

Discovery Report Appendix B

PreDiscovery Meeting Presentation

Lake Champlain Watershed

HUC 04150408

September 2016



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



FEMA

Lake Champlain Watershed Risk MAP Discovery Project

**Pre-Discovery Webinar for Watershed
Stakeholders**

April 5 – April 7, 2016



**Department of
Environmental
Conservation**

RiskMAP

Increasing Resilience Together

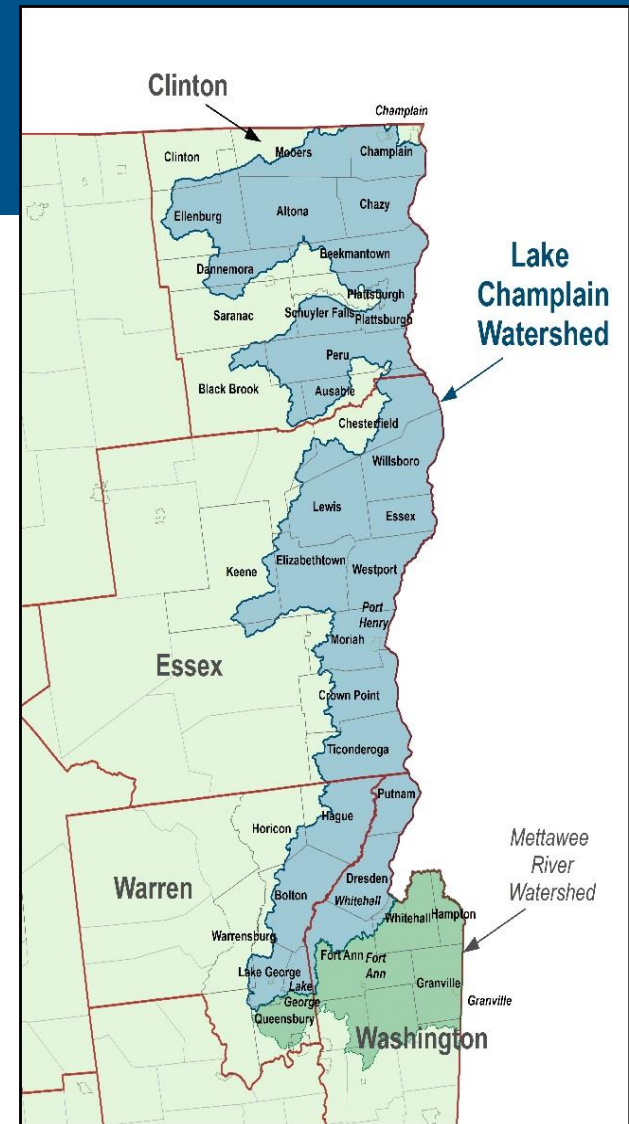
Who's Involved

- **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***

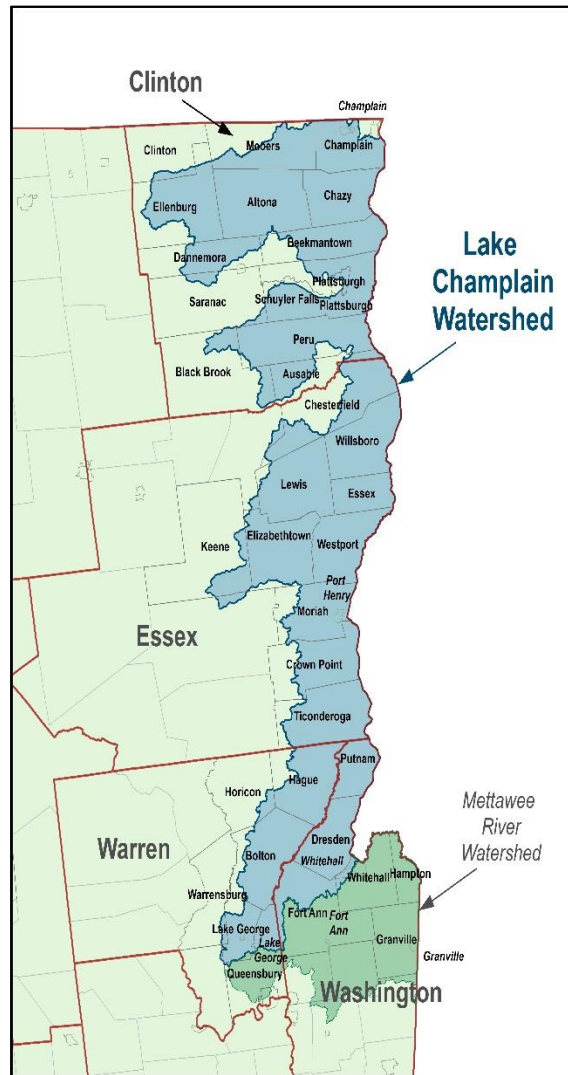


Agenda

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



Lake Champlain Watershed Discovery Project Area



- **4 counties**
 - Clinton
 - Essex
 - Warren
 - Washington
- **44 communities, including towns, cities, and villages**
- **Several additional communities in the neighboring Mettawee River watershed are also included**



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

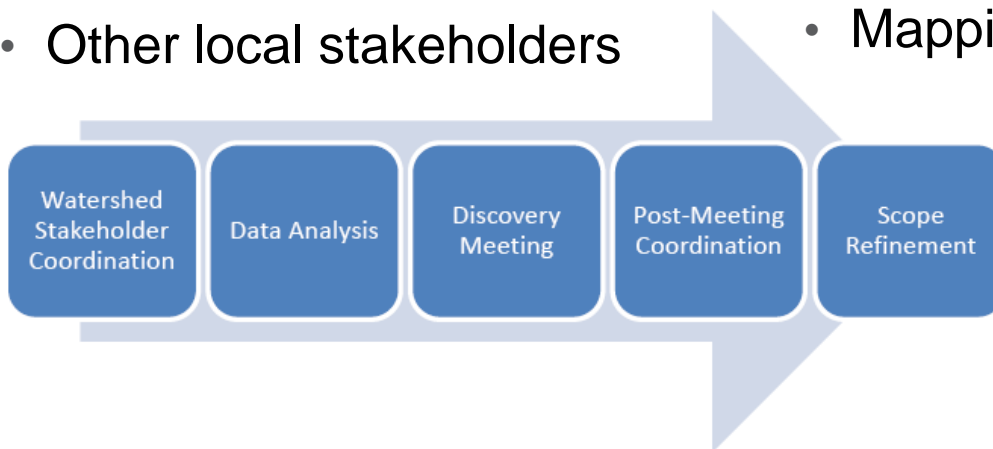
A **collaborative process** for **data collection** and analysis with the goal of initiating discussion about local flood risk and prioritizing flood mapping and other needs in a watershed.

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.

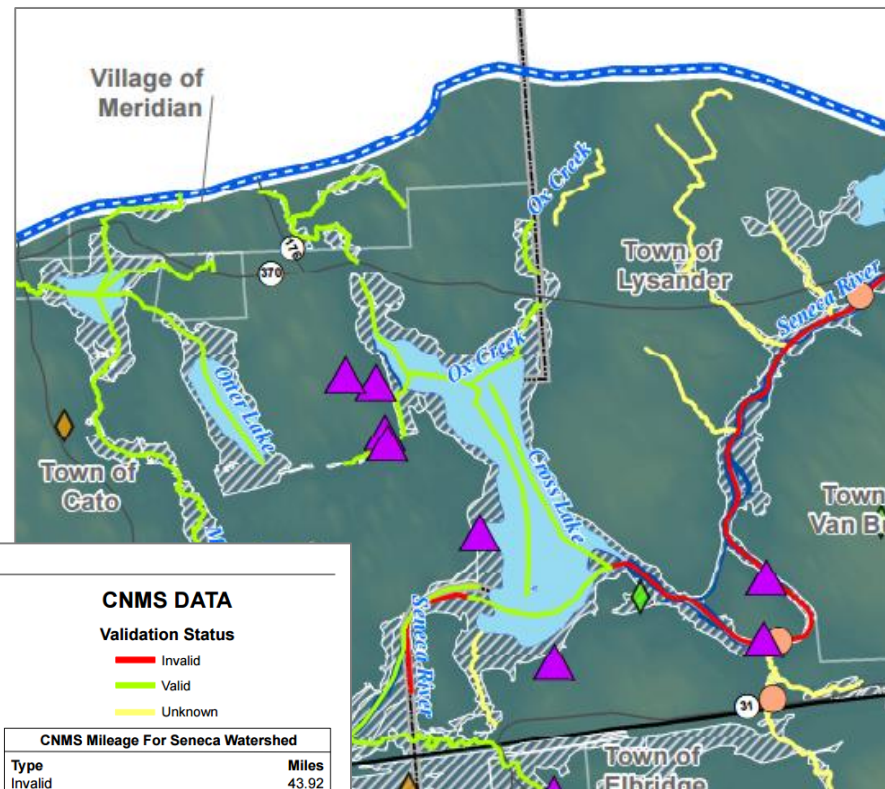
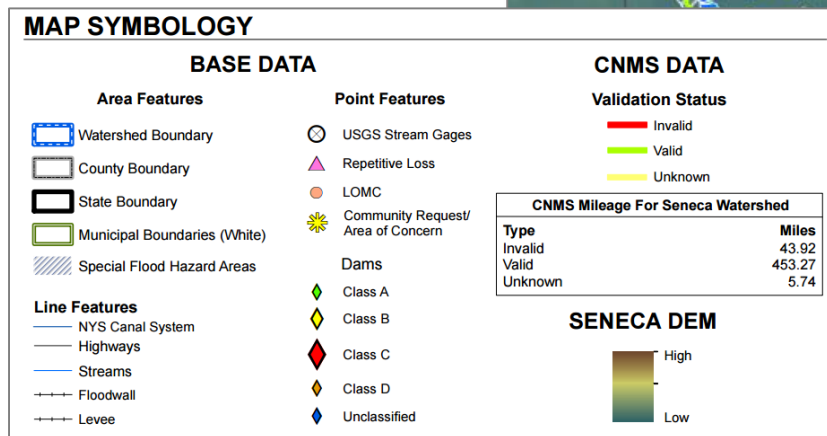


The image shows the front cover of a FEMA Discovery Report form. The top half is a solid dark blue rectangle. Below this, the title "Discovery Report" is centered in a blue serif font. Under the title, there are four lines of text in a small, italicized font: "Watershed Name, Watershed Number", "County names", "Community names", and "State(s)". Below these is a line for "Report Number 00". To the right of these fields is a rectangular box containing the instruction: "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." Below the instruction box is the text "Delete this text box when complete." At the bottom left is the FEMA logo, which consists of a circular seal with an eagle and the words "DEPARTMENT OF HOMELAND SECURITY" around it, followed by the word "FEMA" in a large, 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.**



Data Collection: Background Data

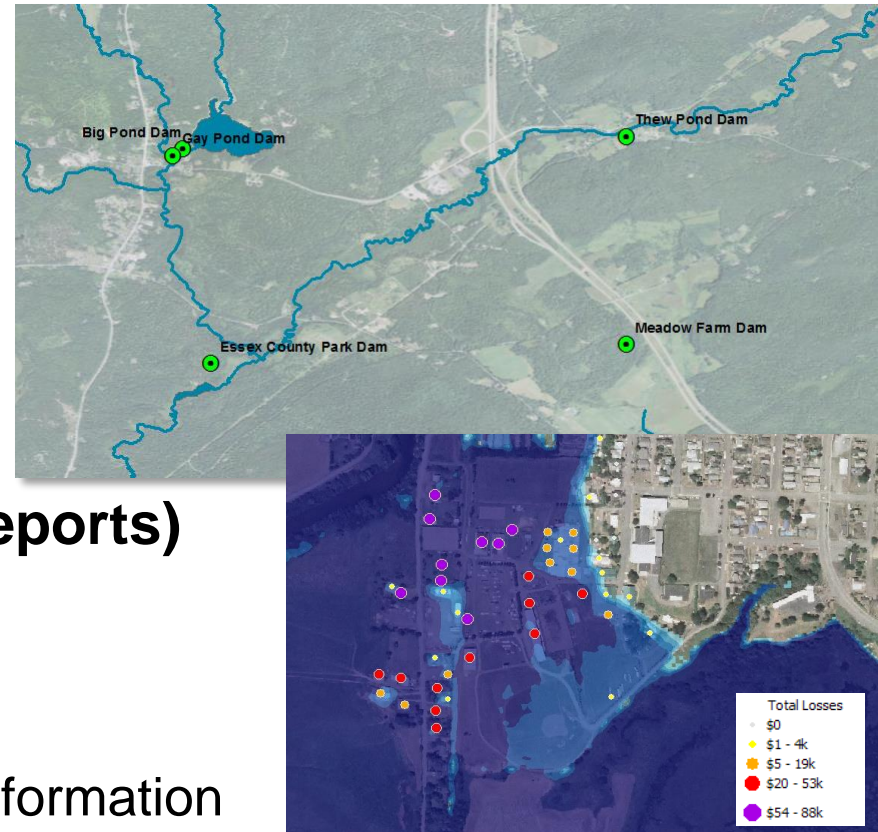
■ Flood Data

- 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



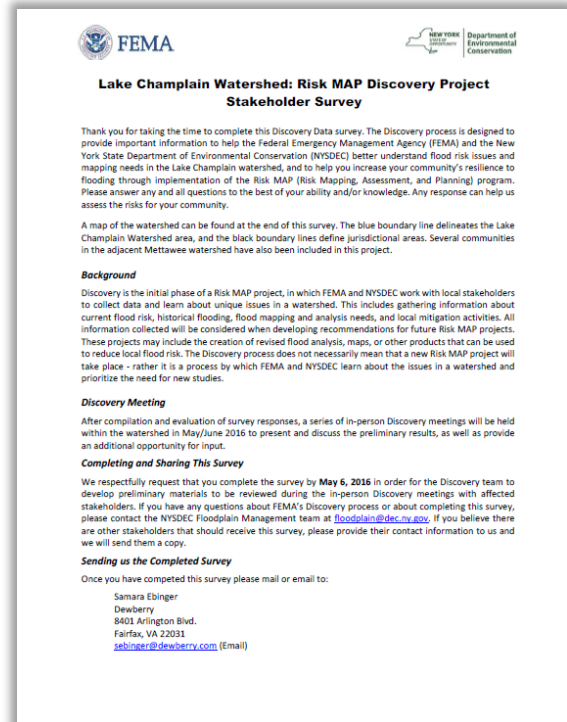
Data Collection: Background Data

- **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

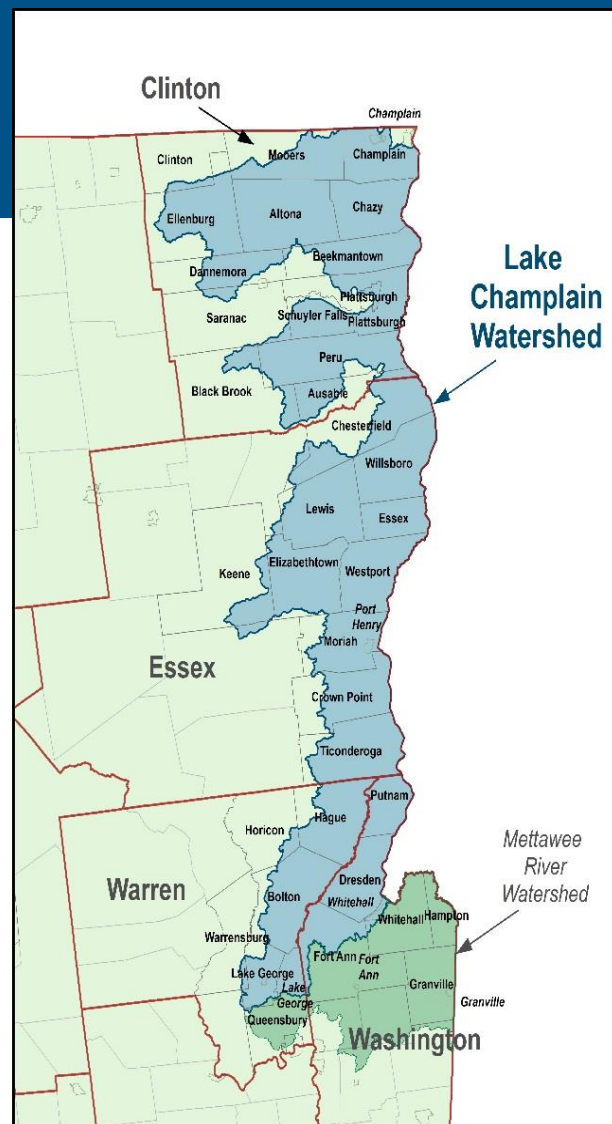


Project Schedule

- **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.**



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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.





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Questions?



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