



FEMA

Risk MAP: WI County Floodplain Map Update

FEMA Region V, Monroe County

**Countywide Map Update: Kick-Off Meeting
October 5, 2021**



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Reminders

- **Thank you for joining us!**
- **This meeting will be recorded**
- **Please remember to mute your own line if you are not speaking in order to minimize disruption**
- **Please use the chat box to ask questions throughout the presentation**
- **Type in your name and title in the chat box so we have a record of attendance**



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Meeting Agenda

- **Introductions/Roll Call**
- **Risk MAP Overview**
- **Countywide Map Update Project Scope**
- **Desired Input from Communities**
- **Individual questions/discussion**
- **Close**



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Welcome & Introduction

- **Risk MAP Project Team, Wisconsin Department of Natural Resources (WDNR)**
 - Ruth Ann Fowler - Project Lead
 - Betsy Finlay – CTP Program Coordinator
 - Bryan Cunningham - NFIP Coordinator
 - Marc Budsberg - Project Engineer
 - Chris Olds- Floodplain Engineer
 - Megan Duffy– Regional Engineer
 - Tanya Lourigan – Dam Safety/Floodplain Section Supervisor
- **Wisconsin Emergency Management (WEM)**
 - Robyn Fennig– State Hazard Mitigation Officer
 - Guen Drewes – Disaster Response & Recovery Planner



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Welcome & Introductions

- **Federal Emergency Management Agency (FEMA)**
 - Ken Hinterlong- Region V Engineer
 - Frank Shockey- Region V Senior NFIP Specialist
 - Nicholas Bruscato- Region V Emergency Management Specialist
 - Cadence Peterson- Region V Planner
 - Jerome Huffman – Region V Communications and Outreach



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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



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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



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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	Initial FHBM	Initial FIRM	Current Effective Map Date	Regular Entry Date
550571	Monroe County	7/7/1978	5/3/1982	12/6/2019	5/3/1982
550290	City of Sparta	1/9/1974	8/3/1981	12/6/2019	8/3/1981
550291	City of Tomah	5/31/1974	8/17/1981	1/20/2010	8/17/1981
550361	Village of Blue Wing Village*	N/A	1/20/2010	1/20/2010	N/A
550360	Village of Cashton*	N/A	1/20/2010	1/20/2010	N/A
550287	Village of Kendall	8/30/1974	9/18/1986	1/20/2010	9/18/1986
550288	Village of Melvina*	8/30/1974	3/2/1981	1/21/2010	3/2/1981
550289	Village of Norwalk	8/30/1974	1/20/2010	1/20/2010	1/20/2010
550324	Village of Oakdale	N/A	1/20/2010	1/20/2010	8/24/2012
550457	Village of Ontario	1/9/1974	11/2/2012	11/2/2012	6/24/2014
550222	Village of Rockland	7/11/1975	4/2/2008	1/6/2012	3/9/2010
550329	Village of Warrens*	N/A	1/20/2010	1/20/2010	N/A
550292	Village of Wilton	5/17/1974	10/15/1985	1/20/2010	10/15/1985
550293	Village of Wyeville	8/23/1974	3/1/1984	1/10/2010	3/1/1984
550630	Ho-Chunk Nation of Wisconsin*	N/A	9/28/2012	10/16/2012	N/A

* Not in the NFIP



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

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

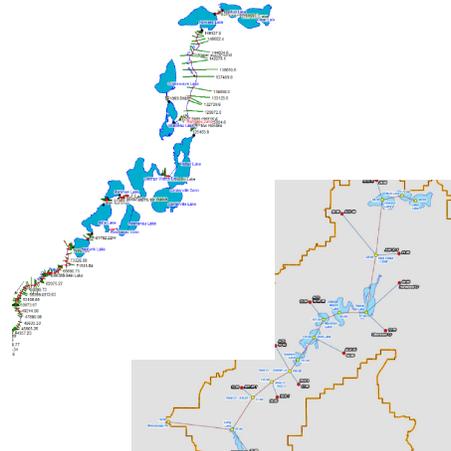
CID	Community Name	Policies in Force	Insurance in Force	Total Paid Losses	Total Paid Amount
550571	Monroe County	48	\$8,449,300	39	\$1,029,004.81
550290	City of Sparta	11	\$1,579,100	7	\$2,755.38
550291	City of Tomah	77	\$9,832,700	26	\$68,223.83
550361	Village of Blue Wing Village	N/A	N/A	N/A	N/A
550360	Village of Cashton	N/A	N/A	N/A	N/A
550287	Village of Kendall	6	\$608,600	9	\$164,776.76
550288	Village of Melvina	N/A	N/A	1	\$0.00
550289	Village of Norwalk	10	\$837,700	8	\$12,806.10
550324	Village of Oakdale	N/A	N/A	N/A	N/A
550457	Village of Ontario	7	\$1,397,000	6	\$157,745.53
550222	Village of Rockland	N/A	N/A	N/A	N/A
550329	Village of Warrens	N/A	N/A	N/A	N/A
550292	Village of Wilton	1	\$350,000	N/A	N/A
550293	Village of Wyeville	6	\$419,100	2	\$0.00
550630	Ho-Chunk Nation of Wisconsin*	N/A	N/A	N/A	N/A



What data are we looking for from you?

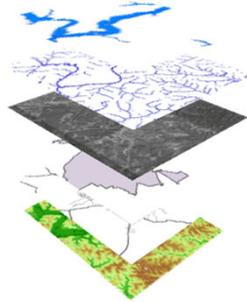
Existing Hydraulic and Hydrologic Studies

- USACE, USGS, DOT, Watershed Districts, developers, communities?
- Study Date
- Flooding Source and Location
- Contact Info: name and email
- Must be submitted by communities to FEMA for use in project



What data are we looking for from you?

- Contributions to LiDAR or other data to leverage into this Risk MAP effort?
- Some data listed below – please provide contact info for GIS person



- Political Boundaries
- Major Roads
- Streams
- Dams
- Structures
- Areas of Mitigation Interest
- Essential Facility Data

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LiDAR - Topographic Data

Known Best Available Data

- LiDAR
 - 2019
- Any additional efforts planned?



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Countywide Map Update Timeline Monroe County

- **October 5, 2021: Kick-off Meeting**

- **Winter 2022/2023: Flood Risk Review Meetings**
 - Hydraulic Modeling Completed, data made digitally available to community officials

- **Future efforts (yet to be funded) would include preliminary and final countywide FIRMS**

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graph LR; A[Data and Product Development] --> B[Preliminary NFIP Map Release]; B --> C[Due Process]; C --> D[FIS and FIRM Delivery];
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Countywide Map Update: Monroe County

- **Areas on the existing Flood Insurance Rate Maps (FIRMs) will be updated. Goals are to:**
 - Incorporate updated topographic data for redelineation of detailed studies

 - Updated H&H for all Zone A floodplains in Monroe County

 - Keep same level of detail: areas studied using approximate methods (A zones) will remain A zones
 - Base Flood Elevations (BFE's), or the elevation to which floodwaters are anticipated to rise during a 1% annual chance flood, will not be published if not currently shown.

 - Share updated work map products digitally with communities

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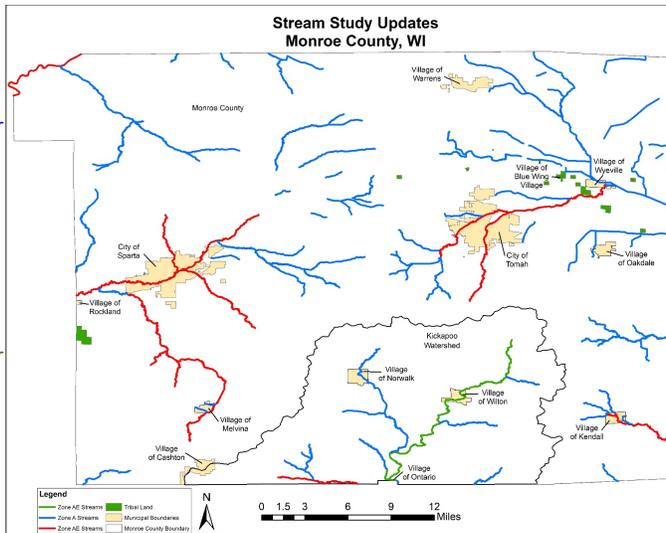
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Studied Streams

Updated engineering for approximate (Zone A) streams: ~257 miles

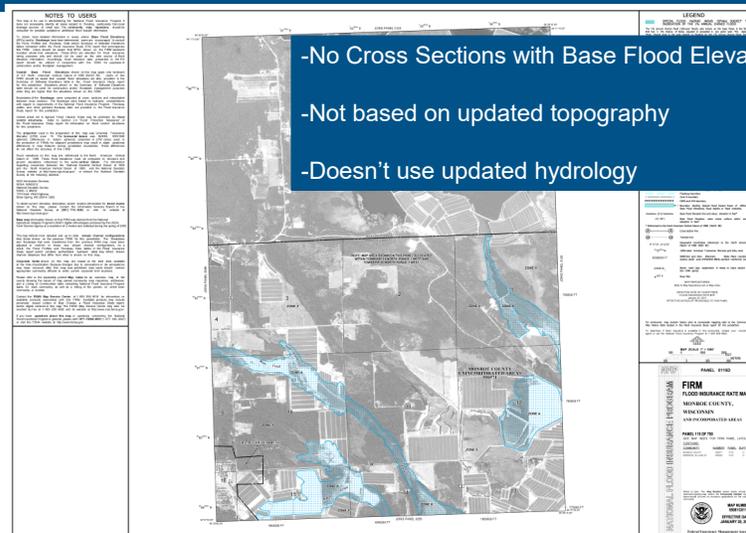
Re-delineated detailed (Zone AE) streams: ~96 miles

Updated engineering for detailed Zone AE streams: ~ 20 miles



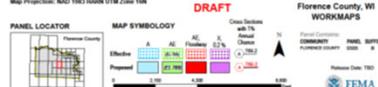
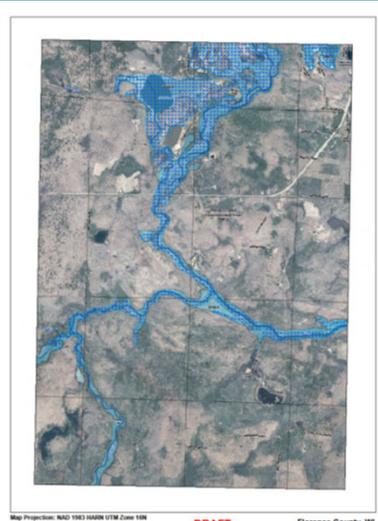
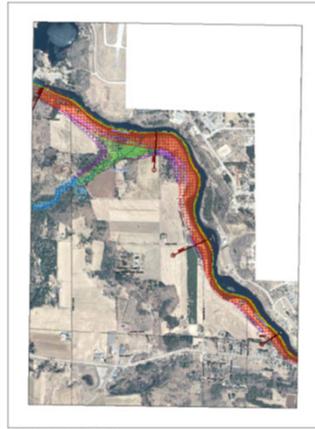
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Existing Zone A: Monroe County Example



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Workmap examples



Hazard Mitigation Planning Status

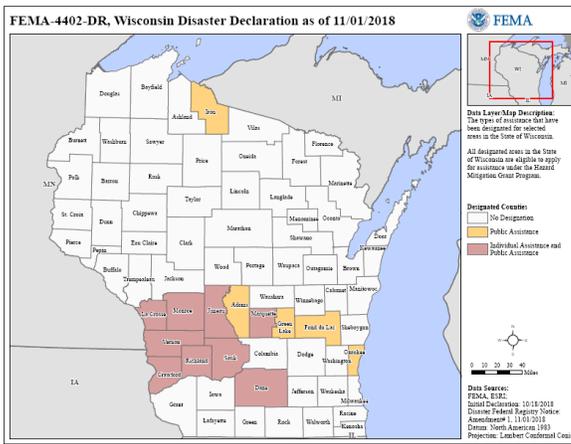
- **How much were you involved with developing your current plan?**
 - Monroe County: 2019 update
- **Do you desire support with planning in the future?**
 - How FEMA, DNR and WEM can help
- **What kind of technical assistance or support would you benefit from?**



Disaster Assistance

▪ **4402-DR**

- Severe Storms, Tornadoes, Straight-line Winds, Flooding, and Landslides
- Incident Period: 8/17/18 – 9/14/18
- Disaster Declaration date:
 - 10/18/2018
- PA Grants Dollar Obligated:
 - \$33,442,163.26*



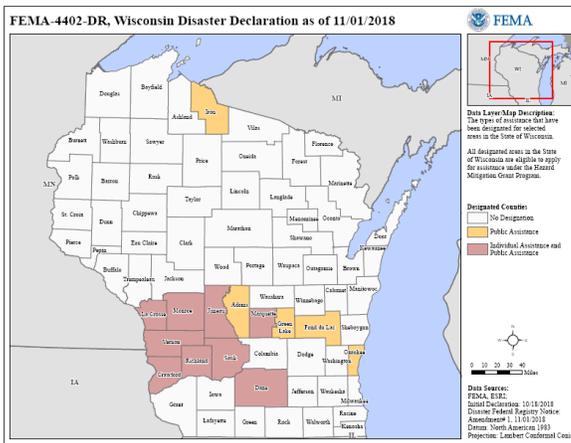
*current award amount for entire disaster, that has been approved by FEMA. Amount changes until disaster is closed by FEMA.



Disaster Assistance

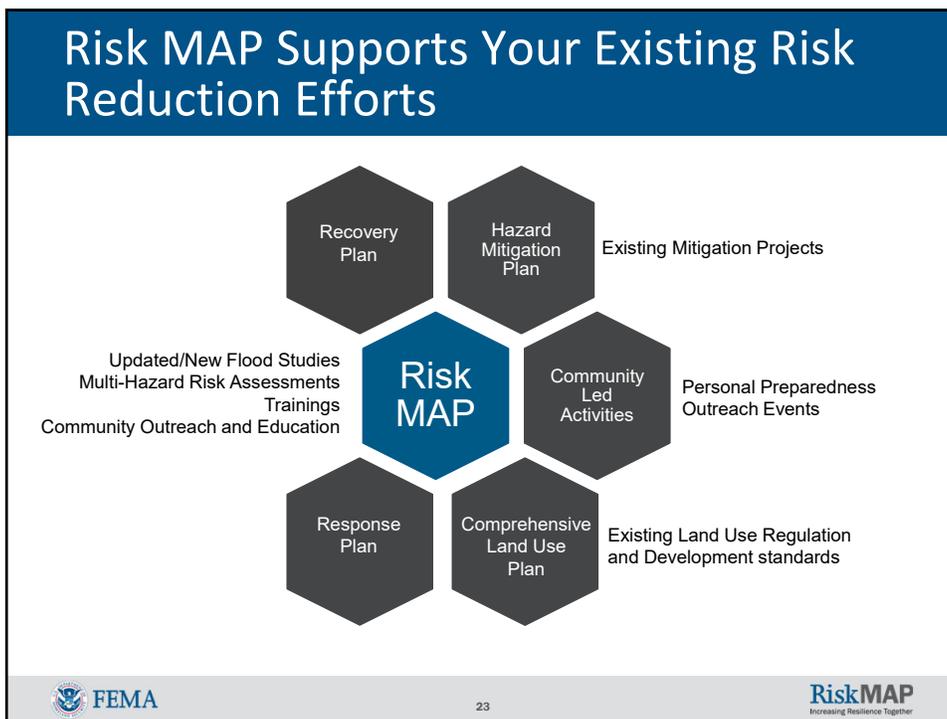
▪ **4459-DR**

- Severe Storms, Tornadoes, Straight-line Winds, and Flooding
- Incident Period: 7/18/19 – 7/20/19
- Disaster Declaration date:
 - 08/27/2019
- PA Grants Dollar Obligated:
 - \$23,241,900.28*

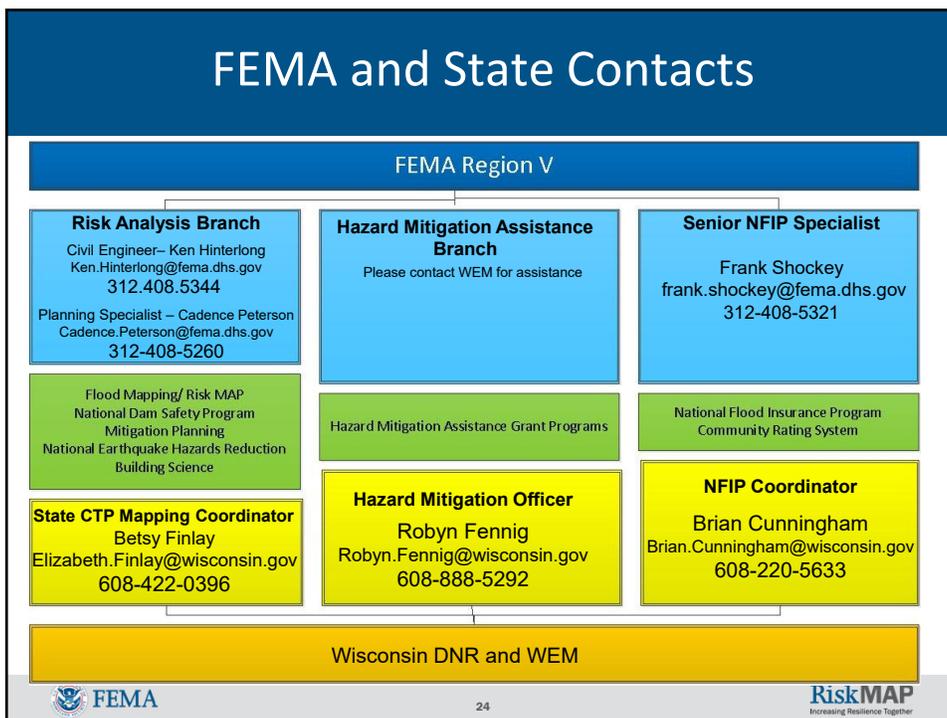


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Discussion & Questions

- **Engineering Methods 30-day comment period**
- **Questions??**

