

Plan Evaluation and Program Maintenance

Community Planning, evaluation and program maintenance to the County Hazard Mitigation Plan are as follows:

May-June, 2007

Jurisdiction review and adopt approved mitigation plans by FEMA and State of Minnesota.

October, 2007-2011

County establishes a multi-department review committee to review the goals and implementation aspects of the plan. The Emergency Manager (or equivalent staff thereof) will coordinate with the multi-department committee a Hazard Mitigation Community Task Force for the purpose of reviewing and monitoring implementation progress.

Name	Title	Function
Morrel, Veryl	Land Use Administrator	County Level: Final Review of Plan
Salsbury, Scott	Land Use Planning/Mapping Consultant	County Level: Critical Facilities Maps
Walker, Randy	Emergency Management Coordinator	County Level & City Level: Mankato
Mack, Gloria	City Clerk	City Level: Amboy
Wills, Philip	Chief of Police	City Level: Eagle Lake
Reinbold, Rick	Public Works Director	City Level: Eagle Lake
Barnard, Cheryl	City Clerk and Treasurer	City Level: Good Thunder
Hauge, Robert	City Administrator	City Level: Lake Crystal
Moe, Jeff	Public Works Director	City Level: Madison Lake
Woodruff, Patty	City Administrator	City Level: Mapleton
Goodrich, Sarah	City Clerk	City Level: Pemberton
Krosch, Patricia	City Clerk	City Level: Vernon Center
Hermanson, Roger	Fire Chief	City Level: Skyline
Seys, Catherine	City Clerk	City Level: St. Clair
DeVlaeminck, Debra	City Clerk and Treasurer	City Level: Madison Lake
Bonkowske, Troy	Region Nine Employee	Staff: Plan Organizer
Noerenberg, Jon	Region Nine Employee	Staff: Plan Organizer
Havelly, Ryan	Minnesota State University	Staff: Editor
Huettl, Jerry	Director of Public Safety	City Level: Mankato

May-June, 2008

Annual Review Meeting reminder notices and surveys will be sent to community officials to update progress and offer assistance to communities, if needed. The purpose of this is to prompt jurisdictions to take action and assess the progress of those actions. During this time jurisdictions may identify the impact of hazards on new facilities.

July, 2008-2012

The County would call Annual Review Meeting for the Hazard Mitigation Community Task Force. In addition to task force notification, this meeting would be posted at city halls, county courthouse, and websites to notify the public of the meeting.

At this meeting, members will discuss in more detail the development of mitigating hazards, action steps taken over the 12 month period). Initial ideas would be included in a two page, progress report to review and revise criteria of mitigating hazards, which would be forwarded back to all jurisdictions within the county.

Each entity’s regulating authorities will consider adoption of plan revisions made at the Annual meeting. Cities will have reviews and conduct revisions with their Planning Commissions and City Council. The Blue Earth County Emergency Manager and Administrator (or equivalent staff position) would forward Plan revisions to appropriate departments (i.e., Public Works, Sheriffs, Faculties and Health). Ultimately, the County Board considers final revisions to the Plan. Applicable plans such as zoning ordinances, lakeshore ordinances, building codes, staff development plans, and waste water treatment policies will be amended to incorporated related changes. These amendments will be handled by local government entities (city council, planning commissions) at the city level. Blue Earth County officials, as well as city-level officials within the county, will be responsible for the integration of this All-Hazard Mitigation Plan into other applicable plans or planning mechanisms that they may already maintain or may be currently undertaking

The County, cities and region will also use their website for general updates to the public. Newsletters and public meetings would also be considered with the same intentions.

Five-Year Update

The above-mentioned process would allow the county and jurisdictions within to modify and document changes in the plan annually. Toward the end of each year those revisions can be rolled into an ongoing five-year update planning process. Region Nine Development Commission will be responsible for these updates to the Blue Earth County All-Hazard Mitigation Plan, and Region Nine staff will work with Blue Earth County emergency management staff on five-year plan updates. The five-year update planning process would culminate with public presentations and jurisdiction adoptions at city-level meetings, likely to be city council meetings in most jurisdictions. Additionally, city and county comprehensive plans will be amended during simultaneous five-year reviews.

In order to keep the public engaged and informed with Hazard Mitigation efforts the following methods will continue to be employed:

Number	Public Communication/Engagement Method	Comments
A.	County Website	Plans were used by some counties on their website. Blue Earth County did not have the plan on their site. However, all jurisdictions in the County will be able to have a plan on their website or link to the county or region website.
B.	Newspaper	Public notices or press releases were completed to inform the public of information sessions during the planning process.
C.	Information Meetings	Information meetings were conducted in order to provide an opportunity for the public to hear and comment on the plan/plan process.
D.	Task Force	A diverse group of professionals were coordinated in order to help develop, review and comment on the plan. Two representatives from the general public will be added to the task force to increase citizen participation.

E.	Board Public Meetings	Elected officials passed resolutions to participate, which the general public were welcomed. This was another opportunity to provide information to those who might not use the website or unable to attend a specific meeting.
F.	Flyers	Information pieces were developed and distributed to educate the public and professionals on hazard mitigation planning and process.
G.	Brochures	Information pieces were developed and distributed to educate the public and professionals on hazard mitigation planning and process.
H.	City Websites	Plans were used by jurisdictions on their websites, but none in Blue Earth County. However, all jurisdictions in the County will be able to have a plan on their website or link to the county or region website.
I.	Region Website	Plans were made available on Region Nine's website including steps during the planning process. Therefore, the public could access the draft plan and gather information on steps in the planning process.

Appendices

Appendices to the Blue Earth County All-Hazard Mitigation Plan include returned community questionnaires, inventories of emergency response capabilities, and the full set of Blue County informational maps as prepared by and/or for Region Nine Development Commission.

Blue Earth County

Hazards:

1. Tornadoes – environmental and human impact
2. Floods – environment, human and economic (possible)
3. Biological or chemical attacks – environment and human impact
4. Nuclear Attack – physical, environmental, economic and human impact
5. Power Plant (attack/failure) – environment and economic impact
6. Institutions (i.e. medical, retail, or higher education) Attack – human and economic impact
7. Fiber Optic Cables (sabotage/failure) – economic impact

Priority Hazards:

1. Power Plants (Wilmarth and Calpine)
2. Medical Facility (Immanuel St. Joseph)
3. Electrical Substations and Pipelines

Mitigation Steps:

Power Plants (Wilmarth and Calpine)

- The County shall ensure security at the appropriate to threat level for the hazard
- Education of hazard mitigation steps shall be provided to all management and appropriate staff
- Regulate zoning and building permits to reduce immediate risks of intermingling human traffic.
- Properly post warning and danger signage
- Develop contingency plans should an event occur

Medical Facility (Immanuel St. Joseph)

- The medical facility shall ensure security at the appropriate to threat level for the hazard. The County Emergency Manager's Office may provide technical assistance for assessment of security level appropriateness.
- Education of hazard mitigation steps shall be provided to all management and appropriate staff
- Regulate zoning and building permits to reduce immediate risks of intermingling human traffic.
- Develop contingency plans should an event occur

Electrical Substations and Pipelines

- Ensure adequate and accurate mapping is completed and accessible by emergency responders

- All new development shall consider hazard mitigation measures (i.e. location, line joints, cut-off valve location, etc.)
- Properly post warning and danger signage
- Develop contingency plans should an event occur

City of Amboy

Gloria Mack, City Clerk

P.O. Box 250

Amboy, MN 56010

PH: 507.674.3018 FX: 507.674.3931

1. Has your city adopted the Minnesota State Building Code?

No

2. What hazards concern your community the most and why?

Heavy rains – heavy rains cause street flooding and sewer backups. We are at the intersection and of Hwy 160 & 30, lots of material comes through thunderstorms after having heavy rains and flooding.

Hazardous materials

Thunderstorms

Tornadoes – can desecrate a community causing much damage

Winter storms – can close roads and cause power outages causing anything from minor irritation to major difficulties for residents.

3. What equipment does your city have that can be used in the event of a disaster?

4. How many full-time and part-time police officers does your city have?

We contract with the public safety department of Amboy and Vernon Center. The public safety department has one full time and 3-5 part time

5. How many homes and business in your city are located in the 100-year floodplain?

None

6. What bridges and/or streets in your city are vulnerable to flooding?

Bridges and streets usually don't flood unless very heavy downpour and then only because catch basins can't handle volume of water.

7. What public education and outreach programs dealing with disaster awareness, safety and preparedness are available to your city residents?

We don't organize any programs for residents.

What departments and/or agencies are responsible for the organization of these programs?

8. What type of act or terrorism concerns your city the most and why?

Agricultural – we have a very agricultural setting (lots of large hog farms as well as crops growers)

Biological – terrorism can also be an important consideration

Chemical

Infrastructure – Our infrastructure could also be a target for biological or chemical terrorism

City of Amboy
Summary of Potential Hazards

Contact: Gloria Mack
Ph: 507.674.3018

1. Heavy rains, thunderstorms, hail, high winds

Flooding of streets and homes, sewer backups, damage to property

Category: Combination

Vulnerability: Medium Risk

Potential Impact: Low

2. Hazardous materials

Hazardous materials / chemicals could endanger public health, safety, welfare

Category: Human

Vulnerability: Low Risk

Potential Impact: Low

3. Tornadoes

Damage and destruction of property, personal injury, loss of life

Category: Combination

Vulnerability: High Risk

Potential Impact: Medium

4. Fires / explosions

Injuries, loss of life and property

Category: Combination

Vulnerability: Medium Risk

Potential Impact: Low

5. Terrorism (both against property and people)

Disruption of city services (water/sewer), injuries and death

Category: Combination

Vulnerability: Low Risk

Potential Impact: High

6. Winter storms

Loss of electrical service, blocked roads affect public safety/welfare

Category: Combination

Vulnerability: Medium Risk

Potential Impact: Medium

Priority Hazards and Steps

1. Hazard: Heavy rains

Steps: Work on city's infrastructure to reduce sources of I & I that result in sewer backups.

2. Hazard: Fire / explosions

Steps: Make sure fire department personnel are trained to handle these situations and have property equipment to respond. Keep up mutual aid agreements.

3. Hazard: Terrorism

Steps: Look at ways to increase security at city facilities. May include installing additional lighting, alarm systems, updating city facilities. Also work with school to make sure emergency response plans are current.

City of Eagle Lake

Phillip Wills, Chief of Police; Rick Reinbold, Public Works Director
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Eagle Lake, MN 56024
PH: 507.257.3218 FX:
Email: eaglelk@hickorytech.net

1. Has your city adopted the Minnesota State Building Code?

Yes

2. What hazards concern your community the most and why?

Tornadoes and winter storms

These are the most prevalent hazards that impact our community. These hazards would be by far the most devastating and hardest to deal with. If a tornado struck our community, we do not have the facilities to deal with the people who are left without shelter.

3. What equipment does your city have that can be used in the event of a disaster?

(2) 2 ton trucks with dump boxes and plows

(1) tractor with back blade, bucket and forks

(1) brush chipper

(2) pumper trucks

(1) grass rig with pumper

(1) rescue van

(1) set of Hurst extraction tools

4. How many full-time and part-time police officers does your city have?

Full time – 3

Part time - 4

5. How many homes and business in your city are located in the 100-year floodplain?

None

6. What bridges and/or streets in your city are vulnerable to flooding?

Plainview Street is subject to flooding because there is not storm sewer in place so therefore it drains overland to a retention pond where it is held for a while and the sediment is allowed to settle to the bottom before it drains into wetland.

7. What public education and outreach programs dealing with disaster awareness, safety and preparedness are available to your city residents?

The volunteer fire department does deal with public education on fires and safety in the community.

8. What type of act or terrorism concerns your city the most and why?

Terrorism - concerns with terrorism are not high with the city. The only one that would be applicable would be damage to our water treatment supply and waste water system.

Domestic – we do not have a very diverse community. We are not a prime target for any of the other options listed. All main concerns come from our own community and surrounding area.

City of Eagle Lake Summary of Potential Hazards

Contact: Rick Reinbold
Ph: 507.257.3218

1. Tornado, High Winds, Ice Storms (weather)

Water tower, wells, wastewater plant, fire department, homes, electrical

Category: Human, Physical

Vulnerability: High Risk

Potential Impact: High

2. Explosions, Gas line

Residential around pipeline

Category: Physical

Vulnerability: High Risk

Potential Impact: High

3. Fire (downtown)

Limited personnel, buildings in area

Category: Combination

Vulnerability: High Risk

Potential Impact: High

4. Vandalism (wells or wastewater plant)

No water for residents or sewer output

Category: Physical

Vulnerability: High Risk

Potential Impact: High

Priority Hazards and Steps

1. Hazard: Weather

Steps: Mitigation – fire department has spotters to alert police and city personnel.

2. Hazard: Explosions

Steps: Mitigation – fire department notification of personnel, evacuation, routine inspections.