

# Discovery Report Appendix N

## Watershed Summary Memorandums

### Lake Ontario – Chaumont-Perch Watershed

### HUC 04150102

*July 2016*



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

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Bureau of Flood Protection and Dam Safety

625 Broadway, Albany, New York 12233-3504

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www.dec.ny.gov

## MEMORANDUM

To: Alan Springett, FEMA Region II  
From: NYSDEC Floodplain Management Section  
Date: December 15, 2015  
Re: Chaumont-Perch Watershed Prioritized Mapping Requests

Pre-Discovery community engagement meetings were held for the Chaumont-Perch Watershed via webinar the week of September 16, 2013. The purpose of the pre-Discovery webinars was to discuss the Discovery process and collect information on community mapping needs, as well as determine if any existing data could be incorporated into a possible Risk MAP project. There were nine webinar meetings held for the counties, communities, and other interested stakeholders throughout the Lake Ontario Contributing watershed area. Stakeholders within the Chaumont-Perch watershed were specifically invited to attend the Pre-Discovery webinar on September 16, 2013; however they were welcome to attend any of the nine webinars held that week. Participation on the webinars was mixed with some counties and communities very interested in providing feedback and other communities less active in the conversation.

Following the pre-Discovery Engagement meetings the project team held ten Discovery meetings for stakeholders within the Lake Ontario Contributing watersheds during the weeks of November 11<sup>th</sup> and November 18<sup>th</sup>, 2013. There were two in-person meetings, the first was held during the morning of November 14<sup>th</sup> and the second meeting was held during the afternoon of November 14<sup>th</sup>, for stakeholders within the Chaumont-Perch watershed. During these meetings the project team followed up on the information collected during the pre-Discovery meetings and provided an additional opportunity for the communities and other stakeholders to give further information on mapping needs. NYSDEC used the information collected throughout the Discovery process, as well as information collected from previous stakeholder engagement meetings, to develop this list of stream restudy priorities. All study requests will be entered into CNMS to be considered for future floodplain mapping projects.

List of Stream Study Priorities for Chaumont Perch Watershed.

1. The Lake Ontario should like should be studied using detailed methods within the Town of Brownville, Town of Cape Vincent, Town of Henderson, and Town of Hounsfield. These communities have requested new detailed study of the Lake Ontario shoreline due to the amount of development along Lake Ontario and the low lying topography of the shoreline. A base flood elevation would be useful to aid community officials regulating development.
2. The Chaumont River should be studied using detailed methods in the Town of Clayton and Orleans for a distance of 14.1 miles and a revised detailed study in the Town of Lyme for an additional 3.5 miles. This total stream study for 17.6 miles was requested by the Town of Clayton and the Town of Orleans, as well as Jefferson County. The Town of Orleans is experiencing development pressure along the Chaumont River and updated base flood elevations would be useful. The Town of Clayton experiences flooding along the Chaumont River near the Route 12 Bridge in Depauville, especially in during the spring thaw and due to ice jams.

3. The Perch River should be studied using detailed methods for 9.6 miles in the Town of Brownville. Jefferson County has requested that this stream be studied due to the age and lack of detail on the current FEMA Flood Insurance Rate Map for the Town of Brownville.
4. Horse Creek should be studied by detailed methods for 3.8 miles within the Town of Lyme and the Village of Chaumont. There is a significant elevation drop in the creek as it enters the village which causes water to back up into the Town of Lyme. The stream is currently not mapped within the village. This study was requested by both the Town of Lyme and the Village of Chaumont.
5. Soper Creek should be studied by detailed methods for 1.0 mile in the Town of Lyme. The current study is outdated and there is dense development in this part of the town along Three Mile Bay. This study was requested by the Town of Lyme.
6. Mill Creek should be studied by detailed methods for 1.1 miles in the Village of Sackets Harbor. This study was requested by Jefferson County due to increased development in this area.
7. Three Mile Creek should be studied by detailed methods for 1.0 mile in the Town of Lyme. The stream is currently and approximate study and has been requested to be restudied by the Town of Lyme due to the amount of development in proximity to the stream.
8. Rays Bay Road Creek should be a new detailed study confluence with Rays Bay to approximately 1 mile upstream. This stream was requested by the Town of Henderson as a detailed study due to repeated flooding in this area.

Communities also provided a list of stream segments where they would like to see updated approximate studies. Any mapping project moving forward should include these updated approximate studies if the required topography is available.

9. Kents Creek should be updated as a digital approximate study for 6.7 miles in the Town of Cape Vincent due to development in the area. This study was requested by the Town of Cape Vincent.

**Requests outside of the project area:**

- The Black River should be studied by detailed methods for 35.5 miles in from the Jefferson County corporate limits to the confluence with Muskegon Bay. This stream study was requested by the City of Watertown, Town of Pamela, and Jefferson County. The communities and county would like to see this stream updated due to the age of the current study and a number of hydraulic changes along the stream such as bridge and culvert replacements. (Black Watershed)
- Stony Creek should be studied by detailed methods for 12.1 miles in the Town of Henderson. There have been hydraulic changes to the stream, such as the bridge replacement on State Route 178. (Salmon-Sandy Watershed)
- Mullet Creek should be a detailed restudy through the Towns of Alexandria and Orleans for a distance of 6.1 miles. Both the Town and Jefferson County requested updated

hydraulics and advisory flood elevations to assist with development along the creek.  
(Headwaters to the St. Lawrence Watershed)

- Philomel Creek should be studied by detailed methods for 5 miles in the Town of Pamela due to a culvert replacement at Route 12. This stream study was requested by the Town of Pamela. (Black Watershed)
- Kelsey Creek should be studied by detailed methods for – miles in the Town of Pamela due to commercial development in this area. This stream study was requested by the Town of Pameilia. (Black Watershed)

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## MEMORANDUM

To: Lake Ontario Contributing Watersheds Discovery Project File  
From: NYSDEC Floodplain Management Section  
Date: September 2015  
Re: Chaumont-Perch Watershed Floodplain Mapping Requests Summary

One initial Community Engagement Webinar was held for all stakeholders within the Lake Ontario watershed on August 13, 2013. The purpose of this initial webinar was to introduce stakeholders to the Discovery project concepts and discuss upcoming timelines for future webinars and meetings that should be attended.

Pre-Discovery Community Engagement webinars were held for the counties and communities within the Lake Ontario Watershed the week of September 16, 2013 to collect information on communities mapping needs, as well as existing data that could be incorporated into a possible Risk MAP project. There were nine meetings held throughout the watershed. Participation was mixed with some counties and communities very interested in providing feedback and other communities more reticent.

Ten FEMA Risk MAP Discovery meetings were held in the Lake Ontario Watershed over the two week time period from Tuesday November 12, 2013 to Thursday November 21, 2013. The purpose of these meetings were to present the draft Discovery Report containing the information collected at the Pre-Discovery meetings, and to provide the communities with an additional opportunity for input. Again, participation was mixed, with some communities providing additional information and others confirming the previously collected information.

This memo is a summary of the information collected through the engagement process for the Chaumont-Perch Watershed and will be used to determine the floodplain mapping restudy priorities.

**Jefferson County, CID# 36045C**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** November 2013

**Risk MAP Questionnaire:** November 2013

**Community Representatives:**

Jefferson County Planning Department

Michelle Bunny

175 Arsenal Street

Watertown NY 13604

315-785-3144

[michelleb@co.jefferson.ny.us](mailto:michelleb@co.jefferson.ny.us)

Jefferson County Planning Department

Andy Nevin

175 Arsenal Street

Watertown NY 13604

315-785-3144

[andyn@co.jefferson.ny.us](mailto:andyn@co.jefferson.ny.us)

Jefferson County Soil & Water Conservation District

Christine Watkins

PO Box 139

Watertown, NY 13601

315-782-2749

[cwatkins@centralny.twcbc.com](mailto:cwatkins@centralny.twcbc.com)

**Jefferson County Stream Study Requests:**

1. The Perch River, Black River, and Chaumont River in the Town of Brownville should be restudied by detailed methods. No base flood elevations are available on existing maps which have limited legibility.
2. The Lake Ontario Shoreline and the St. Lawrence River should be studied using detailed methods in the Town of Cape Vincent. No base flood elevations are available on existing maps which have limited legibility.
3. The St. Lawrence River, Otter Creek, and Mullet Creek should be studied using detailed methods in the Town of Alexandria. No base flood elevations are available on existing maps which have limited legibility.
4. French Creek, the Chaumont River, and Mullet Creek should be studied using detailed methods in the Town of Clayton. No base flood elevations are available on existing maps which have limited legibility.
5. The Indian River and Black Creek should be restudied using detailed methods in the Town of Philadelphia. No base flood elevations are available on existing maps.
6. Sandy Creek and Stony Creek should be restudied using detailed methods in the Town of Adams. No base flood elevations are available on existing maps which have limited legibility.
7. The Indian River and the Oswegatchie River should be studied using detailed methods in the Town of Antwerp. No base flood elevations are available on existing maps which have limited legibility.

8. Sandy Creek, Stony Creek, and South Sandy Creek should be studied using detailed methods in the Town of Rodman. No base flood elevations are available on existing maps which have limited legibility.
9. The Indian River, Perch River and Oswegatchie River should be studied using detailed methods in the Town of Theresa. No base flood elevations are available on existing maps which have limited legibility.
10. The St. Lawrence River should be studied using detailed methods in the Village of Cape Vincent. No base flood elevations are available on existing maps which have limited legibility.
11. Sandy Creek and South Sandy Creek should be studied using detailed methods in the Village of Ellisburg. No base flood elevations are available on existing maps which have limited legibility.
12. The Black River should be restudied using detailed methods in the Village of Black River.
13. Sandy Creek should be studied using detailed methods in the Village of Adams. No base flood elevations are available on existing maps which have limited legibility.
14. The Black River should be studied using detailed methods in the Village of Brownville. . No base flood elevations are available on existing maps which have limited legibility.
15. The Indian River should be restudied using detailed methods in the Village of Theresa.

Lower Priority stream segments recommended for restudy by Jefferson County by community are:

16. Sandy Creek, South Sandy Creek, and Skinner Creek should be studied using detailed methods for the Town of Ellisburg.
17. Bedford Creek, Stony Creek, and Little Stony Creek should be studied using detailed methods in the Town of Henderson.
18. Mill Creek, Muskellunge Creek, and Bedford Creek should be studied using detailed methods in the Town of Hounsfield.
19. The Chaumont Creek should be studied using detailed methods in the Town of Lyme.
20. The Mullet Creek, Chaumont River and the Perch River using detailed methods in the Town of Orleans.
21. The Black River, Sandy Creek should be studied by detailed methods in the Town of Champion. Sandy Creek would be a new study in the Town of Champion.
22. The Black River, Indian River and the Perch River should be studied by detailed methods in the Town of Lyme.
23. The Perch River, Kelsey Creek and the Black River should be studied using detailed methods in the Town of Pamelaia.
24. Sandy Creek and the Black River should be studied using detailed methods in the Town of Rutland.
25. The Black River and Mill Creek should be studied using detailed methods in the Town of Watertown.
26. Black Creek and Black River should be studied using detailed methods in the Town of Wilna.
27. The Black River and Mill Creek should be studied using detailed methods in the City of Watertown. Mill Creek would be a new study in the City of Watertown.
28. The St. Lawrence River and Otter Creek should be studied by detailed methods in the Village of Alexandria Bay.
29. The Black River and Black Creek should be studied by detailed methods in the Village of Carthage.
30. The Chaumont River should be studied using detailed methods in the Village of Chaumont.

31. French Creek and the St. Lawrence River should be studied using detailed methods in the Village of Clayton.
32. The Black River should be studied using detailed methods in the Village of Dexter.
33. The Indian River should be studied using detailed methods in the Village of Evans Mills.
34. The Black River should be studied using detailed methods in the Village of Herrings.
35. The Indian River and Black Creek should be studied using detailed methods in the Village of Philadelphia.
36. Bedford Creek and Mill Creek should be studied using detailed methods in the Village of Sackets Harbor.
37. The Black River should be studied using detailed methods in the Village of West Carthage.

**Other information of interest:**

- GIS Users
  - Michelle Bunny, Jefferson County Planning Department
  - Town of Clayton has a strong GIS unit
  - City of Watertown has a strong GIS unit in the Engineering Department
    - POC would be Matthew Owen
- Existing Mapping Data
  - Political Boundaries are available as a digital layer from Jefferson County Real Property Office.
  - Transportation Layers are available as digital layers from State Records
  - Land Use and Soil type data is available as a digital layer. Parcel data can be used to determine land use and there is a national soil data set.
  - The County has a digital layer of Parcel data. The zoning data is a mix of digital and paper records. Forty-two communities do have zoning, two communities have no zoning. The County does all the mapping.
  - Building footprint data is not available. The City of Watertown may have some data.
  - No data on Essential and Critical facilities. The County Hazard Mitigation Plan may have some details.
  - No information on historical flood inundation areas.
- Coastal Data
  - No Bathymetry data is available.
  - No digital information on location of coastal structures. There are some near Cape Vincent.
  - No wave or tidal gauge data.
  - No wind stations, but there are some communities with proposed wind towers that may have some.
  - Beach nourishment projects are noted on County maps.
  - Sea Grant may be developing data on the inland limit of the primary frontal dune.
  - The County is currently digitizing the 2011 shoreline.
  - Buffs are located in Town of Henderson and Village of Sackets Harbor as well as Town Brownville. Some of Pisan Point is bluff.
- Other Data:
  - There are some flood control structures in the County but unsure if there is any mapping. Contact Joe Plummer at Emergency Management for details.
  - The State should have details on Dam locations within the County.
    - Levees may be part of Dam Systems especially on the Black and Indian Hydro dams.
  - No survey data available.

- No rain or flood gage data available
- No piped or underground stream data available
- Unaware of an relevant reports with Hydrology or Hydraulic studied
- Historical Data
  - There have been political boundary changes for the Villages of Dexter, Philadelphia, and West Carthage. Michelle Bunny can provide a shape file of these changes.
  - There is historic flooding in Carthage and West Carthage along Route 3.
  - There are some low bridges in Adams that may cause flooding, Follow up with Joe Plummer or Frank Lampman (Works in Emergency Management)
  - There is repeated flooding along the Black River especially in the Village of Dexter and along Route 3 in the City of Watertown.
  - Prior mitigation activities have taken place in the Village of Clayton which had a storm sewer enhancement in 2011.
  - No known verifiable high water marks
  - There is repeated flooding along the Black River especially in the Village of Dexter and along Route 3 between City of Watertown and the Village of Black River with development, dam and levees near the Village of Black River.
    - The levees are part of the hydro dam systems on National Grid and Brookfield Power land.
- Community Plans and Projects
  - There is a 2011 Hazard Mitigation Plan
  - There is some development in the County:
    - There either is development or development pressure in Villages of Black River, Carthage, Evans Mills, and the Towns of LeRay.
    - Much of the development is Fort Drum related.
    - There is a lot of shoreline development occurring in the Chaumont Bay in the Towns of Lyme and Brownsville.
    - There is waterfront development in the Village of Alexandria Bay and the Village of Clayton
  - The County has a map of the local comprehensive plan status.
  - The County has an agricultural protection plan since 2002. The County is working on an update.
  - There are MS4 communities along the Black River corridor from Carthage to Watertown to Dexter.
    - 9 communities in all
    - Soil and Water is coordinating the new MS4 area.
  - There is the Black River Watershed Management Plan
    - Check with Lewis County Soil and Water Conservation District for details.

**Other information of interest:**

- There are dune stabilization projects along the shoreline in the Town of Ellisburg.
- There is a Fish and Wildlife grant for a stream bank stabilization project on Sandy Creek in the Town of Ellisburg.
- There are some erosion issues on Route 69 along Sandy Creek in the town of Rutland.
- Digital Maps must have Metadata associated with them.
- Thousand Islands with a year round population are:
  - Wellesley Island
  - Grindstone Island

- Send Michelle Bunny a data layer of the countywide map.
- Included a copy of the agenda from Jefferson County Cooperative Stormwater Group
  - Towns of LeRay, Rutland, Watertown
  - Villages of Black River, Brownville, Carthage, Dexter, West Carthage
  - City of Watertown
- Included a list of communities with floodplain maps in Jefferson Co and the “quality” of those maps. Reports limited legibility of the floodplain maps in 5 Villages and 8 Towns.
  - Villages of Adams, Brownville, Cape Vincent, Ellisburg, Theresa
  - Towns of Adams, Alexandria, Antwerp, Brownville, Cape Vincent, Clayton, Rodman, Theresa
  - County will follow up with prioritizations

## **Tug Hill Commission**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** November 2013

**Risk MAP Questionnaire:** November 2013

**Representative:** Jennifer Harvill  
317 Washington Street  
Watertown, NY 13601  
315-785-2392  
[jennifer@tughill.org](mailto:jennifer@tughill.org)

### **Information Provided:**

- The Tug Hill commission doesn't do much GIS creation.
  - Contact Marty Dietrich at Tug Hill Commission, [mickey@tughill.org](mailto:mickey@tughill.org)
- Tug Hill Commission does not collect or keep data and does not work in coastal areas.
- Not a lot of familiarity with flood maps or mapping needs.
- There is development in the Fort Drum area
- The Tug Hill Jurisdiction is:
  - Town of Watertown
  - Town of Rutland
  - Town of Champion
  - Town of Carthage / Village of Carthage
  - Village of Black River
  - Town of Hennings
  - Town of Rodman
  - Town of Lorraine
  - Town of Adams
  - Town of Wirth

**Town of Brownville, Jefferson County CID#361063 (Participating)**

**Pre- Discovery Session: Did not attend**

**Discovery Meeting: Did not attend**

**Risk MAP Questionnaire: None submitted**

**Community Representatives: N/A**

**Town of Brownville Stream Study Requests:**

- The Town of Brownville chose not to attend either pre-Discovery webinars or the in-person Discovery meetings. No Community Risk MAP questionnaire was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

**Town of Cape Vincent, Jefferson County CID#361062 (Participating)**

**Pre- Discovery Session:** September 2014

**Discovery Meeting:** November 2014

**Risk MAP Questionnaire:** September 2014 (partial)

**Community Representatives:**

Urban Hirschey  
1964 NYS Route 12 E  
Cape Vincent NY 13618  
315-654-3795  
uhirschey@townofcampevincent.org

Cliff Schneider  
1964 NYS Route 12 E  
Cape Vincent NY 13618

Jim Millington  
1964 NYS Route 12 E  
Cape Vincent NY 13618

**Town of Cape Vincent Stream Study Requests:**

1. The Shore of Lake Ontario should be restudied as an approximate study since this is an area of lower elevation.
2. Kents Creek/Mud Bay should be an updated approximate study due to development in the area.

**Other Information of Interest:**

- Remainder of the worksheet was not submitted. A note indicates it will be mailed in later. As of October 2014 no additional information received.

## **Town of Clayton, Jefferson County CID# 360330 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** Did not attend

**Risk MAP Questionnaire:** December 11, 2013

**Community Representatives:** Christy Page  
17493 Blind Bay Road  
Clayton, NY 13624  
404-936-6620  
[cap@fourthcoast.com](mailto:cap@fourthcoast.com)  
[dhunneyman@ridgeviewtel.us](mailto:dhunneyman@ridgeviewtel.us)

### **Town of Clayton Stream Study Requests:**

1. Chaumont River should be a new detailed study thought the Town of Clayton. The Route 12 Bridge in Depauville is flooded by the river frequently. The main cause of the flooding is ice jams that occur in early spring.

### **Other Information of Interest:**

- Other Stakeholders
  - None listed
- GIS Users
  - Jefferson County Planning, 175 Arsenal Street, Watertown, NY 13601
  - Development Authority of North Country (DANC) 317 Arsenal Street, Watertown, NY 13601
- Existing Mapping Data
  - The following information is available in a digital format from the DANC:
    - Political boundaries
    - Transportation layers
    - Land use and soil data
    - Parcel and Zoning data
  - The following information is not available:
    - Building footprints
    - Essential and critical facilities
    - Historical flood inundation areas
- Coastal Data
  - The following information is available:
    - Bathymetry is available in a digital format from DANC
    - Historic shoreline change data is available in hard copy format from NYSDEC
    - Areas with significant beach or bluff erosion is available in hard copy format from NYSDEC
  - The following information is not available:
    - Location of coastal structures
    - Wave or tidal gage data
    - Location of wind stations
    - Location of beach nourishment/dune restoration projects
    - Inland limit of the primary frontal dune
    - Bluff recession rate data
    - Coastal bluff setback regulations

- Other Data
  - There is no information on flood control structures
  - DEC Dam Safety Section would have information on Lucky Star Lake Dam.
  - There is no information on piped or underground streams.
- Flood Mitigation Planning, Mapping Needs and Historical Data
  - The current maps are not accurate.
    - The Route 12 Bridge in Depauville over the Chaumont River needs updating. The River floods up to and over the bridge. Ice much be broken ever spring in that location or additional flooding will occur upstream.
  - The Town does not have any experience with flood disaster and flood disaster recovery.
  - The Town has not had any prior flood mitigation activities.
  - It is unknown if there are any verifiable high water marks
  - In Depauville the Route 12 Bridge over the Chaumont River repeatedly floods.
- Community Plans and Projects
  - The Town has a Hazard Mitigation Plan that was adopted in 2011.
    - The Town participates in the Jefferson County Hazard Mitigation Plan.
  - There is development pressure along the waterfront.
    - The Town and Village of Clayton have a joint Local Waterfront Revitalization Program.
    - Drafted August 2011
  - The Town of Clayton has a Comprehensive Plan adopted in July of 2012
  - The Town does not have the following plans:
    - Land Use and Development Plan but has the Local Waterfront Revitalization Plan
    - Open Space Plan
    - Storm Water Plan or Program
    - Watershed Management Plan

**Town of Henderson, Jefferson County CID# 360338 (Participating)**

**Pre- Discovery Session:** September 2013

**Discovery Meeting:** November 2013

**Risk MAP Questionnaire:** November 2013

**Community Representatives:** Eric Sheldon

PO Box 52

Lorraine, NY

315-767-2016

ZEOECSheldon@Frontier.com

**Town of Henderson Stream Study Requests:**

1. Lake Ontario should be a detailed study with a Base Flood Elevation. Some areas of the shoreline have lower elevations and are highly developed.
2. Rays Bay Road Creek should be a new detailed study from the confluence with Rays Bay to approximately 1 mile upstream. This is an area of repeated flooding.
3. Stony Creek should be an updated detailed study from the confluence with Lake Ontario to Henderson Pond. There has been a bridge replacement on State Route 178.
4. In general the maps for the Town are difficult to use for making determinations due to age and scale. Updated digital maps are needed.

**Other Information of Interest:**

- Other Stakeholders
  - Ray Walker, Town Supervisor; 315-938-5542, ext 27
- GIS Users
  - Jefferson County Planning, 175 Arsenal Street, Watertown, NY 13601
- Existing Mapping Data
  - The following information is available in a digital format from the Jefferson Co Planning Department:
    - Political boundaries
    - Transportation layers
    - Land use and soil data
    - Parcel and Zoning data
    - Building footprints
    - Essential and critical facilities
    - Historical flood inundation areas
- Coastal Data
  - No Coastal information is available
- Other Data
  - No other useful data is available
- Flood Mitigation Planning, Mapping Needs and Historical Data
  - The current Flood maps are not accurate.
    - The maps are difficult to use for determinations.
    - Cannot tell if a structure is in or out of the floodplain due to scale
  - The Town does not have any experience with flood disaster and flood disaster recovery.
  - The Town has not had any prior flood mitigation activities.

- On the floodway panel there is a high water mark on Crystal Lake (AKA Six Town Pond) on the east shore
- Rays Bay in the marshy area repeatedly floods.
- Community Plans and Projects
  - The Town does not have a Hazard Mitigation Plan
  - There is no development pressure within the community.
  - The Town of Henderson has Land Use and Development Plan.
    - The Zoning Plan is available from Eric Sheldon
  - The Town has a Comprehensive Plan
    - Contact Eric Sheldon for information
  - The Town does not have the following plans:
    - Open Space Plan
    - Storm Water Plan or Program
    - Watershed Management Plan
  - The Town of Henderson would like additional training in:
    - Floodplain Management
    - Hazard Mitigation
    - Building and Enforcement Guidance
  - Additional Comments:
    - There is a new bridge on Route 178.
      - The State replaced the bridge.
      - DOT should have any information
    - Along the lower elevations along the Lake (Henderson Bay) it would be helpful to have a more detailed/newer map
  - Comments from Work Map:
    - Repeated flooding at the mouth of a tributary to Lake Ontario near the Rays Bay Road.
    - Crystal Lake is known as Six Town Pond.
    - There are high water marks along the western shoreline of Crystal Lake.
    - New bridge crossing Stony Creek at Route 178 in the hamlet of Henderson.
      - This change is since the maps were issued.
    - The shoreline of Henderson Bay has a low elevation. More detailed maps would be useful.

**Town of Hounsfield, Jefferson County CID# 360321 (Participating)**

**Pre- Discovery Session:** September 2013

**Discovery Meeting:** Did not attend

**Risk MAP Questionnaire:** September 26, 2013

**Community Representatives:** Marlene Lennox, Zoning Officer

17189 County Route 62

Watertown, NY 13601

315-788-3025

[Mlenn3025@yahoo.com](mailto:Mlenn3025@yahoo.com)

**Town of Hounsfield Stream Study Requests:**

- A Community Risk MAP Questionnaire was submitted for the Town dated September, 26, 2013. It was noted in the questionnaire that the current FIRMs for the Town are not accurate. However, no details were provided about what stream segments need updated studies. Absent different information, we are assuming the Town is satisfied with the current FIRMs and has no new flood study requests at this time.

**Other Information of Interest:**

- Other Stakeholders
  - None provided
- GIS Users
  - None provided
- Existing Mapping Data
  - The following information is available in a digital format from the Jefferson Co Planning Department:
    - Essential and critical facilities
  - The following data is available in hard copy
    - Political boundaries are available on the Nov 20, 1991 FIRMs
    - Parcel and Zoning data is available on the Nov 20, 1991 FIRMs
    - Historical Flood Inundation areas are available on the Nov 20, 1991 FIRMs
    - Building footprint data is available from the Town's Zoning maps
  - The following information is not available
    - Transportation layers
    - Land Use and Soil data
- Coastal Data
  - No Coastal information is available
- Other Data
  - No other useful data is available
- Flood Mitigation Planning, Mapping Needs and Historical Data
  - The current Flood maps are not accurate.
    - No further details provided
  - The Town does not have any experience with flood disaster and flood disaster recovery.
  - The Town has not had any prior flood mitigation activities.
  - There are no verifiable high water marks within the Town.
  - There are no areas which repeatedly flood within the Town of Hounsfield

- Community Plans and Projects
  - The Town does not have a Hazard Mitigation Plan
  - There is no development pressure within the community.
  - The Town of Hounsfield has Land Use and Development Plan.
    - The Zoning Plan is available from Marlene Lennox
  - The Town has an Open Space Plan
    - Passed in 2003
    - Route 3 is protected
    - Contact Marlene Lennox for more information
  - The Town has a Comprehensive Plan
    - Contact Marlene Lennox for information
  - The Town does not have the following plans:
    - Storm Water Plan or Program
    - Watershed Management Plan
  - The Town of Hounsfield would like additional training in:
    - Floodplain Management
    - Hazard Mitigation
    - Building and Enforcement Guidance
    - How to use the Environmental Mapper on the DEC website

**Town of Lyme, Jefferson County CID# 360343 (Participating)**  
**Village of Chaumont, Jefferson County CID# 360329 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** November 2013

**Risk MAP Questionnaire:** November 2013

**Community Representatives:** Jim Millington, Code Enforcement Officer  
PO Box 66  
12175 NYS Route 12 E  
Chaumont, NY 13622

David Lachenauer  
PO Box 66  
12175 NYS Route 12 E  
Chaumont, NY 13622

**Town of Lyme Stream Study Requests:**

- It was noted on the Community Risk MAP Worksheet that County representatives would follow up with a list of stream restudy or new study prioritizations.
- During the in-person Discovery meeting the following stream reaches were prioritized:
  1. Horse Creek should be studied as a detailed study in both the Village of Chaumont and the Town of Lyme. There is a significant elevation drop which causes water to back up into the Town of Lyme.
  2. Soper Creek should be restudied as a detailed study. This creek impacts Three Mile Bay.
  3. Three Mile Creek should be restudied. This creek frequently floods due to ice dams.

**Village of Chaumont Stream Study Requests:**

1. Horse Creek should be a new detailed study. There is a significant elevation drop in the creek and water backs up into the Town of Lyme.

**Other information of interest:**

- Additional Stakeholders
  - None provided
- GIS Users
  - None provided
  - The Town and Village rely on the County for GIS.
- Existing Mapping Data
  - Political Boundaries should be updated. The Village of Chaumont has annexed two lots on south-east side of the Village.
  - Transportation Layers might be available from the County. There are none in the Village. Potentially the Highway Superintendent would have some information.
  - Both the Town of Lyme and the Village of Chaumont planning boards are updating their zoning.
  - The Town and Village Tax Assessor may have parcel data.
  - Jefferson County Planning Department might have building foot print data.

- No data on Essential and Critical facilities.
- No information on historical flood inundation areas.
- Coastal Data
  - No Bathymetry data is available.
  - No digital information on location of coastal structures. There are some near Cape Vincent.
  - No wave or tidal gauge data.
  - No wind stations, but the local marina/yacht club (on Sawmill Bay) might have some data
  - No information on beach nourishment project. The coastal area primarily has a limestone shoreline.
  - No information on the inland limit of the primary frontal dune
  - No information on historic shoreline change
  - No information on areas with significant beach or bluff erosion
  - No information on bluff recession rates
  - No information on coastal bluff setback regulations.
- Other Data:
  - No flood control project location data available
  - No information on dams within the community is available.
  - No survey data available.
  - No rain or flood gage data available
  - There is an underground stream at Three Mile Bay near Three Mile Point Road and Route 12 E.
  - The State developed some ponds in a project at the Ashland Flats State Wildlife Management area. There may be some hydrologic or hydraulic information available.
- Flood Mitigation Planning, Mapping Needs and Historical Data
  - The current maps are not accurate. The following creeks should have revised studies:
    - Horse Creek
    - Soper Creek
    - Three Mile Creek
  - The communities do not have experience with flood disasters or flood recovery.
  - There are no known prior mitigation activities.
  - No known verifiable high water marks
  - There is isolated ponding within the Town of Lyme.
- Community Plans and Projects
  - No information was provided on the Hazard Mitigation Plan status.
  - There is some development along the Chaumont River.
    - The Town of Clayton is developing a Chaumont River corridor study.
    - There are few islands with year-round residents. Most are privately owned.
  - There is a Land Use and Development Plan.
    - The Land Use code is being updated by both the Town and Village.
  - Additional outreach is needed:
    - Floodplain Management Training
    - Hazard Mitigation Training
    - Building and Enforcement Guidance
    - Need training in all three but would like the focus to be on political officials so they understand why things are done.



**Town of Orleans, Jefferson County CID# 360345 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** Did not attend

**Risk MAP Questionnaire:** December 11, 2013

**Community Representatives:** Christy Page  
17493 Blind Bay Road  
Clayton, NY 13624  
404-936-6620  
[cap@fourthcoast.com](mailto:cap@fourthcoast.com)

**Town of Orleans Stream Study Requests:**

1. The Chaumont River should be an updated limited detailed study due to increased development in various areas throughout the Town.
2. Mullet Creek should be an updated limited detailed study due to development in areas along the creek.

**Other information of interest:**

- Additional Stakeholders
  - Jefferson County Planning Department
  - Development Authority of the North Country
- GIS Users
  - None provided
- Existing Mapping Data
  - The following layers are available in digital format:
    - Political boundaries
    - Transportation layers
    - Land use and soil data
    - Parcel and Zoning data
  - The following layers are not available:
    - Building and foot print data
    - Essential and Critical facilities
- Coastal Data
  - Bathymetry is available as a digital file.
  - There is hardcopy information showing historic shoreline change data.
  - There is hardcopy information showing areas of significant beach or bluff erosion.
- Other Data
  - There is digital information providing information on the location of dams within the community.
- Flood Mitigation Planning, Mapping Needs and Historical Data
  - The current FEMA flood maps are not accurate
    - There are eight areas noted as needing updates due to development or flooding.
  - The Community does not have experience with flood disasters and flood recovery
  - There are areas within the Town of Orleans that repeatedly flood.
    - No further details provided.

**Town of Pamela, Jefferson County CID# 360346 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** November 2013

**Risk MAP Questionnaire:** November 14, 2013

**Community Representatives:** Harry Potter, Chairman of Planning Board  
27256 Perch Lake Road  
Watertown, NY 13601  
315-782-5768  
[wpotter@twcnj.rr.com](mailto:wpotter@twcnj.rr.com)

**Town of Pamela Stream Study Requests:**

1. The Black River should be studied as a limited detailed study from the downstream corporate limit to the upstream corporate limit. Boundary of the Town should be updated as it does not include the islands.
2. Philomel Creek should be a detailed study from south of Route 12 and Lake Road intersection to Hinds Road. There has been a culver replacement across Route 12 and there new developments along Route 342 and Route 37.
3. Kelsey Creek should be an updated detailed study due to new commercial development near creek.

**Other Information of Interest:**

- Other Stakeholders:
  - Walter VanTassel, 25859 NYS Route 37, Watertown NY 13601;
  - Dennis Hoiston, Highway Superintendent, 25856 NYS Route 37, Watertown NY 13601
- No Additional GIS Users
- Existing Mapping Data
  - Please note the Town boundary needs correction in the South-west corner
  - Transportation layers are maintained by Jefferson County
  - There is a hard copy map of the tax parcel data in the Town but the actual data is probably maintained by the County.
  - Does not have any information on either Essential and Critical Facilities or Building Footprints.
- Other Data
  - The Town does not have or maintain information on the following categories:
    - Location of Dams
    - Location of flood control structures
    - Local survey data
    - Rain and Flood gage data
    - Location of underground or piped stream
    - Any relevant reports
- Flood Mitigation Planning, Mapping Needs and Historical Data
  - Floodplain maps are accurate as depicted
  - Town has no experience with flood disasters or flood recovery efforts
  - No prior mitigation activities within the Town
  - No verifiable high water marks in the Town of Pamela
  - No areas in the Town of Pamela that are subject to repeated flooding

- Community Plans and Projects
  - Not aware of any Hazard Mitigation Plan but the Town may be part of the Jefferson Co Plan.
  - No development pressure in the Town of Pamelaia
  - The Town of Pamelaia is in the process of adopting a Land Use and Development Plan. Harry Potter is the point of contact.
  - The Town does not have an Open Space Plan but one is needed.
  - The Town does not have a Comprehensive Plan
  - The Town does not have a Storm Water Plan
  - The Town is part of the Black River Watershed group
  - The Town would like additional training and outreach on the following topics:
    - Floodplain Management Training
    - Hazard Mitigation Training
    - Building and Enforcement Guidance

**Village of Sackets Harbor, Jefferson County CID# 360351 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** Did not attend

**Risk MAP Questionnaire:** None submitted

**Community Representatives:** N/A

**Village of Sackets Harbor Stream Study Requests:**

- The Village of Sackets Harbor chose not to attend either pre-Discovery webinars or the in-person Discovery meetings. No Community Risk MAP questionnaire was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.
- Jefferson County representatives that attended the meeting made the request for a restudy of Mill Creek as an updated detailed study through the Village. This study request was made due to growth and development in the area.

**City of Watertown, Jefferson County CID# 360354 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** November 2013

**Risk MAP Questionnaire:** September 10, 2013

**Community Representatives:** Kurt W Hauk, PE

City Hall  
245 Washington Street, Suite 305  
Watertown, NY 13601  
315-785-7740  
[khauk@watertown-ny.gov](mailto:khauk@watertown-ny.gov)

**City of Watertown Stream Study Requests:**

1. The Black River should be restudied as a detailed study through the City. There have been many changes to the hydraulics of the river including dam removals and a bridge replacement.

**Other Information of Interest:**

- Other Stakeholders:
  - City of Watertown Engineering Department; Justin Wood, PE; City Hall, 245 Washington St, Suite 305, Watertown, NY 13601; 315-785-7740; [jwood@watertown-ny.gov](mailto:jwood@watertown-ny.gov)
  - City of Watertown Engineering Department; Matt Owen; City Hall, 245 Washington St, Suite 305, Watertown, NY 13601; 315-785-7793; [mowen@watertown-ny.gov](mailto:mowen@watertown-ny.gov)
  - City of Watertown Engineering Department; Shawn McWayne; City Hall, 245 Washington St, Suite 305, Watertown, NY 13601; 315-785-7735; [smcwayne@watertown-ny.gov](mailto:smcwayne@watertown-ny.gov)
  - City of Watertown Engineering Department; Ken Mix; City Hall, 245 Washington St, Suite 305, Watertown, NY 13601; [kmix@watertown-ny.gov](mailto:kmix@watertown-ny.gov)
- GIS Users
  - Matt Owen, City of Watertown Engineering Department, City Hall, 245 Washington Street, Suite 305, Watertown, NY 13601; 315-785-7792; [mowen@watertown-ny.gov](mailto:mowen@watertown-ny.gov)
- Existing Mapping Data
  - The following layers are available in digital format from Matt Owen at the City of Watertown:
    - Political Boundaries
    - Transportation Layers
    - Parcel and Zoning Data
    - Essential and Critical Facilities Data
    - Historical Flood Inundation Areas
  - Building Footprint data is available in hard copy format only.
  - Land Use and Soil data is not available.
- Other Data
  - A digital shapefile of Dams in the community is available from Matt Owen
  - There is a USGS gage with hard copy information available from Matt Owen.
  - There is a piped and underground stream at LeRay Street within the City of Watertown but no information is available. Contact Kurt Hauk for details.
  - There are no relevant hydrologic or hydraulic reports available.

- Flood Mitigation Planning:
  - The current FEMA special flood hazard areas are not accurate for the City of Watertown.
    - No stream locations with inaccuracies were listed on the worksheet.
  - The City has not experienced any flood response or recovery activities.
  - The City has not undertaken any flood mitigation activities
  - There are no verifiable high water mark within the City.
  - Huntington Street at the Black River experiences repeated flooding. Contact Kurt Hauk for details.
- Community Plans and Projects
  - The City of Watertown has a Hazard Mitigation Plan.
    - Adopted in 2008
    - Available on the City's website
    - Contact Kurt Hauk for details.
  - City of Watertown has a Land Use and Development Plan
    - Adopted 1987
    - Contact Kurt Mix
  - There is no Open Space Plan however there is a Draft LANRP Erosion Control Plan.
    - Contact Ken Mix for details
  - The City does not have the following plans:
    - Stormwater Plan
    - Comprehensive Plan
    - Watershed Management Plan
  - The City would like to see accurate updated flood maps.

**Town of Watertown, Jefferson County CID# 360355 (Participating)**

**Pre- Discovery Session:** Did not attend

**Discovery Meeting:** Did not attend

**Risk MAP Questionnaire:** None submitted

**Community Representatives:** N/A

**Town of Watertown Stream Study Requests:**

- The Town of Watertown chose not to attend either pre-Discovery webinars or the in-person Discovery meetings. No Community Risk MAP questionnaire was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.