

Discovery Report Appendix B

PreDiscovery Meeting Presentation

Oneida Lake Watershed

HUC 04140202

September 2016



Federal Emergency Management Agency
Department of Homeland Security
26 Federal Plaza
New York, NY



FEMA

Oneida Watershed Risk MAP Discovery Project

**Pre-Discovery Webinar for Watershed
Stakeholders**

April 5 – April 7, 2016



**Department of
Environmental
Conservation**

RiskMAP

Increasing Resilience Together

Who's Involved

- **Project Team**

- FEMA
- NYS DEC
- Dewberry/The Clark Group

- **Federal, State, Local partners**

- USACE, USGS, NRCS
- ***Communities***
- ***Counties***
- ***Local universities***
- ***Other local and regional organizations/stakeholders***



Agenda

- FEMA's Risk MAP Program & Discovery process
- The Oneida Watershed Discovery project
 - Participating in the process
 - Schedule
- Next steps
- Q&A



Oneida Watershed Discovery Project Area



- **5 counties**
 - Lewis
 - Madison
 - Oneida
 - Onondaga
 - Oswego
- **63 communities, including towns, cities, and villages**

The Risk MAP Program

■ Risk MAP

- Mapping – Flood hazard and risk identification
- Assessment – Risk assessment tools
- Planning – Hazard mitigation planning

■ Risk MAP Vision

- Deliver quality data
- Increase public awareness of flood risk
- Encourage local/regional actions that reduce risk



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The Risk MAP Discovery Process

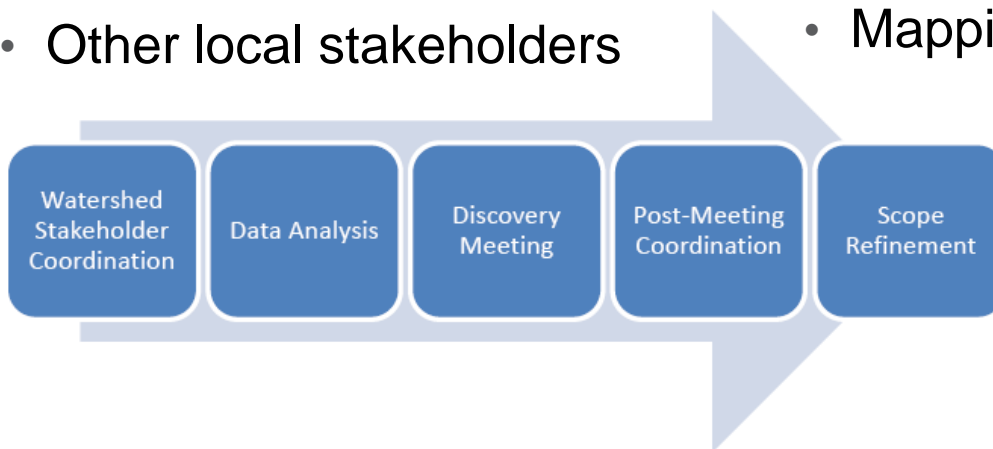
A **collaborative process** for **data collection** and analysis with the goal of initiating discussion about local flood risk and prioritizing flood mapping and other needs in a watershed.

Collaboration between:

- Communities/Counties
- State agencies
- Universities
- FEMA/other Federal agencies
- Other local stakeholders

Data collected:

- Historical flooding information
- Existing flood hazard risk assessment
- Mitigation activities and strategies
- Mapping/training needs



Discovery Results and Products

■ Discovery Report

- Comprehensive report that documents Discovery process
- Includes background information and data analysis, meeting agenda, sign-in sheets, discussion topics, decisions made, etc.

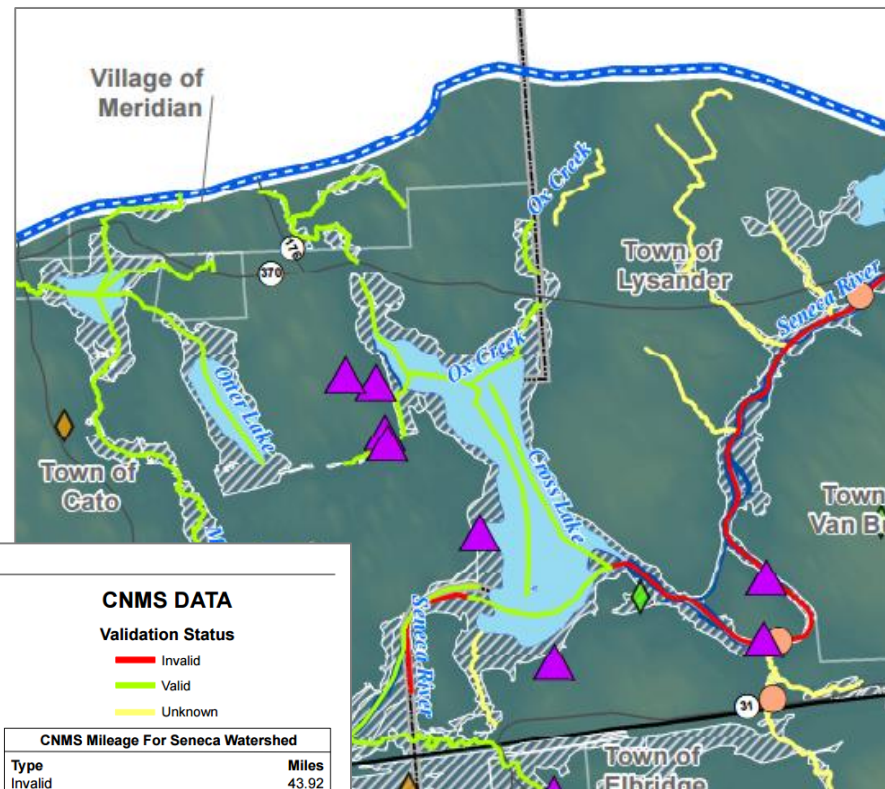
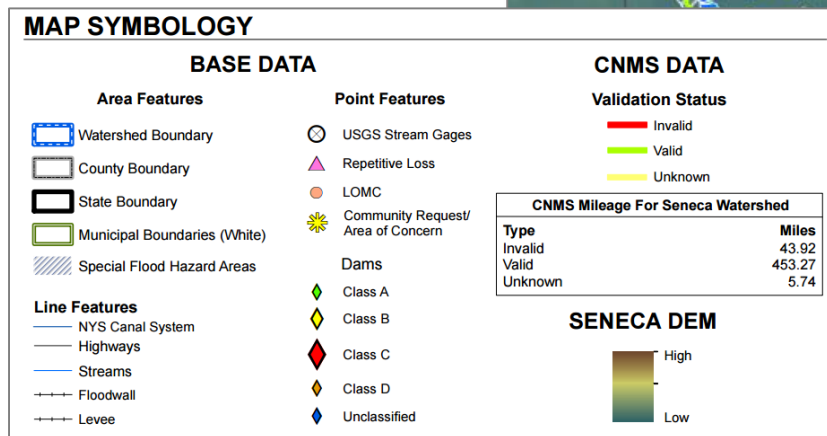


The image shows the front cover of a FEMA Discovery Report form. The top half is a solid dark blue rectangle. Below this, the title "Discovery Report" is centered in a blue serif font. Under the title, there are several lines of text in a smaller, italicized font: "Watershed Name, Watershed Number", "County names", "Community names", "State(s)", and "Report Number 00". To the right of this text is a rectangular box containing instructions: "If community names do not fit on this front cover, please use the optional following page. If they do fit, then delete the following page." and "Delete this text box when complete." Below the text on the left is a date field "MM/DD/YYYY" and the FEMA logo, which consists of the eagle emblem and the word "FEMA" in a bold, blue, sans-serif font.

Discovery Results and Products

■ Discovery Maps

- Final version includes feedback from participants
- Visual representation of meeting outcomes



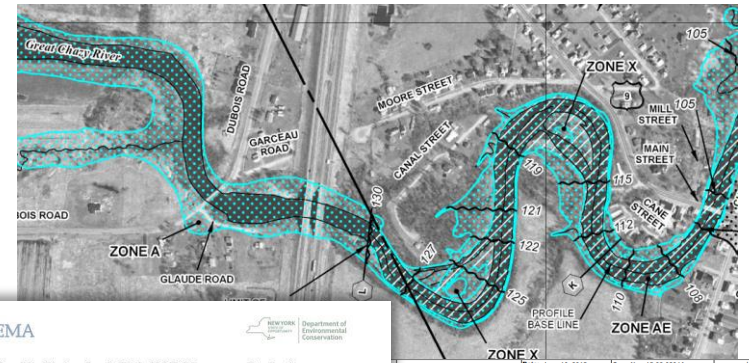
Discovery Results and Products

- **With your involvement, this project will ensure that FEMA/NYS DEC are aware of:**
 - Local flooding problems
 - Flood mapping needs
 - Other related issues your community may be facing
- **Input will be used to prioritize needs in the watershed for a Risk MAP project, including updated digital Flood Insurance Rate Maps (FIRMs), that may be initiated in the future.**



Discovery Data Collection Process

- **NYS DEC is currently gathering background data to prepare draft Discovery Report and Maps**
- **Your community's /organization's input will be collected through**
 - Stakeholder Survey Form
 - Can be completed via Survey Monkey or mailed/mailed back
 - Upcoming In Person Discovery Meetings



Oneida Watershed: Risk MAP Discovery Project Stakeholder Survey

Thank you for taking the time to complete this Discovery Data survey. The Discovery process is designed to provide important information to help the Federal Emergency Management Agency (FEMA) and the New York State Department of Environmental Conservation (NYSDEC) better understand flood risk issues and mapping needs in the Oneida watershed, and to help you increase your community's resilience to flooding through implementation of the Risk MAP (Risk Mapping, Assessment, and Planning) program. Please answer any and all questions to the best of your ability and/or knowledge. Any response can help us assess the risks for your community.

A map of the watershed can be found at the end of this survey. The blue boundary line delineates the Oneida Watershed area, and the black boundary lines define jurisdictional areas.

Background

Discovery is the initial phase of a Risk MAP project, in which FEMA and NYSDEC work with local stakeholders to collect data and learn about unique issues in a watershed. This includes gathering information about current flood risk, historical flooding, flood mapping and analysis needs, and local mitigation activities. All information collected will be considered when developing recommendations for future Risk MAP projects. These projects may include the creation of revised flood analysis, maps, or other products that can be used to reduce local flood risk. The Discovery process does not necessarily mean that a new Risk MAP project will take place - rather it is a process by which FEMA and NYSDEC learn about the issues in a watershed and prioritize the need for new studies.

Discovery Meeting

After completion and evaluation of survey responses, a series of in-person Discovery meetings will be held within the watershed in May/June 2016 to present and discuss the preliminary results, as well as provide an additional opportunity for input.

Completing and Sharing This Survey

We respectfully request that you complete the survey by May 6, 2016 in order for the Discovery team to develop preliminary materials to be reviewed during the in-person Discovery meetings with affected stakeholders. If you have any questions about FEMA's Discovery process or about completing this survey, please contact the NYSDEC Floodplain Management team at floodplain@dec.ny.gov. If you believe there are other stakeholders that should receive this survey, please provide their contact information to us and we will send them a copy.

Sending us the Completed Survey

Once you have completed this survey please mail or email to:

Samara Ebinger
Dewberry
8403 Arlington Blvd.
Fairfax, VA 22031
sebinger@dewberry.com (Email)

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

FEDERAL EMERGENCY MANAGEMENT AGENCY
Washington, D.C. 20472

CITY AND MAP PANEL INFORMATION

TOWN OF TONAWANDA, EASEX COUNTY, NEW YORK

LEGAL PROPERTY DESCRIPTION

A parcel of land, as described in the Correction Sheet recorded in Book 1416, Pages 0162, 0163, and 0164, in the Office of the County Clerk, Essex County, New York

COMMUNITY NO.: 181169
NUMBER: 3611000108
DATE: 5/17/2016

SOURCE: UNMAINED TRIBUTARY TO RIVER
APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 43.894, -73.344
SOURCE OF LAT & LONG: GOOGLE EARTH PRO
DATUM: NAD 83

CH	SURVEYOR	STREET	OUTCOME: WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	IN ANNUAL CHANGE		LOWEST ADJACENT GROUND ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
					FLOOD ELEVATION (NGVD 29)	NEE'S		
-	-	303 Century Road	Structures (Residences)	X (unshaded)				

HAZARD AREA (SFHA) - The SFHA is an area that would be inundated by the flood having a 1 percent chance of being equaled in any given year (Base Flood).

CONSIDERATIONS: Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.

REMARKS:

Provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment be identified above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the information submitted is consistent with the SFHA, as well as the flood having a 1 percent chance of being equaled in any given year (Base Flood). This document amends the effective NFIP map to remove the subject property from the SFHA. The effective NFIP map, therefore, the Federal Emergency Management Agency's determination does not apply. However, the subject property is not subject to the flood insurance requirements to provide its hazard risk on the map. A Federal Risk Policy (FRP) is being issued to the SFHA. Information about the FRP and how to use it can be found in the FRP.

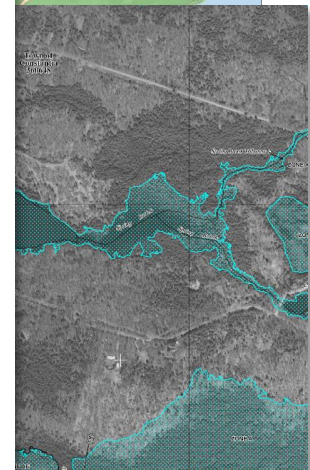
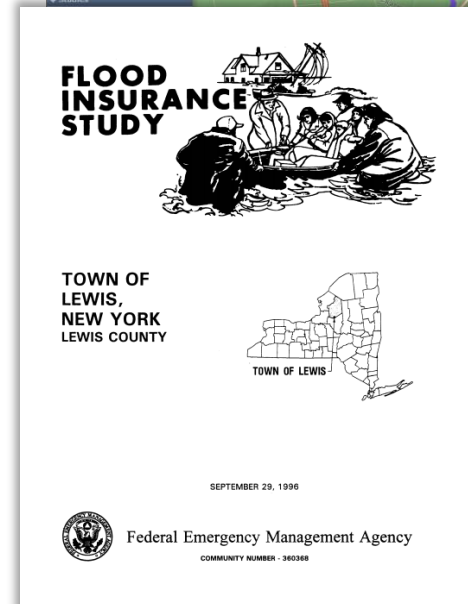
NOTES: This is based on the flood data presently available. The enclosed documents provide additional information regarding this. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 338-4527 or by letter addressed to the Federal Emergency Management Agency, 10000 Chillum Road, Alexandria, VA 22304-6002.

Sam Rogers, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Data Collection: Background Data

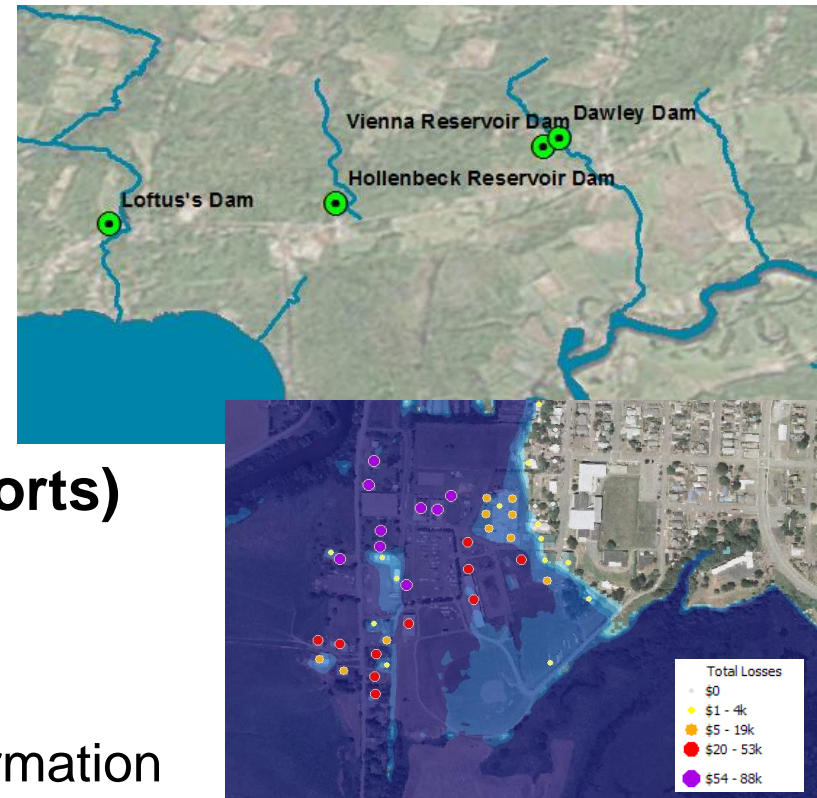
■ Flood Data

- FIRMs/DFIRMs and Flood Insurance Study reports
- Community Rating System class
- Stream/lake locations
- Repetitive loss data
- Flood insurance policies and claim information
- Letters of Map Amendment and Letters of Map Revision
- Clusters of Letters of Map Change
- Coordinated Needs Management Strategy information



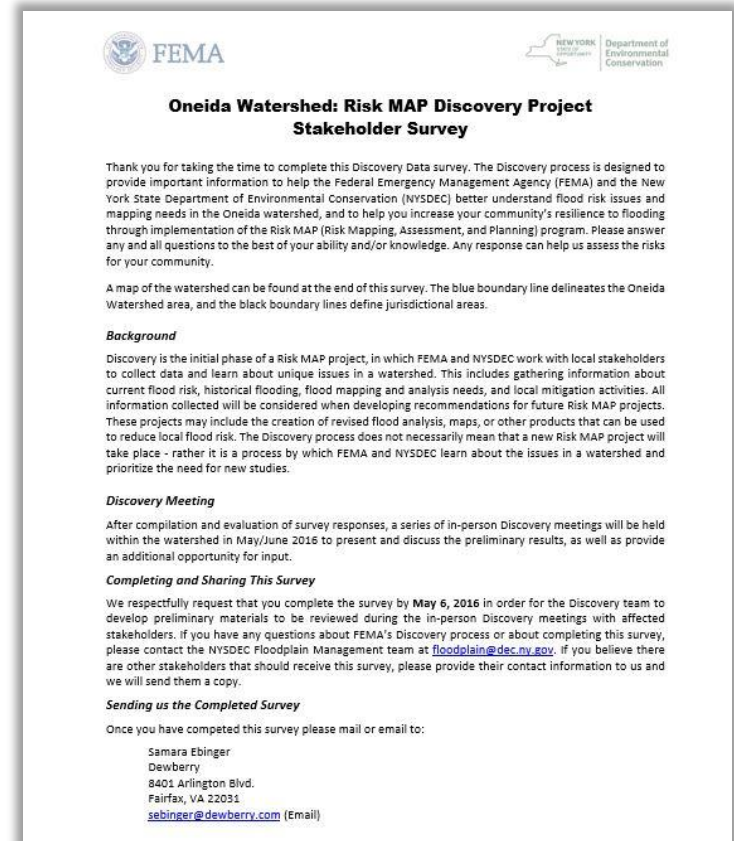
Data Collection: Background Data

- **Census information**
- **Transportation features**
- **State & Federal lands**
- **Stream Gages**
- **Topography & Bathymetry**
- **Dams (GIS and Dam Specific Reports)**
- **Federal and State Disasters**
- **Additional Studies:**
 - Average Annualized Loss (AAL) information
 - FEMA-approved Hazard Mitigation Plans
 - Community Ordinances



What information do we need from you?

- Historical flooding problems
- FIRM inaccuracies
- Recent/ongoing mitigation projects/activities
- Planning and development activities
- Availability of GIS and other data
- Training needs
- Other people/organizations you think should be involved in project



Flood Mapping Needs/Historical Flood Problems

The more detail, the better!

■ Inaccurate FIRMs:

- Are there areas within your community where the FEMA FIRMs are not accurate or where significant change has impacted maps (e.g., culvert replacements)?

■ Historical Flooding Problems

- When have areas within your community flooded? What streams/areas were affected?

Question

Describe any inaccuracies related to the Special Flood Hazard Areas shown on your community's Flood Insurance Rate Map (FIRM):

Include the names of streams/reaches that need to be studied or restudied including starting and ending locations and the type of location (e.g., rural, urban, suburban, commercial development area, residential area, development pressures).

Please rank how you would prioritize any updates needed.

Describe your community's experience with past flood disasters and flood disaster recovery:

When have areas within your community flooded?
What streams/areas were affected?

Community Planning, Ongoing Projects, and Mitigation Activities

- **How has the floodplain changed?**
- **Community development and future development pressure**
 - DOT projects (e.g., bridge and culvert replacements)
 - Commercial or industrial development
- **Mitigation Activities**
 - Property buyouts
 - Stream restoration activities
 - Flood control projects

Question

Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or privately funded projects, including bridge and culvert replacements since the last FIRM revision?

☐ Yes ☐ No

If yes, what is the type of project? Where is it located? Who is the Point of Contact for additional information?

Are there areas where there has been recent residential, commercial or industrial development or that is likely to have future development pressures?

☐ Yes ☐ No

If yes, please describe, including the nature and location of the development, the total project size in acres and, if appropriate, the number and size of lots.

Community Data

Data Type	Availability/Format
<u>Political boundaries:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format
<u>Transportation features:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format
<u>Parcel and zoning data:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format
<u>Building footprints:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format

■ GIS and technical data

- Base map data
- Engineering data
- Risk assessment data

Discovery Meeting Invitees

- **Compiled list of community and county officials, including:**
 - Chief Executive Officers (i.e., Mayor, Supervisor)
 - Building, Zoning, and Planning Officials
 - Local Floodplain Administrators
 - City and County Engineers
 - Conservation Districts
 - Other Local/Regional Organizations



Discovery Meeting Invitees

- **Need your help to identify others who should be invited to Discovery Meetings**
 - Watershed associations
 - Realtors
 - Insurance agents
 - Chambers of commerce
 - Farmers organizations
 - Others



Project Schedule

- **April 4th**
 - Stakeholder survey emailed to webinar invitees
- **Today**
 - Pre-Discovery Overview
- **Today through May 6th**
 - Stakeholders complete survey form
- **May/June 2016**
 - In Person Discovery Meetings
- **Fall 2016**
 - Final Discovery Report and Maps



Next Steps

■ We will work with you to:

- complete the survey provided.
- verify and identify community contacts to attend in person Discovery Meetings.
- determine locations and dates for in person Discovery Meetings.

■ Look for invitations to in person Discovery Meetings in May.



Thank you for your participation!

Your involvement in this project is critical to ensure we are aware of local flooding problems and needs and prioritize future Risk MAP projects appropriately.





FEMA

Questions?



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Contacts

NYS DEC Floodplain Management

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