and flooding seem to most strongly affect historic places. For example, Hurricane Agnes in 1972 destroyed historic covered bridges that were unable to be replaced. As weather patterns have shifted over time, the intensity of weather events has increased, bringing more intense rains and wind events at an increased frequency.

When asked about potential mitigation strategies, the committee indicated that historic documents could be digitized. This would ensure their existence in the digital realm in the event

they were lost in a hazard event. Additionally, historic buildings could be entered into the Historic American Buildings Survey (HABS) in the Library of Congress. The HABS was established to create a public archive of measured drawings, historical reports, and large-format black and white photographs of important and/or representative examples of our built environment. Committee members also suggested multi-jurisdictional prioritization of mitigation projects for historic and cultural sites.

ADAMS COUNTY HAZARD MITIGATION PLAN

PLANNING COMMITTEE MEETING #5

AGENDA

Date:	Thursday, January 23, 2020
Time:	1:30 p.m.
Estimated Duration:	90 minutes
Location:	Adams County Emergency Services 230 Greenamyer Lane Gettysburg, PA 17325

1. Welcome and Introductions
2. Historical & Cultural Resources Review
    - Broader awareness of mitigation options for historical/cultural resources
    - Community-level prioritization of historical/cultural assets
    - Coordination with SHPO moving forward
3. Punch-List Items for Completion
4. Plan Maintenance Process
    - Annual updates/agendas
    - Integrating mitigation goals into other planning efforts
    - On-going public involvement
5. Draft Document Review
6. Open House/Public Meeting
7. Adjournment

ADAMS COUNTY HAZARD MITIGATION PLAN
PLANNING COMMITTEE MEETING #5
MINUTES

Date: Thursday, January 23, 2020
Time: 1:30 p.m.
Duration: 90 minutes
Location: Adams County Emergency Services
230 Greenamyer Lane
Gettysburg, PA, 17325

The full Adams County hazard mitigation planning committee met for the fifth time on Thursday, January 23, 2020. This committee meeting doubled as a public meeting. The public session began at 2:30 p.m. (per the published advertisement), and as such, the committee tended to new business within the first hour and reserved the final portion of the meeting for draft review and discussion. Committee business included four primary items: (a) a historical/cultural resources subcommittee meeting, (b) public survey results, (c) the plan maintenance process, and (d) punch-list items for plan completion.

The consultant provided an overview of the historical/cultural resources subcommittee meeting, which occurred via teleconference on Thursday, January 16, 2020. As a result of that discussion, the consultant will ensure that the Eisenhower National Historic Site appears more prominently in the 2020 plan. Further, when reviewing the National Register of Historic Places list for Adams County, one might find it to be rather short. In addition to the numerous artifacts at the battlefield/military park, several listings are historic districts. Those districts include numerous sites not listed individually on the registry. The 2020 update will be sensitive to this fact, as well include the newly-designated Fruit Belt Historic District. Finally, the subcommittee realized the value of undertaking mitigation projects that benefit single historical/cultural assets but felt that engaging municipalities in a process to prioritize assets *within their corporate limits* for protection was a more strategic approach to ensuring risk reduction for those assets. The full committee agreed, and discussion followed about not just tangible historical artifacts or sites, but also events and quality of life features that contribute to the area's culture. To close out the historical/cultural discussion, the consultant asked the committee's preference on the presentation of that material (i.e., interspersed throughout the plan versus a subsection). The committee requested the

information appear as a subsection.

Next, the consultant discussed the plan maintenance process for the 2020-2025 planning cycle by indicating that regulatory agencies prefer a regular periodic meeting schedule. The committee agreed, and after discussion, felt that embedding an annual hazard mitigation planning discussion into a council of governments (COG) meeting would be most beneficial. Further, the committee decided to ask the COG to create a standing hazard mitigation agenda item for all of its meetings. During the third year of the cycle, the Adams County Department of Emergency Services (ACDES) will host an online survey to engage residents. ACDES will present the results of the survey to the COG under the mitigation agenda item during the year in which it collects the data. Generally, the committee felt that the primary task in Year 1 of the planning cycle will be ensuring countywide adoption of the plan; Year 2 will focus on hazard identification and risk analysis; Year 3 will be the public survey; Year 4 will be an update on project implementation; Year 5 will serve as the point at which the county updates the plan. Of course, this schedule is a guide; organic discussions of any topic related to mitigation will ensure the maintenance of the 2020 update.

The consultant then presented the results of the public survey hosted between November 2019 and January 2020. The survey included 150 responses, and approximately six residents utilized the point/click/narrative feature on the map hosted by the Adams County Office of Planning and Development. The consultant explained that the survey results would be provided to the committee (see attached).

Fourth, the consultant presented a punch-list of items necessary for completion of the draft. During the week of January 27, ACDES will continue to post draft materials on its website. Municipalities will have through February 14th to review and comment on the drafts. If necessary, the review period can extend to February 21st. The ACDES and the consultant will compile and submit the full draft to PEMA during the week following the jurisdictional review. One the plan receives “approved pending adoption” (APA) status, the consultant will support ACDES and the municipalities in the adoption process.

No members of the public attended the public portion of the meeting. The committee used this time to discuss draft materials with the consultant.

Attachments:

1. Sign-In Sheet
2. Maryland Flood Mitigation Guide for Historic Buildings: https://forum.savingplaces.org/blogs/anthony-veerkamp/2019/05/10/md-flood-mitigation-guide-for-historic-buildings
3. Public Survey Data Summary

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 5	**Meeting Date:** January 23, 2020
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Verna Jean Feeser	EMA Oxford Twp	717 624 4544	oxfdtwp@comcast.net
David Bohan	Abbottstown	(717) 634-8726	abbottstown@comcast.net
Don Schmit	ACDES ACS	717 624-5979	K3DO@ARRL.net
Glen Wolf	Menallen TWP	717-677-6635	MenaLLenTwP@centurylink.net
Susan Plank	Franklin	717-334-4901	
Thomas Leedy	ACDES Arendtsville	717-321-0567	
Winona Peterson	CR Program Mgr Gettysburg NMP	717-338-4482	
Susan Wagle	Secretary / Treas. FAIRFIELD BOW	717-642-5640	borofairfield@pa.comcast.net
Pete DePree	Irishtown Fire	443 398 5521	dcdf21@aol.com
JEFFERY HARVEY	JH CONSULTING	304 473 1009	jharvey@jhc...
Tammy Kunkel	ACDES	717-334-8603	
WARREN BLADEN	ACDES	717-334-8603	wpbladen@adamscounty.us

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 5	**Meeting Date:** January 23, 2020
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
MIKE SHANEBROOK	BONNEAUVILLE COUNCIL PRESIDENT	717-334-2069	
JACK KETTERMAN	SUP'R. GERMANY TWSP	717-359-4394	JKETTERMAN551@GMAIL.COM
BOB JACKSON	SUPV. LIBERTY	717-642-9886	rdjacksontj@hotmail.com
BOB GOCKLEY	SUPV HAMILTON	717 642-8037	bgockley@comcast.net
Scott Small	conewago twp		
Becky REDMAN	Adams County Planning	717-337-9827	bredman@adamscounty.us
JAMES GRAHAM	CHIEF POLICE ABBOTTSTOWN	717 680 0002	Abbottstown Borough police_depar@comcast.n
Sheri Moyer	secretary MT. JOY TWP	717-359-4500	secretary@mtjoytwp.us
Sandi VAZQUEZ	sec/TR Biglerville Boro	717 677 9488	biglerville@comcast.net

ADAMS COUNTY HAZARD MITIGATION PLAN

PUBLIC MEETING

MINUTES

Date: Thursday, January 23, 2020
Time: 2:30 p.m.
Duration: 30 minutes
Location: Adams County Emergency Services
230 Greenamyer Lane
Gettysburg, PA, 17325

Adams County Department of Emergency Services advertised a public meeting for this time to review draft materials of the county's 2020 hazard mitigation plan update. The consultant brought printed copies of the full draft (less the Section 7.0: Plan Maintenance and the appendices) for review. Additionally, the consultant brought education information on hazard mitigation and mitigation planning produced by U.S. DHS FEMA. Significantly, the public meeting was not the only opportunity for residents to participate in the 2020 update. Committee members shared a link to an online survey, which 150 residents took.

Attendance was minimal. No members of the public attended, and as such, attendance consisted of members of the full planning committee.

Attachments:

1. Sign-In Sheet[1]

[1] This sheet is the same one from the committee meeting that began at 1:30 p.m.

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 5	**Meeting Date:** January 23, 2020
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
Verna Jean Feeser	EMA Oxford Twp	717 624 4544	oxfdtwp@comcast.net
David Bohan	Abbottstown	(717) 634-8726	abbottstown@comcast.net
Don Schmit	ACDES ACS	717 624-5979	K3DO@ARRL.net
Glen Wolf	Menallen TWP	717-677-6635	MenaLLenTwP@centurylink.net
Susan Plank	Franklin	717-334-4901	
Thomas Leedy	ACDES Arendtsville	717-321-0567	
Winona Peterson	CR Program Mgr Gettysburg NMP	717-338-4482	
Susan Wagle	Secretary / Treas. FAIRFIELD BOW	717-642-5640	borofairfield@pa.comcast.net
Pete DePree	Irishtown Fire	443 398 5521	dcdf21@aol.com
JEFFERY HARVEY	JH CONSULTING	304 473 1009	jharvey@jhc...
Tammy Kunkel	ACDES	717-334-8603	
WARREN BLADEN	ACDES	717-334-8603	wpbladen@adamscounty.us

SIGN-IN SHEET

Project: Hazard Mitigation Plan Update – Meeting # 5	**Meeting Date:** January 23, 2020
Facilitator: JH Consulting, LLC	**Place/Room:** Classroom 1

Name	Title / Organization	Phone/Cellular	E-Mail
MIKE SHANEBROOK	BONNEAUVILLE COUNCIL PRESIDENT	717-334-2069	
JACK KETTERMAN	SUP'R. GERMANY TWSP	717-359-4394	JKETTERMAN551@GMAIL.COM
BOB JACKSON	SUPV. LIBERTY	717-642-9886	rdjacksontj@hotmail.com
BOB GOCKLEY	SUPV HAMILTON	717 642-8037	bgockley@comcast.net
Scott Small	conewago twp		
Becky REDMAN	Adams County Planning	717-337-9827	bredman@adamscounty.us
JAMES GRAHAM	CHIEF POLICE ABBOTTSTOWN	717 680 0002	Abbottstown Borough police_depar@comcast.n
Sheri Moyer	secretary MT. JOY TWP	717-359-4500	secretary@mtjoytwp.us
Sandi VAZQUEZ	sec/TR Biglerville Boro	717 677 9488	biglerville@comcast.net

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That all of the charges, costs and expenses, including the fee for the affidavit to this proof of publication has not been paid in full.

Carolyn Schreiber

Advertising Clerk
of Gettysburg Times Publishing LLC

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County of Adams

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Carolyn Schreiber

Advertising Clerk

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My commission expires

Commonwealth of Pennsylvania
Notarial Seal
HARRY JOHN HARTMAN - Notary Public
CUMBERLAND TWP, ADAMS COUNTY
My Commission Expires Aug 28, 2021

Copy of notice of publication

NOTICE OF PUBLIC MEETING

The Adams County Department of Emergency Services, as part of the Adams County Hazard Mitigation Planning Committee, will hold a public meeting on January 23, 2020, in the Adams County Emergency Services Training Facility, Classroom 1, 230 Greenamyer Lane, Gettysburg, Pennsylvania at 2:30 p.m.

The purpose of the meeting is to review updates to the county's hazard mitigation plan. Members of the public will be given the opportunity to comment on the natural and man-made hazards most affecting them.

The Adams County Hazard Mitigation Plan was last updated in 2015 per federal requirements in Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000.

Questions may be directed to Warren P. Bladen, Director of the Adams County Department of Emergency Services. Interested parties may review an electronic copy of the draft plan at

Statement of Advertising Costs
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ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: JAMES GRAHAM Title: CHIEF OF POLICE
Jurisdiction: ABBOTTSTOWN BOROUGH

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	I INCREASE IN LAST 10 YEARS	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC POTENTIAL FOR DISASTER HAS INCREASED WITH MORE TRAFFIC.	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC POTENTIAL FOR DISASTER HAS INCREASED WITH MORE TRAFFIC.	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ● Urban Fire and Explosion
- ● Utility Interruption
- ● War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: _____Thomas Danner _____Title: ___ Twp Supervisor_____
Jurisdiction: _____Berwick_____

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural		None Reported (NCEI)
Earthquake	Natural	We have had slight earthquakes , I have cracks in my home from one	I
Extreme Temperature	Natural		Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural		Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural		5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	We have had Hurricanes Agnes, Andrew, Sandy	I
Invasive Species	Natural		912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural		N/A
Pandemic and Infectious Disease	Natural		485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	The both Oxford and Berwick Twp have substantial sinks hole around the mining operations in both townships	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural		High Wind: 3 (NCEI)
Wildfire	Natural		None Reported (NCEI)
Winter Storm	Natural		8 (NCEI)
Dam Failure	Human Caused		None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	High pressure gas line leak Hamilton and Berwick	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused		None reported
Terrorism	Human-Caused		None reported
Transportation Accidents	Human-Caused		2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Radon Exposure
- x Lightning Strike

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Disorientation
- ☐ Mass Food/Animal Feed Contamination
- ☐ Utility Interruption
- ☐ Civil Disturbance
- ☐ Drowning
- ☐ Urban Fire and Explosion
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Susan Plank Title: Secretary/Treasurer
Jurisdiction: Franklin Township

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	n/c	None Reported (NCEI)
Earthquake	Natural	n/c	None reported (USGS)
Extreme Temperature	Natural	n/c	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	n/c	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	n/c	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	n/c	None Reported (NCEI)
Invasive Species	Natural	n/c	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	n/c	N/A
Pandemic and Infectious Disease	Natural	n/c	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	n/c	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	n/c	High Wind: 3 (NCEI)
Wildfire	Natural	n/c	None Reported (NCEI)
Winter Storm	Natural	n/c	8 (NCEI)
Dam Failure	Human Caused		None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	n/c	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	n/c	None reported
Terrorism	Human-Caused	n/c	None reported
Transportation Accidents	Human-Caused	I High Street / Chambersburg Rd	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards n/c none

- ☐ Expansive Soils
- ☐ Radon Exposure
- ☐ Lightning Strike

Human-Caused Hazards n/c none

- ☐ Building or Structure Collapse
- ☐ Disorientation
- ☐ Mass Food/Animal Feed Contamination
- ☐ Utility Interruption
- ☐ Civil Disturbance
- ☐ Drowning
- ☐ Urban Fire and Explosion
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Munallen Twp Title: Ken Wolf - Supervisor
Jurisdiction:

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	I	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☒ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☒ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☒ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Verna Jean Feeser Title: EMA-Township
Jurisdiction: Oxford Township

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	None	None Reported (NCEI)
Earthquake	Natural	None	None reported (USGS)
Extreme Temperature	Natural	N/C	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	Increased road flooding due to excessive rain	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	None	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	None	None Reported (NCEI)
Invasive Species	Natural	None	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	N/A	N/A
Pandemic and Infectious Disease	Natural	None	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	None	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	None	High Wind: 3 (NCEI)
Wildfire	Natural	None	None Reported (NCEI)
Winter Storm	Natural	No change	8 (NCEI)
Dam Failure	Human Caused	None	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	None	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	None	None reported
Terrorism	Human-Caused	None	None reported
Transportation Accidents	Human-Caused	Unknown	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- □ Expansive Soils
- X□ Lightning Strike
- □ Radon Exposure

Human-Caused Hazards

- □ Building or Structure Collapse
- □ Civil Disturbance
- □ Disorientation
- □ Drowning
- □ Mass Food/Animal Feed Contamination
- □ Urban Fire and Explosion
- □ Utility Interruption
- □ War and Criminal Activity

Other Comments:

None

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Kimberly Beard Title: Secretary/Treasurer
Jurisdiction: Adams/Reading Township

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	D	None Reported (NCEI)
Earthquake	Natural	I	None reported (USGS)
Extreme Temperature	Natural	I	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	I	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural		Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	I	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	I	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Radon Exposure
- ☑ Lightning Strike

Human-Caused Hazards

- ☑ Building or Structure Collapse
- ☐ Disorientation
- ☐ Mass Food/Animal Feed Contamination
- ☑ Utility Interruption
- ☑ Civil Disturbance
- ☒ Drowning
- ☐ Urban Fire and Explosion
- ☑ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Sheri Moyer Title: Secretary
Jurisdiction: Mount Joy Township

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I - 2018 – One storm created flash flooding. 2019 (Jan - July) Two storms caused flash flooding. Several roads were washed out.	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	I – 2018 high winds (unconfirmed tornado) damaged a barn roof (section of roof blown off) and damaged crops on several farms.	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	I – 2018 Hydraulic fluid spill on roadway from forklift hose. Covered approximately a 1/4 mile 2 feet wide. 2019 – Traffic accident with oil and antifreeze leak.	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	2015 = 16 2016 (Increase from 2015) = 20 2017 (Decrease from 2016) = 16 2018 (Decrease from 2017) = 12 2019 (Jan – June) = 10	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Don Schmitt Title: ACS Officer
Jurisdiction: Adams County DES

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	I It seems the winters have been getting a little warmer & summers hotter	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Radon Exposure
- X Lightning Strike

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Disorientation
- ☐ Mass Food/Animal Feed Contamination
- X Utility Interruption
- X Civil Disturbance
- ☐ Drowning
- ☐ Urban Fire and Explosion
- ☐ War and Criminal Activity

Other Comments:

Over the years this area has experienced many small protests both in Gettysburg and on the National Park battlefield that fortunately didn't escalate. However, looking at what has been occurring in other parts of the country, such as Charlottesville, VA Aug 2018, I feel there is potential we could experience larger civil disturbances here.

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Patricia Smith Title: President
Jurisdiction: Fairfield Borough

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	I	None reported (USGS)
Extreme Temperature	Natural	I	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	I	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	D	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: MIKE SHANEBROOK Title: Council PRESIDENT
Jurisdiction: BONNEAUVILLE BOROUGH

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused		2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☒ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Phyllis Gilbert Title: Council person.
Jurisdiction: S Fairfield Boro

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Caroline & Bob Stanley Title: Council / Mayor
Jurisdiction: FF

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

None

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

None

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Carroll B. Smith Title: Vice President Borough Council
Jurisdiction: Fairfield Borough

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease. *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Camille Colins Title: Council person
Jurisdiction: Fairfield Bor

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural		None reported (USGS)
Extreme Temperature	Natural		Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural		Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural		5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural		None Reported (NCEI)
Invasive Species	Natural		912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural		N/A
Pandemic and Infectious Disease	Natural		485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural		Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural		High Wind: 3 (NCEI)
Wildfire	Natural		None Reported (NCEI)
Winter Storm	Natural		8 (NCEI)
Dam Failure	Human Caused		None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused		Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused		None reported
Terrorism	Human-Caused		None reported
Transportation Accidents	Human-Caused		2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Bicky Rodman Title: Adams County Environmental Planner
Jurisdiction: (Live in Franklin Township) County

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	D	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	I	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I - More fallen tree hazards to bridge infrastructure Flood and Flash Flood - I Ice Jam - NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	Threat I - this is very concerning RE: crops, esp. the fruit belt - has been damages	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	effects from - I	None Reported (NCEI)
Invasive Species	Natural	I - spotted lantern fly is a huge risk to county	912 Invasive Species (PA DCNR) → fruit belt wineries forest lands nurseries
Landslide/Erosion	Natural	Landslide - NC Erosion - I	N/A
Pandemic and Infectious Disease	Natural	I	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	Tornado - NC Windstorm - I	High Wind: 3 (NCEI)
Wildfire	Natural	NC most wildfires in PA caused by open burning - needs mitigated by state no open burning of trash debris	None Reported (NCEI)
Winter Storm	Natural	Ice Storms - I downed wires/trees	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	Since Big Miller Chemical Fire - NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC - mass shooting is a threat	None reported
Transportation Accidents	Human-Caused		2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☒ Radon Exposure — Radon is not a threat addressed well on the local level

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☒ Civil Disturbance — protesting groups come to use the National Park periodically
- ☐ Disorientation
- ☐ Drowning
- ☒ Mass Food/Animal Feed Contamination ↳ Swine Flu threat
- ☒ Urban Fire and Explosion — aging gas lines
- ☒ Utility Interruption ↳ need to set up more micro grid's / ensure hospitals / nursing homes government buildings have operational generators sufficient fuel supplies
- ☒ War and Criminal Activity — Hate groups

Other Comments:

Who will lead the County in implementing the provisions of the Plan, over the course of the next 5 years?

How can we support each other and rally the troops to actually complete mitigation plans? Will the state work with us as a partner?

How can we incorporate some of our Chesapeake Bay Watershed Implementation into this process?

MOSQUITO AND TICK BORNE DISEASES INCREASING

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: _____ Title: _____
Jurisdiction: _____

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	D	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	I	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	I	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	—	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	—	None reported
Terrorism	Human-Caused	I	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Radon Exposure
- ☐ Lightning Strike

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Disorientation
- ☐ Mass Food/Animal Feed Contamination
- ☐ Utility Interruption
- ☐ Civil Disturbance
- ☐ Drowning
- ☐ Urban Fire and Explosion
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: _____ Title: _____
Jurisdiction: _____

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I - INCREASED FLASH FLOODING WITH RAIN EVENTS THAT ARE HIGH INTENSITY AND SHORT DURATION.	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	I - TOWNSHIP DEALS WITH INVASIVE SPECIES ALONG RIPARIAN CORRIDORS.	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	I - TOWNSHIP DEALS BANK EROSION (IN HIGH FLOW RAIN/FLOOD EVENTS)	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	I - TOWNSHIP DEALS INCREASED DEVELOPMENT AND LARGER RISK FOR SINKHOLES IN KARST GEOLOGICAL AREAS	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- [x] Expansive Soils
- [ ] Lightning Strike
- [ ] Radon Exposure

Human-Caused Hazards

- [ ] Building or Structure Collapse
- [ ] Civil Disturbance
- [ ] Disorientation
- [ ] Drowning
- [ ] Mass Food/Animal Feed Contamination
- [ ] Urban Fire and Explosion
- [ ] Utility Interruption
- [ ] War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: _____ Title: _____

Jurisdiction: _____

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
* Flood, Flash Flood, Ice Jam	Natural	I	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
* Landslide/Erosion	Natural	I	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Joe Lachowski Title: Chief Ranger
Jurisdiction: National Park Service

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: Pete DaPree Title: Fire Chief
Jurisdiction: Oxford Twp. Adams County

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	I	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	I	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	I, Chronic wasting disease, beetles	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☑ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

CIVIL WAR SITES HAVE THE POSSIBILITY TO ATTRACT LARGE PROTESTS.

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: John Aldridge Title: Supervisor
Jurisdiction: Union Township

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease (Please provide an explanation for any hazards marked I or D)	Additional Comments Incident Data (2015-present)
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural	NC	None reported (USGS)
Extreme Temperature	Natural	NC	Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural	NC	Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural	NC	5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural	NC	None Reported (NCEI)
Invasive Species	Natural	NC	912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural	NC	N/A
Pandemic and Infectious Disease	Natural	NC	485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural	NC	Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural	NC	High Wind: 3 (NCEI)
Wildfire	Natural	NC	None Reported (NCEI)
Winter Storm	Natural	NC	8 (NCEI)
Dam Failure	Human Caused	NC	None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused	NC	Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused	NC	None reported
Terrorism	Human-Caused	NC	None reported
Transportation Accidents	Human-Caused	NC	2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

We have the biggest Standard Bread horse farm in the country Hanover Horse Farms about 3,000 Acres. That is the biggest employer The rest of the Township is Ag with some development around Littlestown, PA.

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments:

ADAMS COUNTY HAZARD MITIGATION PLAN – HAZARDS FOR CONSIDERATION

Name: _____ Title: _____

Jurisdiction: _____

Identified Hazards 2015 HMP	Type	Has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change, I = Increase, D = Decrease *(Please provide an explanation for any hazards marked I or D)*	Additional Comments *Incident Data (2015-present)*
Drought	Natural	NC	None Reported (NCEI)
Earthquake	Natural		None reported (USGS)
Extreme Temperature	Natural		Extreme Cold: 1 Extreme Heat: 2 (NCEI)
Flood, Flash Flood, Ice Jam	Natural		Flood: 1 Flash Flood: 2 (NCEI)
Hailstorm	Natural		5 (NCEI)
Hurricane, Tropical Storm, Nor'easter	Natural		None Reported (NCEI)
Invasive Species	Natural		912 Invasive Species (PA DCNR)
Landslide/Erosion	Natural		N/A
Pandemic and Infectious Disease	Natural		485 cases of communicable diseases reported to PA Dept. Health 2015-2017
Subsidence, Sinkhole	Natural		Sinkholes: 0 Depressions: 33 (USGS)
Tornado, Windstorm	Natural		High Wind: 3 (NCEI)
Wildfire	Natural		None Reported (NCEI)
Winter Storm	Natural		8 (NCEI)
Dam Failure	Human Caused		None Available (NPDP)
Environmental Hazards: Hazmat Release	Human-Caused		Hazardous material release in prison kitchen (2017), blue substance in Hanover stream (York Co.)
Nuclear Incident	Human-Caused		None reported
Terrorism	Human-Caused		None reported
Transportation Accidents	Human-Caused		2015: 990 2016: 1,018 2017: 1,002 (PennDOT)

Other Hazards:

Do any of the following hazards, not previously profiled in the hazard mitigation plan, have the potential to affect your municipality (or department) significantly?

Natural Hazards

- ☐ Expansive Soils
- ☐ Lightning Strike
- ☐ Radon Exposure

Human-Caused Hazards

- ☐ Building or Structure Collapse
- ☐ Civil Disturbance
- ☐ Disorientation
- ☐ Drowning
- ☐ Mass Food/Animal Feed Contamination
- ☐ Urban Fire and Explosion
- ☐ Utility Interruption
- ☐ War and Criminal Activity

Other Comments: