

# GOODHUE COUNTY ALL HAZARD MITIGATION PLAN *Update*



FEMA



# 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

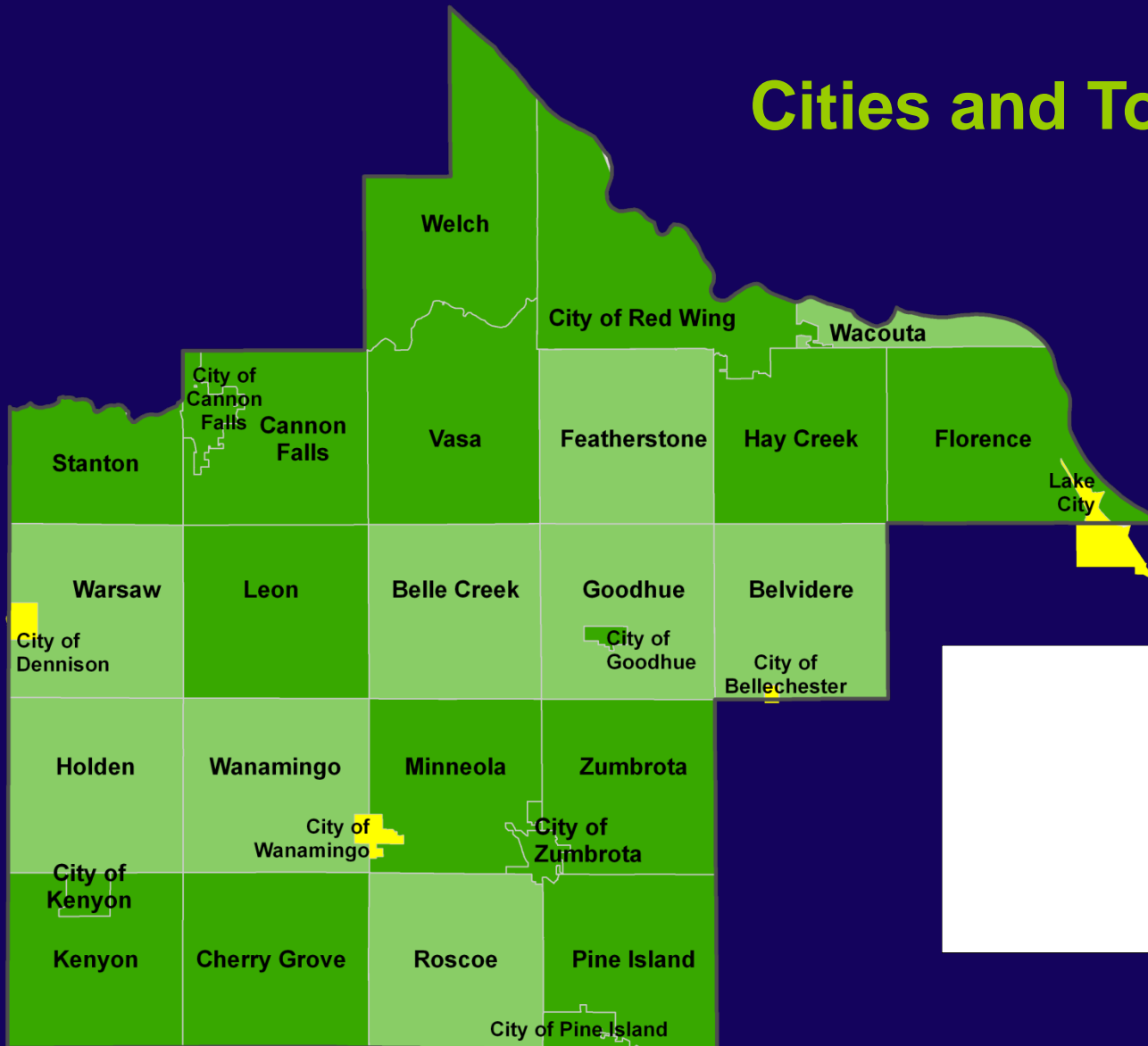
- Demonstrate progress
- Review and update each section
- Discuss results of evaluation and monitoring plans
- Stand alone plan

# TIMELINE

- Summer 2009 Update plan
- September 2009 Review of draft at open house
- Oct/Nov 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

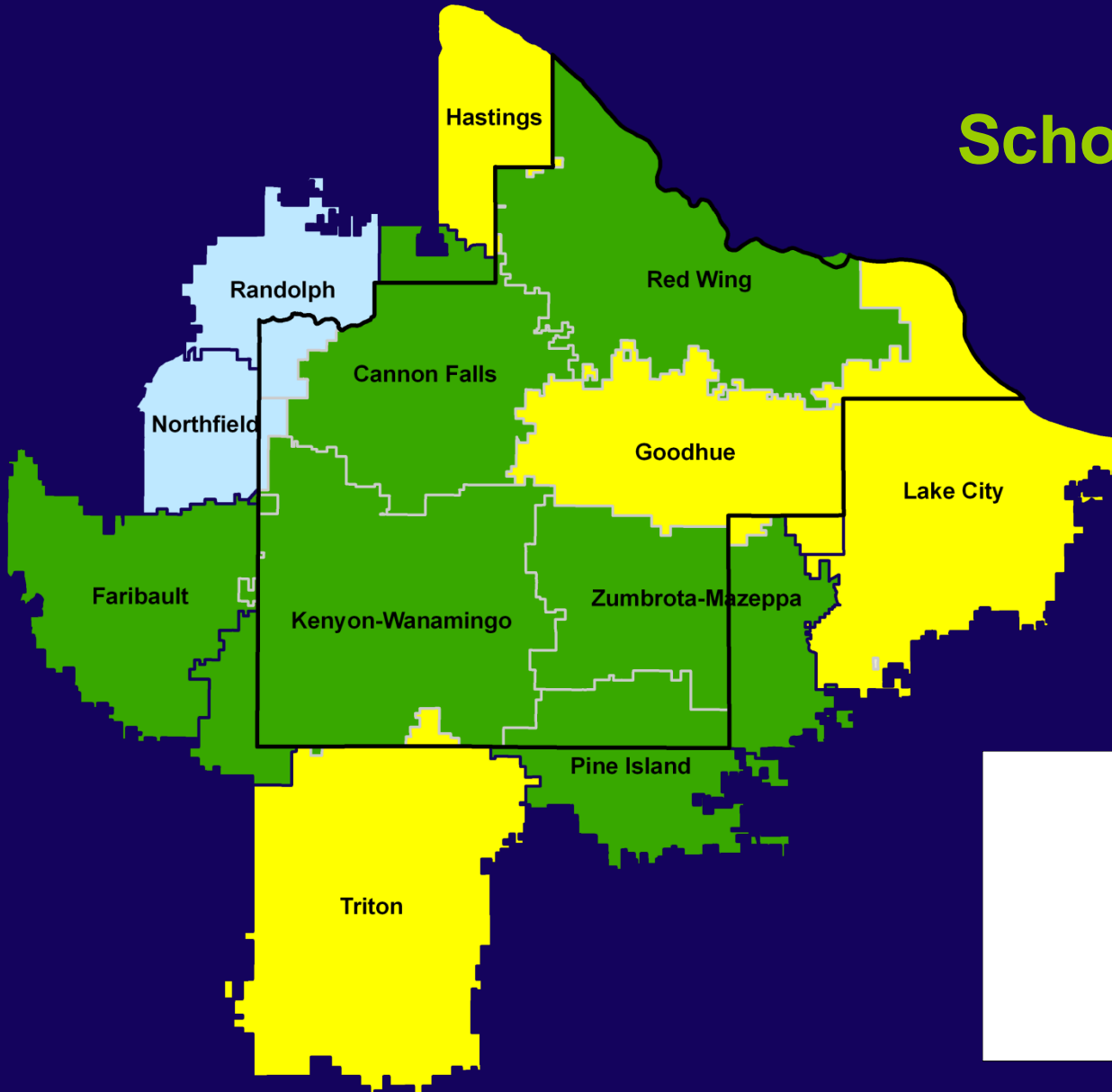
# PARTICIPANTS

## Cities and Townships



# PARTICIPANTS

## School Districts



# PARTICIPANTS

## ***Also:***

Prairie Island Tribal Community

Goodhue County Cooperative Electric Association

Goodhue County Red Cross

Goodhue County Departments and Agencies

The Public

Identify and Profile Hazards



Assess Vulnerability



Set Mitigation Goals



Identify Mitigation Strategies



Prioritize and Implement  
Strategies



Monitor, Evaluate, Update

# 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  
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Identify  
Mitigation  
Strategies

Prioritize and  
Implement  
Strategies

Monitor,  
Evaluate,  
Update

## **STATUS:**

Updating hazard profiles

**17 Hazard Rank worksheets returned**  
*(Hazard probability column)*



# TECHNOLOGICAL HAZARDS

Hazard	City of Cannon Falls	City of Goodhue	City of Kenyon	City of Pine Island	City of Zumbrota	GCCEA	Goodhue County Red Cross	Prairie Island Tribal Community	SD, Kenyon/Wanamingo #2172	SD, Pine Island #255	SD, Red Wing #256	SD, Zumbrota/Mazeppa #2805	Township, Hay Creek	Township, Minneola	Township, Pine Island	Township, Vasa	Township, Zumbrota
Dam & Levee Failure	M	L	NA	L	L	L	L	M	L	L	L	L	L	M	L	NA	L
Structural Fire	M	M	L	L	L	M	H	M	L	L	L	L	M	L	M	L	M
Water Supply Contamination	L	M	L	L	L	L	L	M	L	L	L	L	L	L	M	L	L
Hazardous Materials	M	M	L	L	L	L	L	H	L	L	L	L	M	L	L	L	M
Nuclear / Radiological Accidents	L	L	NA	L	L	L	L	H	L	L	L	L	L	L	L	NA	L
Infrastructure Failure	L	M	L	L	L	L	L	M	M	L	L	L	M	L	L	L	H
Train Derailment	L	L	NA	L	L	L	L	H	L	L	L	L	L	L	L	NA	L



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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Hazards

**Assess  
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## STATUS:

Updating vulnerability assessment

17 Hazard Rank worksheets returned  
(*Damage Potential column*)



Identify and Profile Hazards



Assess Vulnerability



**Set Mitigation Goals**



Identify Mitigation Strategies



Prioritize and Implement  
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## REVIEW OF 2005 GOALS

### STATUS:

18 Completed Surveys

Updated list of goals with suggestions

- 1 goal removed so far



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## NEW GOALS

### STATUS:

~ 27 new goals suggested (*Jurisdictions, Survey, Open House, adopted from Water Plan*)



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Assess Vulnerability



Set Mitigation Goals



**Identify Mitigation Strategies**



Prioritize and Implement  
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## Status of 2005 Projects

### **STATUS:**

16 Mitigation Project Status Reports returned  
*- Information recorded in Plan*



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## IDEAS FOR NEW MITIGATION STRATEGIES

### STATUS:

7 Project Implementation Forms returned

39 Projects adopted from County Water Plan  
*- include implementation plan*

22 New project ideas from various sources  
(Survey, Open House)  
*– no implementation plan yet*

Identify and Profile Hazards



Assess Vulnerability



Set Mitigation Goals



Identify Mitigation Strategies



**Prioritize and Implement  
Strategies**



Monitor, Evaluate, Update

Identify and  
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**Prioritize &  
Implement  
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Monitor,  
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## **STATUS:**

7 Project Implementation Forms returned  
*- 4 with Cost/Benefit completed*

## **PLAN B:**

## **Alternative Priority Ranking Method**

*(Still need Project Implementation Form)*



# FEMA GRANT INFO

## FEMA Assistance Programs:

- Hazard Mitigation Grant Program
- Pre-Disaster Mitigation Program
- Flood Mitigation Assistance
- Repetitive Flood Claims
- Severe Repetitive Loss

**Project needs to be identified in Hazard Mitigation Plan\***

**Complete information (including application instructions) available at:**

<http://www.fema.gov/library/viewRecord.do?id=3649>

(also link on [Hazard Mitigation Website](#))

## FEMA MITIGATION GRANT PROGRAMS

### ELIGIBLE ACTIVITIES

	HMGP	PDM	FMA	RFC	SRL
<b>1. Mitigation Projects</b>	Y	Y	Y	Y	Y
Property Acquisition and Structure Demolition	Y	Y	Y	Y	Y
Property Acquisition and Structure Relocation	Y	Y	Y	Y	Y
Structure Elevation	Y	Y	Y	Y	Y
Mitigation Reconstruction					Y
Dry Floodproofing of Historic Residential Structures	Y	Y	Y	Y	Y
Dry Floodproofing of Non-residential Structures	Y	Y	Y	Y	
Minor Localized Flood Reduction Projects	Y	Y	Y	Y	Y
Structural Retrofitting of Existing Buildings	Y	Y			
Non-structural Retrofitting of Existing Buildings and Facilities	Y	Y			
Safe Room Construction	Y	Y			
Infrastructure Retrofit	Y	Y			
Soil Stabilization	Y	Y			
Wildfire Mitigation	Y	Y			
Post-Disaster Code Enforcement	Y				
5% Initiative Projects	Y				
<b>2. Hazard Mitigation Planning</b>	Y	Y	Y		
<b>3. Management Costs</b>	Y	Y	Y	Y	Y

# FEMA GRANT INFO

**Document all damages resulting from hazards**

*- show repetitive events*

**Needs to pass Cost/Benefit analysis**

*- consider maintenance costs*

**No penalty for not completing a project identified in  
Hazard Mitigation Plan**

**Other funding sources exist for some projects that  
are not eligible for FEMA mitigation programs**

# GOODHUE COUNTY ALL HAZARD MITIGATION PLAN *Update*

# THANK YOU

**August 27th, 2009: Public Meeting**

7:00-8:30pm

Zumbrota City Hall – City Council Room

175 West Avenue

Zumbrota, MN 55992



# FEMA

