



PERRY COUNTY MULTI-HAZARD MITIGATION PLAN



FEMA



Meeting 3
March 8 2022
10:00 AM



Agenda

1. Welcome and Introductions
2. Multi-Hazard Mitigation Planning Updates
3. Hazard Ranking Review
4. Essential Facilities Review
5. Mitigation Strategies Review
6. Planning Team Discussion
7. Adjourn

[illegible]



Match Requirements

- 75% Federal Dollars for Planning
- 25% Local Match Needed
- Match is Met by Your Participation
 - Meeting Attendance
 - Outside Work on Plan
 - Travel
 - Other Costs
- Current Match: 69% (\$5,789/8,333)
- MHMP Match Survey

MHMP-Salary and Benefit Request

As you are aware, Greater Egypt has contracted with Perry County to assist with the completion of the 5-year update to the Multi-Hazard Mitigation Plan. As a federally-funded project, 25% of the cost of the update must be met by Perry County and other local agencies that participate in the plan update. The match is met through in-kind support or "sweat equity" by the representatives of the participating agencies who attend meetings and take part in the update process. IEMA and FEMA require the actual salary and benefit rates to be used to calculate the cost.

We respectfully request that you provide the names and compensation information for the employees and representatives of your agency who have attended meetings so far, or who have not attended meetings but will eventually be involved in the update process. Please provide this information in the Salary and Benefit Request. This information will remain in strict confidence and will only be utilized to complete the required reports for the IEMA grant manager in Springfield.

For questions regarding this request, feel free to contact Greater Egypt at 618-997-9351.

* Required

Email *

Your email

First Name *

Your answer

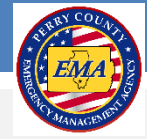
Last Name *

Your answer



Responsibilities of Planning Partners

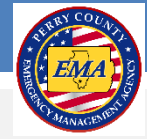
- ~~Represent an authorized jurisdiction in the county~~
- ~~Attend two meetings during planning process~~
- ~~Complete Hazard Ranking exercise for your jurisdiction~~
- ~~Propose two mitigation strategies for each hazard~~
- Assist with meeting match requirements through participation
- Assist with data collection for hazard modeling



Hazard Ranking Review

1. Tornado
2. Severe Weather
(thunderstorms, high winds, heatwaves)
3. Earthquake
4. Pandemic
5. Severe Winter Weather
6. HazMat Release/ Train
Derailment
7. Cyberattack - Data
8. Cyberattack -
Infrastructure
9. Terrorism
10. Utility Disruption

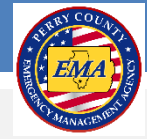
Mitigation Strategies for hazards not listed in the top 10 can still be included in the Plan!



Partner Acknowledgemets

Special thanks to those who assisted in reviewing and updating essential facilities lists !

- EMA Coordinator: Chuck Genesio
- Du Quoin Fire Chief: David Durkota
- State's Attorney: David Searby
- School Superintendents

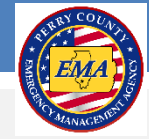


Essential Facility Review

**Please speak up if you see a spelling error
or incorrect address!**

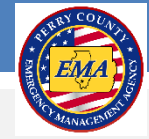
**Last and final chance to add in any other facilities that
may be essential to your jurisdiction!**

**This information will be updated into the FEMA
CDMS/Hazus Statewide dataset for others to use, it needs
to be as accurate as possible**



Essential Facilities List – Hospitals

Name	Kitchen?	# Beds	Backup Power?	Address	City	Zip Code	Yr Built	Replacement Value
Pinckneyville Community Hospital	Y, commercial	20	Y	5383 IL-154	Pinckneyville	62274	1962	51,040,000
Marshall Browning Hospital				900 N Washington St	Du Quoin	62832	1958	



Essential Facilities List – Police

Name	Kitchen?	Backup Power?	Address	City	Zip Code	Yr Built	Replacement Value
Du Quoin Police Department	N	Y	304 E Poplar St	Du Quoin	62832	1989	1.5 Million
Illinois State Police District 13			1391 S Washington St	Du Quoin	62832		
Perry County Sheriff	Y	Y	12 E Water St	Pinckneyville	62274	1985	8 Million
Pinckneyville Police Department	Y	Y	104 S Walnut St	Pinckneyville	62274	1991	6 Million
Willisville Police Department			906 Broadway St	Willisville	62997		



Essential Facilities List – EOCs

Name	Kitchen?	Backup Power?	Address	City	Zip Code	Yr Built	Replacement Value
Perry County Emergency Operations Center	Y	Y	12 E Water St	Pinckneyville	62274	1985	8 Million
Du Quoin EMA/EOC	Y	Y	110 S Walnut St	Pinckneyville	62274	1991	5 Million



Essential Facilities List – Fire Protection

Name	Kitchen?	Backup Power?	Equipment	Address	City	Zip Code	Yr Built	Replacement Value
Cutler Community Fire Protection District	Yes	Yes	1 Brush Truck, 2 Engines	111 N Main St	Cutler	62238	1979	800,000
DuQuoin Fire Department Station 1	Yes	Yes	2 Engines, 1 Ladder, 1 Brush Truck	30 S Division St	Du Quoin	62832	1987	4 million
DuQuoin Fire Department Station 2	No	No	Unified Command Post, 2 command trailers, 3 support trailers, 9 generators, 2-prime movers, 3 response vehicles, Fire engine, 1 response van, Generator support trailer	1534 S Washington St (Highway 51)	Du Quoin	62832	1978	1.4 Million
Pinckneyville City Fire Department	Yes	Yes	2 - Engines 1 - Rescue Vehicle	110 S Walnut St	Pinckneyville	62274	1991	5 Million
Pinckneyville Rural Fire Protection District	Yes	Yes	2 - Engines 1 - Tanker 1 - Brush Truck 1- Command Vehicle	110 S. Walnut Street	Pinckneyville	62274		*Rural Dist separate entity that rents space in the City's station
Tamaroa Fire Protection District	Yes	Yes	2 engines, 1 tanker	39 West 2nd North Street	Tamaroa	62888	1983	600,000
Willisville Volunteer Fire Department				407 Peach St	Willisville	62997		



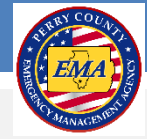
Essential Facilities List – Schools

District/Type	Name	Shelter Capacity	Address	City	Zip	Yr Built
Tri County	TC Ward School		200 N Division St	Du Quoin	62832	1961
Tamaroa Public School District #5	Tamaroa Grade School		200 W Main St	Tamaroa	62888	1906
Private	St Bruno Catholic School		210 N Gordon St	Pinckneyville	62274	1962
Pinckneyville District 50 Schools	Pinckneyville Elementary School		301 West Mulberry Street	Pinckneyville	62274	1962
Pinckneyville District 50 Schools	Pinckneyville Junior High School		700 East Water Street	Pinckneyville	62274	1962
Pinckneyville Community High School District 101	Pinckneyville Community High School		600 E Water St	Pinckneyville	62274	1962
College	Rend Lake College Murphy-Wall Pinckneyville Campus		5680 IL-154	Pinckneyville	62274	1962
Private School	Du Quoin Christian Fellowship		616 U.S. Rt. 51 South	Du Quoin	62832	1961
Du Quoin CUSD #300	Du Quoin School		845 North Division Street	Du Quoin	62832	1960
Du Quoin CUSD #300	Du Quoin Middle School K-8		845 East Jackson Street	Du Quoin	62832	1999
Du Quoin CUSD #300	Du Quoin High School		500 E South St	Du Quoin	62832	2011-13
Community Consolidated School District #204	Community Consolidated School District #204		6067 State Route 154	Pinckneyville	62274	1962
	Perry County Head Start			DuQuoin	62832	



Essential Facilities List – Other

Name	Use	Kitchen	Backup Power	Address	City	Zip Code	Yr Built	Replacement Value
John A. Logan Alongi Extension Center	General Education, Nursing, Developmental, Continuing Education, GED		NN	72 Southtowne Shopping Center	Du Quoin	62832	unknown	



5 min break

Mitigation Strategies

The purpose of mitigation planning is for State, local, and Indian tribal governments to identify the natural hazards that impact them, to identify actions and activities to reduce any losses from those hazards, and to establish a coordinated process to implement the plan, taking advantage of a wide range of resources. (Stafford Act Title 44, Chapter 1, Part 201).



Sugar Camp coal mine near Benton in southern Illinois on Sept. 16.

E. JASON WAMBSGANS, CHICAGO TRIBUNE

Something in the water

Fire and toxic foam ravage Sugar Camp coal plant

extinguish it, operators dumped 46,000 gallons of toxic foam into the mine.

Environmental experts say a foam that contains a group

The scope of the issue

Twenty days after the Illinois EPA learned of the use of PFAS and received reports that it was detected on a nearby creek on

from the transfer and storage of firefighting foam concentrate, the expedient clean up and removal of any spilled firefighting foam concentrate, and the rou-

KALLIE COX
The Southern



Grand Tower has approved an emergency loan to make repairs to a massive sinkhole that has been growing since Friday.

PROVIDED



RYAN C. NEWMAN, LEXINGTON HERALD-LEADER

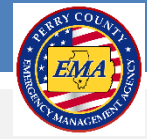
Buildings are left derelict in downtown Mayfield, Ky., on Saturday in the wake of a deadly tornado that swept through the region Friday night. Kentucky Gov. Andy Beshear said upward of 70 may have died when a twister touched down for more than 200 miles in the state.

DEADLY STORMS



The north end of Brier Creek Road, where it intersects Ingram Hill Road, remains closed from flooding.

TRAVIS DENEAL PHOTO



Mitigation Strategies

- **Goal 1: Lessen the impacts of hazards to new and existing infrastructure**
 - *Objective:* Retrofit critical facilities and structures with structural design practices and equipment that will withstand natural disasters and offer weather-proofing.
 - *Objective:* Equip public facilities and communities to guard against damage caused by secondary effects of hazards.
 - *Objective:* Minimize the amount of infrastructure exposed to hazards.
 - *Objective:* Evaluate and strengthen the communication and transportation abilities of emergency services throughout the county.
 - *Objective:* Improve emergency sheltering in Perry County.
- **Goal 2: Create new or revise existing plans/maps for Perry County**
 - *Objective:* Support compliance with the NFIP for each jurisdiction in Perry County.
 - *Objective:* Review and update existing, or create new, community plans and ordinances to support hazard mitigation.
 - *Objective:* Conduct new studies/research to profile hazards and follow up with mitigation strategies.
- **Goal 3: Develop long-term strategies to educate Perry County residents on the hazards**
 - *Objective:* Raise public awareness on hazard mitigation.
 - *Objective:* Improve education and training of emergency personnel and public officials.



Mitigation Strategies Highlights - Tornados / Severe Storms

Strategy	Priority	Proposed By
Construct additional community safe rooms. Provide jurisdiction-wide siren warning coverage. Install lightning detection system; Retrofit structures to withstand high winds.	High	Tamara Caffey-Bey and Arien Hermann (Regional Emergency Planning Coordinator) SPARC
Have a designated backup EOC, install backup power for primary EOC. Update/maintain list of temporary shelters	High	Multiple
The village has agreements with the local church to shelter those individuals who either need shelters or have inadequate structures to withstand the storms.	Medium	Dan Curry (Village of Cutler)
Adopt building codes to reduce damage from the impact of tornados. Retrofit critical facilities to reduce impact of a tornado/derecho.	Medium	Raymond D. Clark (Du Quoin EMA)
Review/update designated cooling/heating shelters	High	Multiple
Increase redundant infrastructure systems	High	Multiple



Mitigation Strategies Highlights - Earthquakes

Strategy	Priority	Proposed By
Plan for staff earthquake response to be included in EOP. Biennial review and training on hospital earthquake plan. Annual drill/education during "Great ShakeOut" day/month. Joint Commission and CMS standards	High	Melissa Sprenger (EMA Coordinator)
Coordinate the plan with the County to utilize their assets. Develop an emergency action plan. Encourage any new construction and upgrades to consider building to standards pertaining to earthquakes. Provide information to the public to increase awareness.	High	Jim Gielow (Pinckneyville Fire Chief)
Addition of another main water source to create redundancy for PCH.	High	Pinckneyville Community Hospital)
Install automatic shut off valves. Retrofit/Harden Critical Facilities to Protect Against Damages from Earthquakes.	High	Multiple



Mitigation Strategies Highlights - HazMat Release

Strategy	Priority	Proposed By
Identify local equipment/operators that could assist in a haz-mat situation. Coordinate with the County to have the plan that would coincide with theirs. Update emergency action plan. Work with all the fire departments in the County to develop a team that could respond quicker than other agencies from outside of the County so that initial actions could possibly minimize threats to the public. Develop a county wide haz-mat team.	Medium	Jim Gielow (Pinckneyville Fire Chief)
Develop and biennial review/update of HazMat emergency action plans. Conduct organizational or regional drills for staff training. Regional exercises usually conducted through Shawnee Preparedness and Response Coalition (SPARC). Joint Commission and CMS standards	High	Melissa Sprenger (EMA Coordinator)
Enhance safety by placing Hazmat placards on structures that use and maintain hazardous materials. Ensure that all first responders have the proper protection when responding to a known Hazmat spill or release.	Low	Dan Curry (village of Cutler)



Mitigation Strategies Highlights - Pandemic

Strategy	Priority	Proposed By
Build a robust strategic stockpile of medical and non-medical supplies. Implement non-pharmaceutical intervention programs to slow the spread of disease outbreak.	High	Tamara Caffey-Bey and Arien Hermann (Regional Emergency Planning Coordinator) SPARC
Develop/update plans for mass care situations Develop plan and mutual aid agreement for use of portable morgue Coordination of mass Vaccination sites Location strategies for PPE procurement and storage.	Medium	Multiple
Conversion of all inpatient rooms to negative pressure rooms. PCH is currently undergoing a study with our engineering consultants to study the feasibility of re-designing the air pressures and returns (and related cost), and is currently seeking funding to support this project from the county Covid-19 related funding. New rural health clinic is currently being constructed. Negative pressure rooms (3) are being added to the new rural health clinic that is under construction.	High	Pinckneyville Community Hospital)



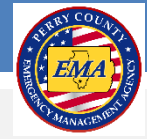
Mitigation Strategies Highlights - Cyberattacks

Strategy	Priority	Proposed By
Maintain the necessary security measures to lessen the chance of a cyberattack to the City's computer systems. Educate employees on computer security measures. Public awareness to cyberattacks and the resources available for prevention.	Medium	Jim Gielow (Pinckneyville Fire Chief)
Maintain the capability to ensure that the Alternate EOC has power and the computers are backed up with the protection in order to keep all records protected. Follow the guidelines by CISA to prevent data breach.	High	Dan Curry (Village of Cutler)
Prepare and adopt necessary policies and procedures to properly secure local networks for critical facilities. Training for employees on cyber-security and on actions that should be avoided that could lead to an intrusion on the local computer networks	High	Raymond D. Clark (Du Quoin EMA)



Mitigation Strategies Highlights - Utility Disruptions

Strategy	Priority	Proposed By
Continue to pursue funding for systems needing backup power generating capabilities	High	Multiple
Develop vulnerable population list that may be affected by a disruption or an outage. Update and encourage public to use the Empower site	High	Multiple
Train the population what to do if the power is disrupted, and how to keep warm during the winter and cool in the summer, the importance of generator and the proper use.	High	Dan Curry (Village of Cutler)
Develop Priority List of facilities that will need power restored first in emergencies	High	Multiple



Planning Team Discussion
