



FEMA

Risk MAP: Wolf River Watershed Floodplain Update

FEMA Region V

Watershed Map Update Kick-Off Meeting
October 10, 2023

RiskMAP
Increasing Resilience Together



Meeting Agenda

- **Introductions**
- **Risk MAP Overview**
- **Watershed Map Update Project Scope**
- **NFIP Overview**
- **Mitigation Overview**
- **Individual questions/discussion**
- **Close**

Introductions

- **Zoom reminder**

- **Risk MAP Project Team, Wisconsin Department of Natural Resources (WDNR)**
 - Fritz Statz- Project Lead
 - Chris Olds - Floodplain Engineer
 - Emily Szajna – Cooperating Technical Partner (CTP) Coordinator
 - Sarah Rafajko – NFIP (National Flood Insurance Program) Coordinator
 - Ryan Pichler – Regional Engineer, Outagamie County
 - Hanna Johnson – Regional Engineer, Waupaca County

- **Wisconsin Emergency Management (WEM)**
 - Heather Thole– State Hazard Mitigation Officer

Introductions

- **Federal Emergency Management Agency (FEMA)**
 - Munib Ahmad – Region V Engineer
 - Gabriel Jackson – Region V Senior NFIP Specialist
 - Meghan Cuneo – Region V Community Planner

The Vision for Risk MAP

FEMA's Risk Mapping, Assessment, and Planning (Risk MAP) program involves collaboration with State, Local, and Tribal entities to deliver quality data that increases public awareness and leads to action that reduces risk to life and property



Countywide Map Update Timeline

Wolf River Watershed

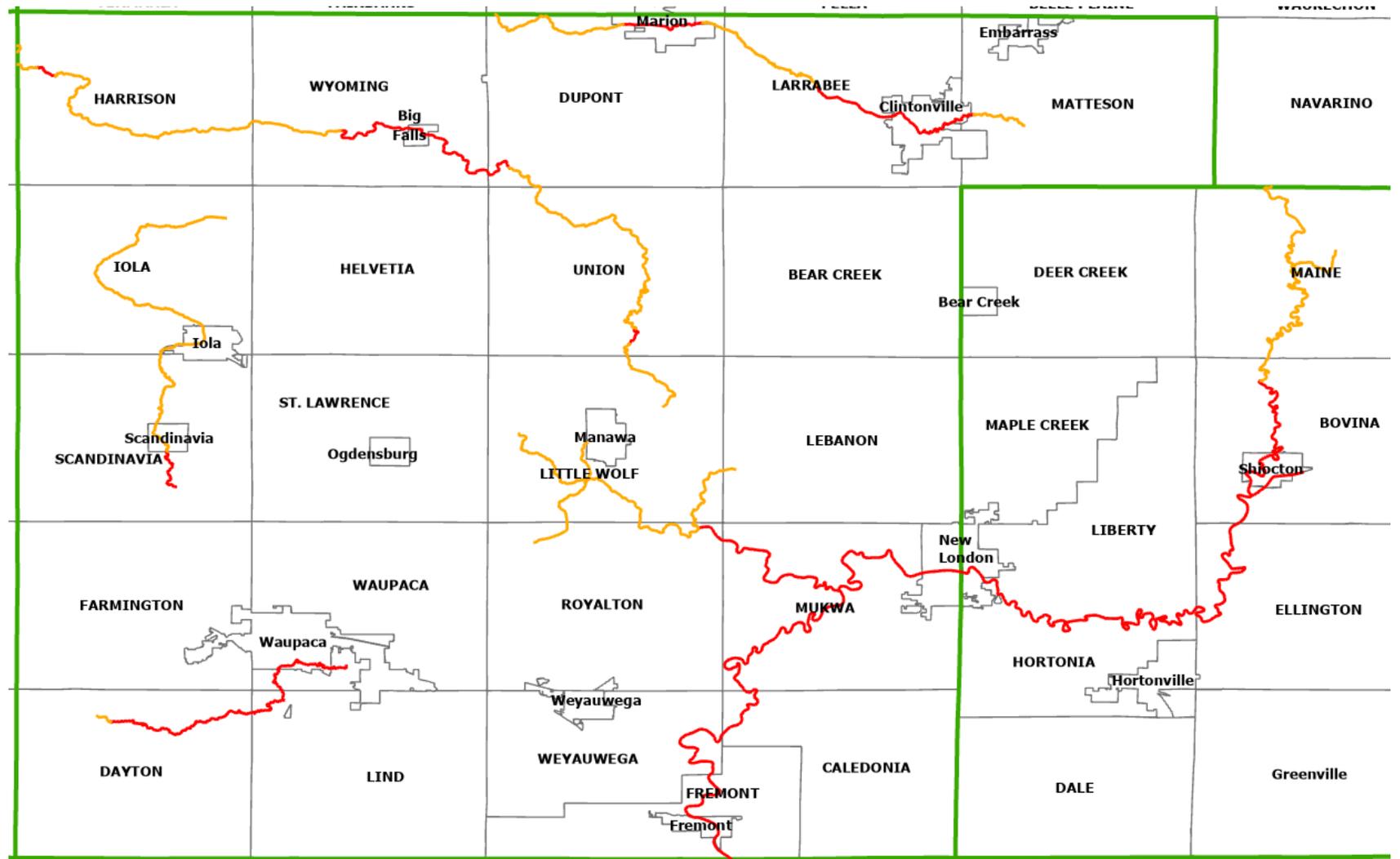
- **January 20, 2010: Waupaca Current Effective Mapping**
 - Countywide Map Modernization Project
- **July 22, 2010: Outagamie Current Effective Mapping**
 - Countywide Map Modernization Project
- **February 4 & 5, 2015: Discovery Meetings**
 - Discussions on mapping needs
- **October 10, 2023: Kick-off Meeting**
 - Revisions to zone A and AE studies
- **Estimated early 2027: Flood Risk Review Meeting**
 - Hydraulic Modeling Completed, draft data made available to community officials
- **Future efforts (yet to be funded) would include preliminary and final countywide FIRMS**

Countywide Map Update: Wolf River Watershed

- **Areas on the existing Flood Insurance Rate Maps (FIRMs) will be updated. Goals are to:**
 - Incorporate updated topographic data
 - Update current floodplain studies where needs were identified in discovery or where current studies are no longer valid.
 - Share updated work map products digitally with communities to identify potential issues prior to preliminary mapping.

Studied Streams

- Updated approximate (Zone A) streams : 90.9 miles 
- Updated detailed (Zone AE) streams: 94.8 miles 



Work map example



FLOOD HAZARD INFORMATION

SPECIAL FLOOD HAZARD AREAS

- Zone A** Special Flood Hazard Area (SFHA)
- Zone X** Special Flood Hazard Area (SFHA)
- Zone V** Special Flood Hazard Area (SFHA)
- Zone VE** Special Flood Hazard Area (SFHA)
- Zone V1** Special Flood Hazard Area (SFHA)
- Zone V2** Special Flood Hazard Area (SFHA)
- Zone V3** Special Flood Hazard Area (SFHA)
- Zone V4** Special Flood Hazard Area (SFHA)
- Zone V5** Special Flood Hazard Area (SFHA)
- Zone V6** Special Flood Hazard Area (SFHA)
- Zone V7** Special Flood Hazard Area (SFHA)
- Zone V8** Special Flood Hazard Area (SFHA)
- Zone V9** Special Flood Hazard Area (SFHA)
- Zone V10** Special Flood Hazard Area (SFHA)
- Zone V11** Special Flood Hazard Area (SFHA)
- Zone V12** Special Flood Hazard Area (SFHA)
- Zone V13** Special Flood Hazard Area (SFHA)
- Zone V14** Special Flood Hazard Area (SFHA)
- Zone V15** Special Flood Hazard Area (SFHA)
- Zone V16** Special Flood Hazard Area (SFHA)
- Zone V17** Special Flood Hazard Area (SFHA)
- Zone V18** Special Flood Hazard Area (SFHA)
- Zone V19** Special Flood Hazard Area (SFHA)
- Zone V20** Special Flood Hazard Area (SFHA)

OTHER AREAS OF FLOOD HAZARD

- Zone A** Area of Undetermined Flood Hazard
- Zone X** Area of Undetermined Flood Hazard
- Zone V** Area of Undetermined Flood Hazard
- Zone VE** Area of Undetermined Flood Hazard
- Zone V1** Area of Undetermined Flood Hazard
- Zone V2** Area of Undetermined Flood Hazard
- Zone V3** Area of Undetermined Flood Hazard
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- Zone V18** Area of Undetermined Flood Hazard
- Zone V19** Area of Undetermined Flood Hazard
- Zone V20** Area of Undetermined Flood Hazard

OTHER AREAS

- Channel, Culvert, or Storm Sewer**
- Levee, Dike, or Floodwall**
- Group Sections with 1% Annual Chance Water Surface Elevation**
- Group Sections with 1% Annual Chance General Flooded**
- Group Sections with 1% Annual Chance General Flooded Shaded**
- Group Sections with 1% Annual Chance General Flooded Dotted**
- Group Sections with 1% Annual Chance General Flooded Dashed**
- Group Sections with 1% Annual Chance General Flooded Solid**
- Group Sections with 1% Annual Chance General Flooded Stippled**
- Group Sections with 1% Annual Chance General Flooded Cross-hatched**
- Group Sections with 1% Annual Chance General Flooded Diagonal**
- Group Sections with 1% Annual Chance General Flooded Horizontal**
- Group Sections with 1% Annual Chance General Flooded Vertical**
- Group Sections with 1% Annual Chance General Flooded Wavy**
- Group Sections with 1% Annual Chance General Flooded Zigzag**
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OTHER FEATURES

- Base Flood Elevation Line (BFE)**
- Limit of Study**
- Jurisdiction Boundary**

NOTES TO USERS

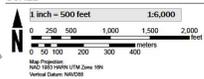
For information and questions about the Draft Flood Insurance Rate Map (FIRM), please contact the Flood Insurance Study (FIS) project manager at the following address: 1000 Wisconsin Street, Langlade County, WI 54456. For more information, please visit the FEMA website at www.fema.gov.

This document is a draft and is not to be used for insurance purposes. It is for informational purposes only. The final FIRM will be published in the future.

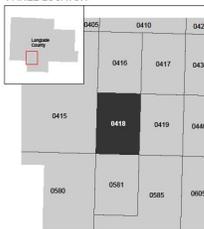
The information shown on this map is based on the best available data. FEMA does not warrant the accuracy or completeness of the information shown on this map. FEMA is not responsible for any errors or omissions on this map.

Some Special Flood Hazard Areas (SFHAs) are shown on this map. These areas are based on the best available data. FEMA does not warrant the accuracy or completeness of the information shown on this map. FEMA is not responsible for any errors or omissions on this map.

SCALE



PANEL LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM
DRAFT FLOOD INSURANCE RATE MAP

LANGLADE COUNTY WISCONSIN AND INCORPORATED AREAS

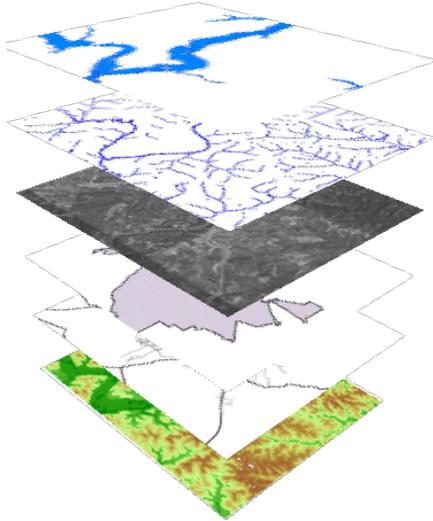
Project Contents:

| COMMUNITY | NUMBER | PANEL | SHEET |
|----------------------|--------|-------|-------|
| CITY OF ANTON | 0042 | 0418 | 2 |
| UNINCORPORATED AREAS | 0043 | 0419 | 2 |

MAP NUMBER: 569070402
EFFECTIVE DATE: 02/27/2023
Draft Panel Created: 02/27/2023

What data are we looking for from you?

- Data listed below:



Transportation Layers

High Water Marks

Political Boundaries

Areas of Mitigation
Interest

National Flood Insurance Program (NFIP)

- **A voluntary program based on a mutual agreement between the Federal government and the local community:**
 - In exchange for adopting and enforcing floodplain management ordinances, Federally-backed flood insurance is made available to community property owners and disaster assistance.

- **NFIP Goals:**
 - Reduce the loss of life and property caused by flooding
 - Reduce rising disaster relief costs caused by flooding
 - Maintain the natural and beneficial functions of the floodplains
 - Minimize business interruptions and other economic disruptions

Flood Insurance



- All buildings can experience flooding
- Homeowner policies do not cover flooding
- Floods are caused by many sources

[Floodplains | Wisconsin DNR](#)

National Flood Insurance Program (NFIP)- Participating/Non-Participating Communities

What kind of assistance or support would you benefit from related to the NFIP?

| CID | Community Name | Init FHBM | Init FIRM | Current Effective Map Date | Reg-Emer Date |
|--------|-------------------------|------------|------------|----------------------------|---------------|
| 550493 | BIG FALLS, VILLAGE OF | 08/30/1974 | 01/20/2010 | 01/20/2010 | 08/24/2012 |
| 550494 | CLINTONVILLE, CITY OF | 07/30/1976 | 09/19/1984 | 01/20/2010 | 09/19/1984 |
| 550495 | EMBARRASS, VILLAGE OF | 12/17/1973 | 06/17/1986 | 01/20/2010 | 06/17/1986 |
| 550496 | FREMONT, VILLAGE OF | 11/30/1973 | 06/15/1977 | 01/20/2010 | 06/15/1977 |
| 550529 | HORTONVILLE, VILLAGE OF | 11/29/1974 | 07/02/1981 | 07/22/2010 | 07/02/1981 |
| 550497 | IOLA, VILLAGE OF | 06/07/1974 | 09/04/1985 | 01/20/2010 | 09/04/1985 |
| 550498 | MANAWA, CITY OF | 11/30/1973 | 05/04/1988 | 01/20/2010 | 05/04/1988 |
| 550499 | MARION, CITY OF | 06/07/1974 | 05/04/1988 | 01/20/2010 | 05/04/1988 |
| 550308 | NEW LONDON, CITY OF | 11/09/1973 | 03/15/1977 | 07/22/2010 | 03/15/1977 |
| 550302 | OUTAGAMIE COUNTY * | 01/31/1975 | 09/30/1977 | 01/20/2016 | 09/30/1977 |
| 550501 | SCANDINAVIA, VILLAGE OF | 08/30/1974 | 01/20/2010 | 01/20/2010 | 10/18/2017 |
| 550309 | SHIOCTON, VILLAGE OF | 05/31/1974 | 07/16/1981 | 07/22/2010 | 07/16/1981 |
| 550492 | WAUPACA COUNTY* | 08/15/1977 | 02/17/1978 | 01/20/2010 | 08/15/1977 |
| 550502 | WAUPACA, CITY OF | 12/28/1973 | 08/03/1989 | 01/20/2010 | 08/03/1989 |

National Flood Insurance Program (NFIP)- Participating/Non-Participating Communities

What kind of assistance or support would you benefit from related to the NFIP?

| CID | Community | Policies | Insurance In Force | Total Paid Losses | Total Paid Amount |
|--------|-------------------------|----------|--------------------|-------------------|-------------------|
| 550493 | BIG FALLS, VILLAGE OF | 0 | \$0 | 0 | \$0 |
| 550494 | CLINTONVILLE, CITY OF | 5 | \$1,217,000 | 8 | \$95,949 |
| 550495 | EMBARRASS, VILLAGE OF | 1 | \$1,000,000 | 0 | \$0 |
| 550496 | FREMONT, VILLAGE OF | 11 | \$2,053,000 | 10 | \$3,767 |
| 550529 | HORTONVILLE, VILLAGE OF | 4 | \$1,009,000 | 1 | \$0 |
| 550497 | IOLA, VILLAGE OF | 0 | \$0 | 0 | \$0 |
| 550498 | MANAWA, CITY OF | 3 | \$153,000 | 0 | \$0 |

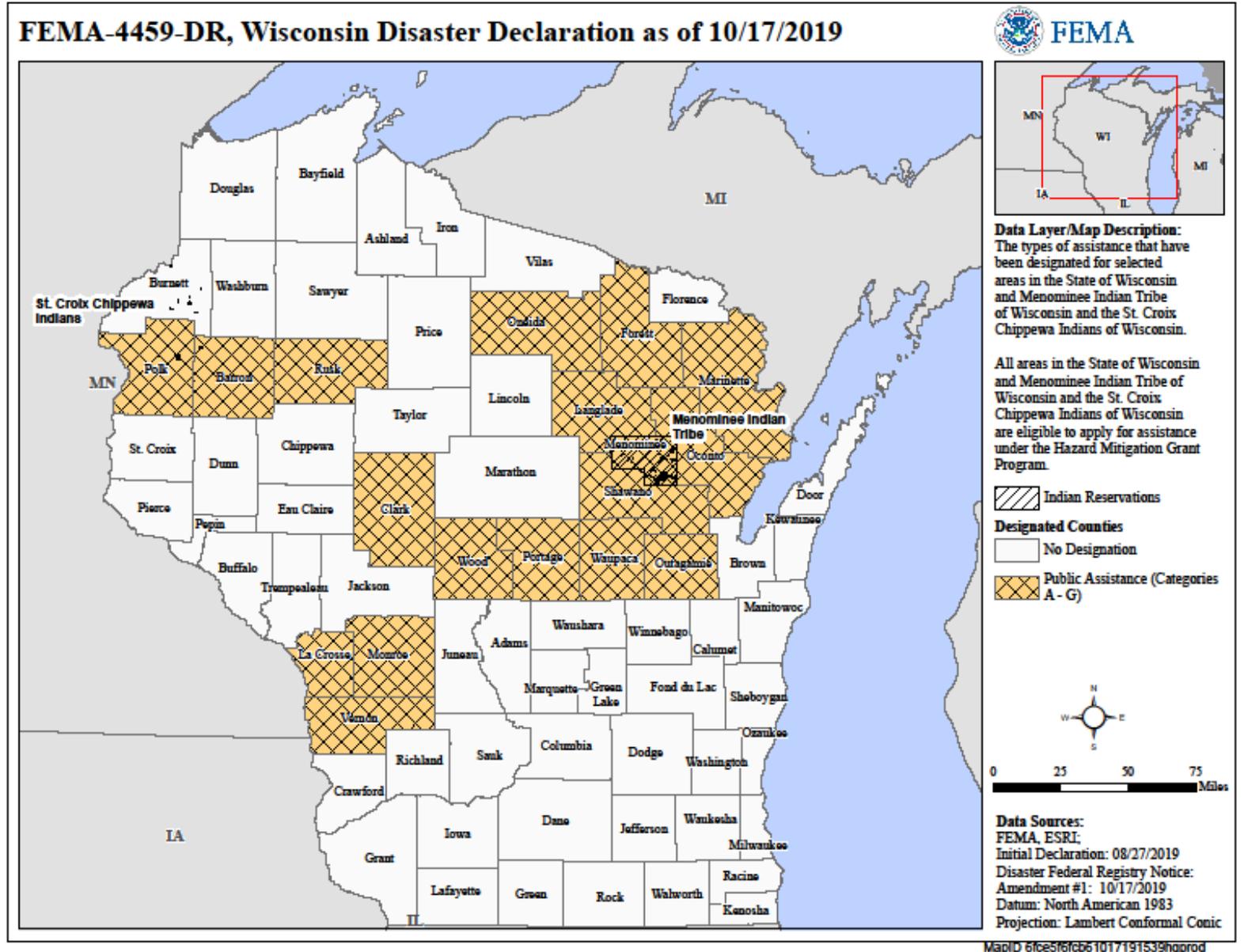
| CID | Community | Policies | Insurance In Force | Total Paid Losses | Total Paid Amount |
|--------|-------------------------|----------|--------------------|-------------------|-------------------|
| 550499 | MARION, CITY OF | 2 | \$207,000 | 0 | \$0 |
| 550308 | NEW LONDON, CITY OF | 50 | \$6,346,000 | 42 | \$28,240 |
| 550302 | OUTAGAMIE COUNTY * | 57 | \$16,399,000 | 19 | \$144,887 |
| 550501 | SCANDINAVIA, VILLAGE OF | 0 | \$0 | 0 | \$0 |
| 550309 | SHIOCTON, VILLAGE OF | 20 | \$2,529,000 | 8 | \$6,527 |
| 550492 | WAUPACA COUNTY* | 43 | \$6,999,000 | 29 | \$93,064 |
| 550502 | WAUPACA, CITY OF | 2 | \$271,000 | 0 | \$0 |

Hazard Mitigation Planning Status

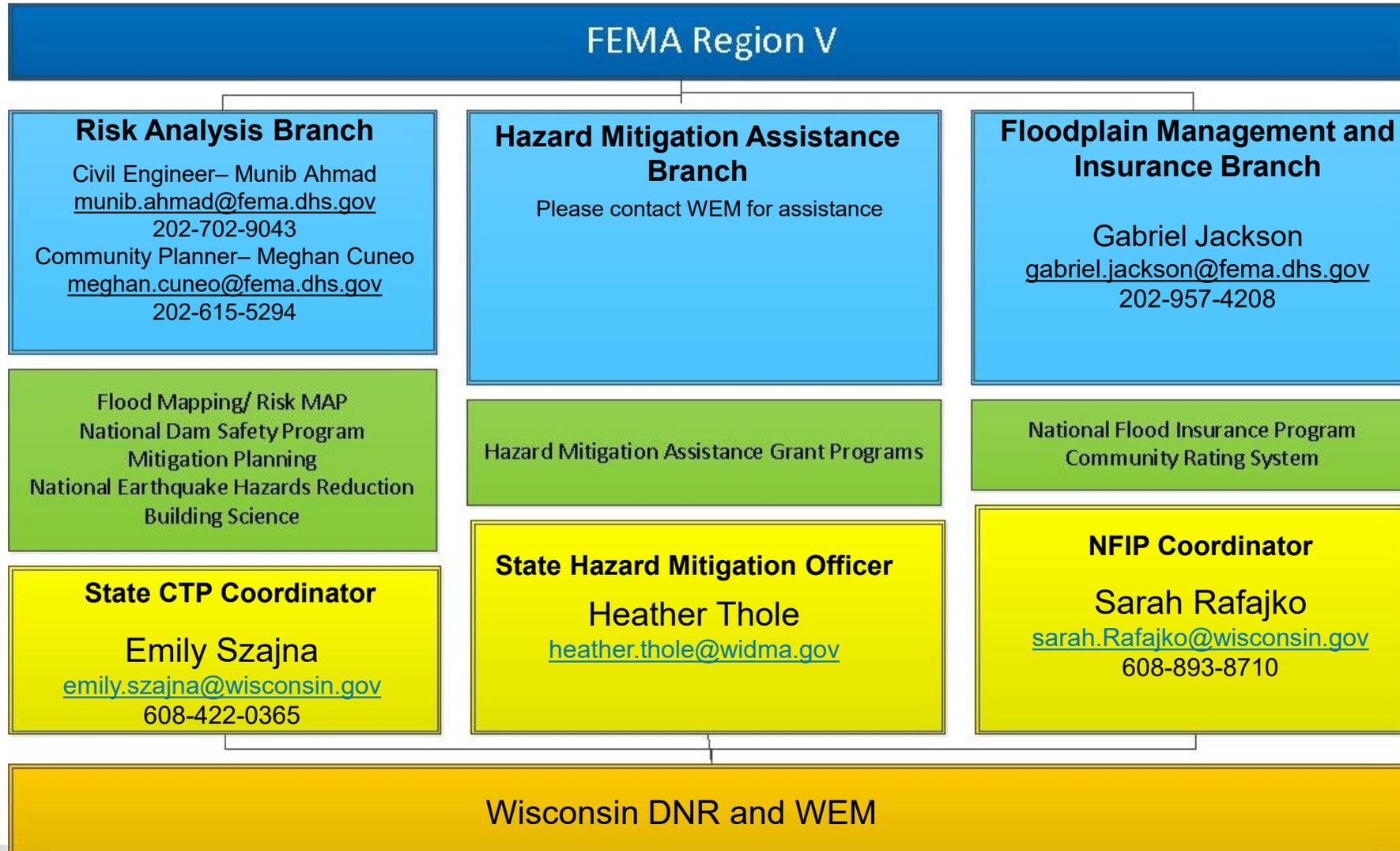
- Outagamie County's current All Hazards Mitigation Plan: 2017-2022
- Waupaca County's current All Hazards Mitigation Plan: 2021 - 2026
- Benefits of mitigation planning
- **Do you desire support with planning in the future?**
 - FEMA, DNR and WEM can help
 - [Hazard Mitigation Assistance Grants | FEMA.gov](#)

Disaster Assistance

- Presidential Disaster Declarations resulting in Individual Assistance and/or Public Assistance being made available:
 - 08/27/2019 : DR-4459



FEMA and State Contacts



Discussion & Questions

- **Engineering Methods materials and 30-day comment period**
- **Questions**