

GOODHUE COUNTY ALL HAZARD MITIGATION PLAN *Update*



FEMA



MATERIALS

- Agenda
- Website Address
- Contact Information
- Worksheets
- FEMA Grant Information
- Public Meeting Announcements

Disaster Mitigation Act of 2000

Amended The Robert T. Stafford Disaster Relief and Emergency Assistance Act

- Requires local government plan in order to apply for and/or receive project grants from:
 - Hazard Mitigation Grant Program
 - Pre-Disaster Mitigation Program
 - Flood Mitigation Assistance
 - Severe Repetitive Loss

MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

- Jointly prepared by multiple jurisdictions
- Jurisdiction = Local Government
 - “any county, municipality, town, township, public authority, school district, special district, intrastate district, council of governments, regional or interstate government entity, or agency or instrumentality of a local government; and Indian tribe or authorized tribal organization, or Alaska Native village or organization; and any rural community, unincorporated town or village, or other public entity”
 - *Title 44 Part 201 Mitigation Planning*

JURISDICTION PARTICIPATION

- Participation in planning process
 - Meeting attendance
 - Worksheet completion
 - Assistance with research
- Adoption of plan by jurisdiction

GOODHUE COUNTY ALL HAZARD MITIGATION PLAN

PURPOSE: Reduce or eliminate loss of life and property damage resulting from natural, technological, and human-caused hazards

- First drafted in 2003 and adopted in 2005
- Updated every 5 years

UPDATE

- Demonstrate progress
- Review and update each section
- Discuss results of evaluation and monitoring plans
- Stand alone plan

TIMELINE

Summer 2009 Update plan

Fall 2009 Submit draft to state and FEMA
for review prior to adoption

“approval pending adoption”

Early 2010 Adoption by local jurisdictions

Mid 2010 Final approval of plan by FEMA

TECHNICAL COMMITTEE

- Diane Richter-Biwer - *Director, Office of Emergency Management*
- Sarah Schrader - *GIS Specialist, Goodhue County*
- Lisa Hanni – *L.S. Director / County Surveyor, Goodhue County*
- Michael Wozniak – *Planning Supervisor, Goodhue County*
- Doug Morem – *County Building Official, Goodhue County*
- Greta Bernatz - *GIS / OEM Intern, Goodhue County*

POLICY COMMITTEE

- Jurisdiction Representatives
- Goodhue County Red Cross

Identify and Profile Hazards

```
graph TD; A[Identify and Profile Hazards] --> B[Assess Vulnerability]; B --> C[Set Mitigation Goals]; C --> D[Identify Mitigation Strategies]; D --> E[Prioritize and Implement Strategies]; E --> F[Monitor, Evaluate, Update];
```

Assess Vulnerability

Set Mitigation Goals

Identify Mitigation Strategies

Prioritize and Implement
Strategies

Monitor, Evaluate, Update

**Identify
and Profile
Hazards**

Assess
Vulnerability

Set Mitigation
Goals

Identify
Mitigation
Strategies

Prioritize and
Implement
Strategies

Monitor,
Evaluate,
Update

Requirements:

Description of location of all hazards



Magnitude / Severity of hazard



Information on previous occurrences

Probability of future events



Identify and Profile Hazards

Assess Vulnerability

Set Mitigation Goals

Identify Mitigation Strategies

Prioritize and Implement Strategies

Monitor, Evaluate, Update

Requirement:



Description of the jurisdiction's vulnerability to the hazards described

Types of structures affected by the hazards



Hazard's impact on structures

Describe types and estimate numbers of *repetitive loss properties* located in identified flood hazard areas

Identify and
Profile
Hazards

Assess
Vulnerability

**Set
Mitigation
Goals**

Identify
Mitigation
Strategies

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Requirement:



Description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards

General and usually long-term
Based on findings of risk assessment
Objectives can be more specific

Identify and
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Hazards

Assess
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**Identify
Mitigation
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Requirement:

Identify and analyze a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard

- with particular emphasis on new and existing buildings and infrastructure



Note: Each jurisdiction must have at least one mitigation action for FEMA to approve plan for adoption at local jurisdiction

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Requirement:



Action plan describing how actions (strategies) will be prioritized, implemented, and administered by the local jurisdiction

- special emphasis on extent to which benefits are maximized according to cost benefit review

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Requirement: Discussion on how the community will continue public participation in the plan maintenance process



RESOURCES

- Existing Document Worksheet
 - County copy - turn in today if possible (or by July 6)
 - Jurisdiction copy – turn in later
- Website
 - <http://www.co.goodhue.mn.us/departments/oem/AllHazardMitigationPlan.aspx>
 - Existing Plan – updates as available
 - Blank Worksheets
 - Completed Worksheet Examples
 - Posters and Maps
 - Presentations, Agendas, Minutes
 - FEMA Hazard Mitigation Assistance Program Information
 - Contact Information

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Assess Vulnerability

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Identify Mitigation Strategies

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Monitor, Evaluate, Update

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NATURAL HAZARDS:

Flood

Tornado

Hail

Erosion

Blizzard

Landslide

Sinkholes & Land
Subsidence

Earthquake

Drought

Wildfire

Extreme Temperatures

Lightning

Windstorm

Infectious Disease

Thunderstorm

(Severe Storm)

Ice & Sleet

Solar Storm

Crop Disaster

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TECHNOLOGICAL HAZARDS:

Dam & Levee Failure

Structural Fire

Water Supply Contamination

Hazardous Materials

Nuclear / Radiological Accidents

Infrastructure Failure

Train Derailment

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TERRORISM HAZARDS:

Meth Labs

Arson

School Violence

WMD Terrorism

Explosives

Biological

Chemical

Agricultural / Economic
Attack

Hostage / Barricade

Workplace Violence

Sabotage

Extortion / Threats

Civil Unrest

Community Violence
(Extremist)

Cyber Attack

(Denial of Service)

Infrastructure Disruption

Food-Water Contamination

Explosive Devices (Bombs)

Intentional HAZAMAT Incident

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HAZARD RANK WORKSHEET (yellow):

- ✓ Specific to you jurisdiction
- ✓ High, Medium, Low definitions provided
- ✓ Rank Probability
- ✓ Rank Damage Potential
- ✓ Complete today if possible (or by July 6)
- ✓ Questions?

<BREAK>

- Complete Existing Document Worksheet
 - County Copy
- Complete Hazard Rank Worksheet
- Collaborate with other jurisdictions
- Brainstorm mitigation goals and strategies

Identify and Profile Hazards



Assess Vulnerability



Set Mitigation Goals



Identify Mitigation Strategies



Prioritize and Implement
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Monitor, Evaluate, Update

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Buildings
Critical Facilities
Transportation Systems
Lifeline Utility Systems
Communication Systems
High Potential Loss Facilities
Hazardous Material Facilities
Economic Elements
Special Consideration Areas
Historical, Cultural, and Natural Resource Areas

Any suggestions
or specific
concerns?



Identify and Profile Hazards



Assess Vulnerability



Set Mitigation Goals



Identify Mitigation Strategies



Prioritize and Implement
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REVIEW 2003 GOALS

IDEAS FOR NEW GOALS?



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Set Mitigation Goals



Identify Mitigation Strategies



Prioritize and Implement
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Status of 2005 Projects:

Mitigation Project Status Report Worksheet (green)
(not all jurisdictions have one)



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IDEAS FOR NEW MITIGATION STRATEGIES?

Prevention

Property Protection

Public Education & Awareness

Natural Resource Protection

Emergency Services Measures

Structural Projects

IDENTIFY RESPONSIBLE JURISDICTION

Note: Each jurisdiction must have at least one mitigation action for FEMA to approve plan for adoption at local jurisdiction

Identify and Profile Hazards



Assess Vulnerability



Set Mitigation Goals



Identify Mitigation Strategies



**Prioritize and Implement
Strategies**



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For each project your jurisdiction is responsible for:

Strategy Implementation Plan Worksheet (blue)
- Including Cost/Benefit Review



*This is a great time to use
existing documents.*

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Set Mitigation Goals



Identify Mitigation Strategies



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Ideas for how the community will continue public participation in the plan maintenance process?



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THANK YOU!

July 30th, 2009: Public Open House

7:00-8:30pm

Zumbrota City Hall – City Council Room
175 West Avenue
Zumbrota, MN 55992

August 27th, 2009: Public Meeting

7:00-8:30pm

Zumbrota City Hall – City Council Room
175 West Avenue
Zumbrota, MN 55992



FEMA

