

# **Discovery Kick-Off Meeting** Trempealeau Watershed

August 15, 2024

# **MEETING WILL START AT 1:05**





- 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
- If you were not on the original invite and would like to keep updated, please also include your e-mail in the chat box







- Risk MAP Project Team, Wisconsin Department of Natural Resources
  - Ben Sanborn Project Lead
  - Chris Olds State Floodplain Engineer
  - Sarah Rafajko State NFIP Coordinator
  - Tanya Lourigan Dam Safety/Floodplain Section Supervisor
  - Ryan Jarvis Regional Water Management Engineer





#### Introductions

#### Wisconsin Emergency Management (WEM)

• Heather Thole – State Hazard Mitigation Officer

#### Federal Emergency Management Agency (FEMA)

- Munib Ahmad Region V Engineer
- Gabriel Jackson Region V Senior NFIP Specialist
- Meghan Cuneo Region V Planner





## Meeting Agenda

- Introduce Risk MAP
- Explain the Role of Discovery
- Project Timeline
- Next Steps

ΗFM

• Q&A



## 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 <u>quality data</u> that increases <u>public awareness</u> and leads to <u>action that reduces risk</u> to life and property







# Risk MAP Overview

- Through Risk MAP, FEMA works with communities to develop flood risk projects and flood hazard maps that are:
  - Based on the best available data from the community and that use the latest technologies
  - Conducted on a watershed level
  - Strengthened by partnerships
- You can use Risk MAP tools and data to:
  - Create or improve your Hazard Mitigation Plans
  - Make informed decisions about development, ordinances, and flood mitigation projects
  - Communicate with citizens about flood risk





## **Risk MAP Supports Your Existing Risk Reduction Efforts**



Increasing Resilience Together

#### 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.

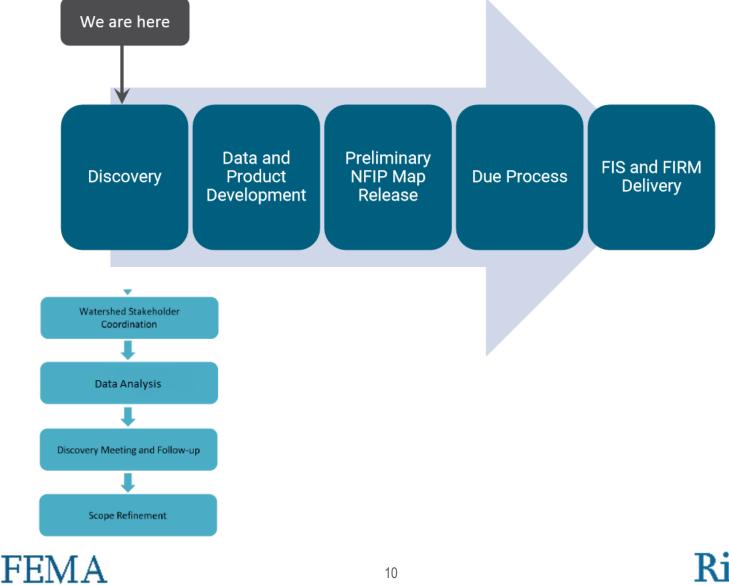
#### • NFIP Goals:

- 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





# **Risk MAP Process**





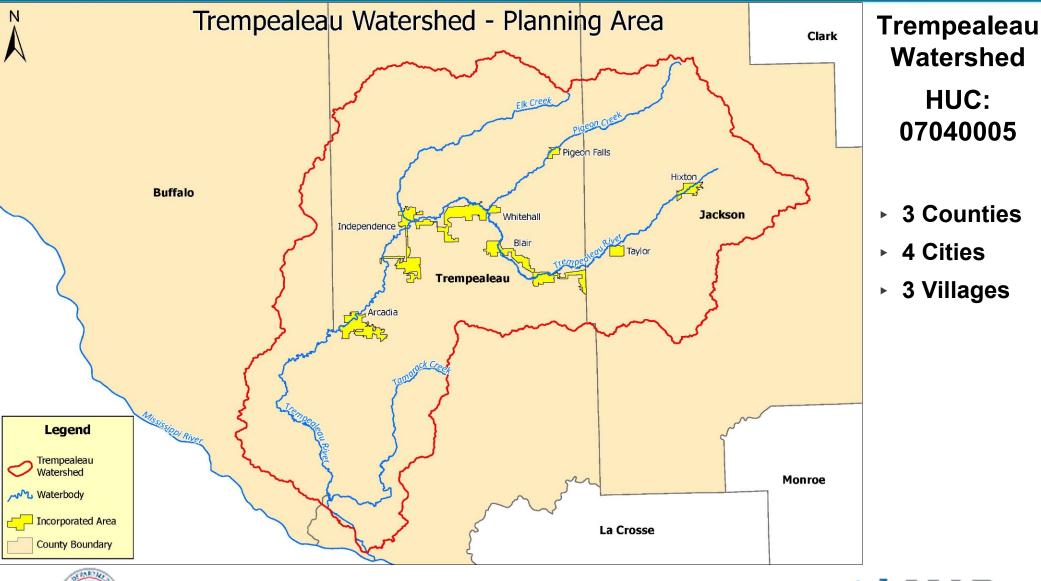
# What is Discovery

- Discovery is the process of data mining, collection, and analysis with the goal of initiating a flood risk or mitigation project and risk discussions within the watershed
- When
  - After an area/watershed has been prioritized
  - Before a Risk MAP project is scoped or funded
- Required for new and updated...
  - Flood Studies
  - Flood risk assessments
  - Mitigation planning technical assistance projects
- ▶ Why
  - Increases visibility of flood risk information, education, and involvement
  - Helps inform whether a Risk MAP project will occur in the watershed





#### **Discovery Overview**





RiskMAP

# Flood Insurance Rate Map (FIRM) Status

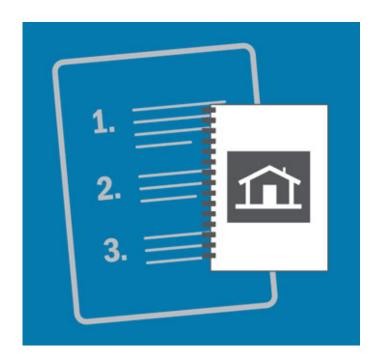
COUNTY	STATUS	Effective Date
BUFFALO	Effective	5/3/2010
JACKSON	Effective	9/29/2017
TREMPEALEAU	Effective	4/4/2011







- Data Collection
- Draft Discovery Report
- Discovery Meeting







#### **Data Collection**

- Political Boundaries
- Hydrography layers
- Transportation layers
- Dams
- Structures
- Land Use







### **Draft Discovery Report**

#### **Discovery Report**

Kickapoo Watershed, HUC 07070006

Crawford County, Monroe County, Richland County, Vernon County

Ho-Chunk Nation of Wisconsin

Village of Bell Center, Village of Cashton, Village of Eastman, Village of Gays Mills, Village of La Farge, Village of Mount Sterling, Village of Norwalk, Village of Ontario, Village of Readstown, Village of Soldiers Grove, Village of Steuben, Village of Viola, City of Viroqua, Village of Water A. City of Weshiv, Village of Wilton

September, 2018





#### ii. Mitigation Projects

In the Discovery meeting, stakeholders were asked to identify locations which might benefit from a flood mitigation project. Mitigation interest included culvert replacements, inundated roads, slope stabilization, at-risk residential homes, and stream gages. Table 14 summaries the mitigation needs identify by the stakeholders. The associated locations have also been added to the Post-Meeting Discovery Map (Appendix E) and full comments are available in Appendix C.

**Table 14. Stakeholder Identified Mitigation Needs** 

Location	Discovery Map ID	Subject(s)	Mitigation Interest Comment
Crawford County	3	Overtopped Road	Alternate route inundated at times.
Crawford County	4	Reoccurring Flooding	Area inundated year round
Village of Gays Mills	5	Overtopped Road	Highway 171 bridge across Kickapoo River is impassable during rain events.
Crawford County	6	Overtopped Road	County Highway B bridge at Tainter Creek, east approach is low and is impacted during flooding.
Village of Gays Mills	7	Overtopped Trail	Stump Dodger Trail impacted by floods.
Vernon County	9	Reoccurring Flooding	Highway 14 repeated flooding from Read Creek
Vernon County	10	Overtopped Road	Highway 82 washes out regularly.
Village of Readstown	11	Reoccurring Flooding	Repeated flooding, evacuations, washed out bridges.
City of Viroqua	12	Stream Flow Constriction Residential Homes At-Risk	Water backs up at culvert and floods near buy home. Interest in stormwater detention up stream.
Vernon County	13	Erosion	Should, ditch, and culvert washed out.
Vernon County	14	Stream Flow Constriction	Ice Jam on Knapp Creek Tributary
Vernon County	15	Reoccurring Flooding	Recurring flooding along Cary Road and Dell Road.
Vernon County	16	Reoccurring Flooding Erosion	Hall Creek- recurring flooding, washing out culvert and gravel.
Vernon County	17	Slope Stability	Park Road - landslides.
Vernon County	18	Reoccurring Flooding	Recurring flooding from Sea Branch on first flood of home.

# RiskMAP



## **Discovery Meeting**

- Review Draft Discovery Report
- Identify areas of flooding concern
- Request changes to the map
- Provide additional data & information









#### **Ben Sanborn - Project Lead**

#### Email: ben.sanborn@wisconsin.gov

Phone: 608-445-7417



