

Discovery Report Appendix N

Watershed Summary Memorandums

Lake Ontario – St. Lawrence Watershed

HUC 04150309

July 2016



FEMA

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

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MEMORANDUM

To: Alan Springett, FEMA Region II
From: NYSDEC Floodplain Management Section
Date: September 15, 2015
Re: Headwaters to the St Lawrence Watershed Prioritized Mapping Requests

Pre-Discovery community engagement meetings were held for the Headwaters to the St Lawrence 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 data that might exist 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 Headwaters to the St Lawrence 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 more reticent to provide information.

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 11th and November 18th, 2013. There were two in-person meetings held on November 14th for stakeholders within the Headwaters of the St Lawrence 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 to develop this proposed scope. Certainly more stream requests were provided than can be studied as part of this project and all additional study requests will be entered into CNMS to be considered for future floodplain mapping projects.

List of Stream Study Priorities for Headwaters to the St Lawrence Watershed.

1. The Lake Ontario Shoreline should be restudied using detailed methods. This was requested by several communities, including the Town of Cape Vincent, Town of Alexandria, and Jefferson County on behalf of the Village of Clayton, due to development pressure along the lakefront and the lack of detailed mapping. A base flood elevation would be useful to aid community officials permitting building. Some of the lower elevation areas along the lake shore flood, which impact roads and access to properties. This includes bays, such as Goose Bay in the Town of Clayton.
2. The St. Lawrence River, including Alexandria Bay, should be upgraded to a detailed study for a distance of 68.3 miles. This request was made by St. Lawrence County, Town of Alexandria on behalf of the Village of Alexandria Bay, the Town of Hammond, and the City

of Ogdensburg due to the lack of detailed, and in some cases inaccurate information along the St. Lawrence River. The Village of Alexandria Bay experiences flooding along the St. Lawrence, while the City of Ogdensburg believes the approximate floodplain extents are overstated. There is significant waterfront development in the Village of Alexandria Bay, Town of Hammond, Town of Morristown, and the City of Ogdensburg. This is the 1000 islands resort area which sees a great deal of waterfront development. The Town of Waddington, which is outside the project area, also requested an updated study of the St. Lawrence River.

3. French Creek should be restudied through the Village of Clayton for a distance of 1.4 miles by detailed methods. This stream restudy request was made by Jefferson County on behalf of the Village due to the increased development pressure within the Village.
4. 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.
5. Otter Creek should be a new detailed study from its confluence of The Narrows to the upstream limit for a distance of 5.8 miles through the Town of Alexandria and the Village of Alexandria Bay. Routine flooding occurs near the State Route 12 Bridge crossing.

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.

6. Chippewa Creek should be restudied using approximate methods for a distance of 9.6 miles in the Town of Hammond and the Town of Morristown. There are several to bridge and culvert replacements along this creek through the Town.

Requests outside of the project area:

- The Chaumont River should be an upgraded study 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 restudy 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 at Depauville, especially in during the spring thaw and due to ice jams. (Chaumont Perch Watershed)
- Kents Creek and Mud Bay should be studied using approximate methods through the Town of Cape Vincent for a distance of 6.6 miles. This revised study is needed due to development pressure along this stream reach. (Chaumont Perch Watershed)
- The Oswegatchie River should be an updated detailed study due to changes in the hydraulic conditions through the City of Ogdensburg for a distance of 1.0 miles. There is development occurring along this river segment and updated floodplain extents would be useful. (Oswegatchie Watershed)

- The St. Lawrence River in the Town of Waddington should be restudied using detailed methods. (Upper St Lawrence Watershed)
- Black Creek should be restudied as a new approximate study for 12 miles through the Town of Hammond. The Town requested this restudy due to the potential for future development and due to changes to the hydraulic changes including bridge and culvert replacements. (Indian Watershed)
- Butterfield Lake, within the Town of Alexandria, should be restudied to develop a base flood elevation due to routine flooding along the lake shore. (Indian Watershed)
- Mud Lake, within the Town of Alexandria, should be restudied to develop a base flood elevation due to flooding along the lake shore. (Indian Watershed)
- St. Lawrence County would like to see updated mapping in the Village of Canton and the Village of Potsdam. There is significant development in these communities due to the number of colleges and universities in the area. Clarkson University and SUNY College Potsdam are located within the Village of Potsdam which is impacted by the Raquette River and SUNY Tech Canton and St Lawrence University are both located within the Village of Canton which is impacted by the Grass River. (Raquette and Grass Watersheds)

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MEMORANDUM

To: Lake Ontario Contributing Watersheds Discovery Project File
From: NYSDEC Floodplain Management Section
Date: December 2014 Rev. September 2015
Re: Headwaters of the St Lawrence River Watershed Floodplain Meeting 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.

Following the Pre-Discovery Community Engagement webinars, ten FEMA Risk MAP Discovery meetings were held throughout 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 was 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 Headwaters to the St. Lawrence River Watershed and will be used to determine the floodplain restudy priorities.

Jefferson County, CID# 36045C

Pre- Discovery Session: Did not attend
Discovery Meeting: November 2013
Risk MAP Questionnaire: November 2013

County Representatives:

Jefferson County Planning Department
Michelle Bunny
175 Arsenal Street
Watertown, NY 1304
315-785-3144
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

Jefferson County Soil & Water Conservation District
Christine Watkins
PO Box 139
Watertown, NY 13601
315-782-2749
cwatkins@centralny.twcbc.com

Jefferson County 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. Jefferson County later provided a spreadsheet with a listing of communities and the associated streams they would like restudied using detailed methods. The stream segments and communities were not individually prioritized.

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 is available 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 is available.
 - No wind stations data is known, 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 Pilan 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 from Jefferson County 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

Information Provided:

- The Tug Hill commission doesn't do much GIS creation.
 - Contact Marty Dietrich at Tug Hill Commission, 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 Alexandria, Jefferson County CID#360326 (Participating)

Pre- Discovery Session: Did not attend

Discovery Meeting: Did not attend

Risk MAP Questionnaire: 11/26/2013

Community Representatives: Christy Page

Town of Alexandria / Fourth Coast

17493 Blind Bay Road

Clayton, NY 13624

404-936-6620

cap@fourthcoast.com

Town of Alexandria's Stream Study Requests:

1. Otter Creek should be a new approximate study due to flooding near State Route 12.
2. Goose Bay should be an updated approximate study due to flooding along Goose Bay Road.
3. Butterfly Lake should be an updated approximate study due to flooding along the lake.
4. Mud Lake should be an updated approximate study due to flooding along the lake.

Other Information of Interest

- Other Stakeholders
 - None listed
- GIS Users
 - Jefferson County Planning, 175 Arsenal Street, Watertown, NY 13601; 315-785-3144
 - Development Authority of North Country, 317 Arsenal Street, Watertown, NY 13601; 315-661-3200
- Existing Mapping Data
 - The Development Authority of North County has the following information in a digital format:
 - 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 Development Authority of North County has the bathymetric information in a digital format.
 - NYSDEC has historic shoreline change data and areas with significant beach or bluff erosion in hard copy format.
 - The following information is not available:
 - Location of coastal structures
 - Wave or tidal gauge data
 - Location of wind stations
 - Location of beach nourishment and dune restoration projects
 - Bluff recession rate data

- Coastal bluff setback regulations
- Other data:
 - NYSDEC has the location of dams in NYS in a digital format
 - The location of flood control structures is not available
 - The location of any piped or underground streams within the Town is not available
 - No information was provided on:
 - Local survey data
 - Local rain and flood gage data
 - Relevant report or studies containing hydrology or hydraulic information.
- Flood Mitigation Planning, Mapping Needs, and Historical Data.
 - The current FEMA Special Flood Hazard Areas are not accurate for the Town of Alexandria.
 - 1. Lake Ontario Inlet near Route 12 should be studied. This is mostly rural but there is some development
 - 2. Lake Ontario should be studied. This is a more urban setting located within the Village of Alexandria Bay.
 - 3. Goose Bay should be studied. This is a rural area with some development.
 - 4. Mud Lake should be studied. This is a rural area with some development.
 - 5. Butterfield Lake should be studied. This is a rural area with some development.
 - No information was provided on flood disaster and flood response experience within the Town.
 - No information was provided on whether the community had any prior mitigation activities.
 - It is unknown if there are any verifiable high water marks within the Town.
 - There are areas of repeated flooding within the Town. These areas (listed above) include:
 - Lake Ontario Inlet
 - St Lawrence River in the Village of Alexandria Bay
 - Goose Bay
 - Mud Lake
 - Butterfield Lake
- Community Plans and Projects
 - Town of Alexandria participates in the Jefferson County Hazard Mitigation Plan.
 - Adopted in 2011
 - The Town has a Land Use and Development Plan.
 - Contact the Village of Alexandria at 315-482-9902 for information
 - The Town has a Comprehensive Plan.
 - Contact the Village of Alexandria at 315-482-9902 for information
 - No information was provided on the following:
 - Areas of development or potential development
 - Open space plans
 - Storm water programs
 - Watershed management plan
 - Other assistance
- Additional Comments
 - Maps with the approximate location of problems areas were provided. These maps were used to determine the locations of the stream restudy requests.

Village of Alexandria Bay, Jefferson County CID#360327(Participating)

Pre- Discovery Session: Did not attend

Discovery Meeting: Did not attend

Risk MAP Questionnaire: 11/26/2013 (Town of Alexandria)

Community Representatives: Christy Page

Town of Alexandria / Fourth Coast

17493 Blind Bay Road

Clayton, NY 13624

404-936-6620

cap@fourthcoast.com

The Village of Alexandria Bay Stream Study Requests:

- The Village of Alexandria Bay 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.
- Town of Alexandria representative that attended the meeting made the request for a restudy of the St Lawrence River as an updated detailed study through the Village due to flooding issues at the west end of James Street.

No additional information was provided for the Village of Alexandria Bay.

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

Pre- Discovery Session: September 2013

Discovery Meeting: November 2013

Risk MAP Questionnaire: September 2013 (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 despite follow up.

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

Pre- Discovery Session: Did not attend

Discovery Meeting: Did not attend

Risk MAP Questionnaire: Did not submit

The Village of Cape Vincent Stream Study Requests:

- The Village of Cape Vincent 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.

No additional information was provided by the Village of Cape Vincent

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

Pre- Discovery Session: Did not attend

Discovery Meeting: Did not attend

Risk MAP Questionnaire: 12/11/2013

Community Representatives: Christy Page
17493 Blind Bay Road
Clayton, NY 13624
404-936-6620
cap@fourthcoast.com
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

Village of Clayton, Jefferson County CID#360331 (Participating)

Pre- Discovery Session: September 2013

Discovery Meeting: Did not attend

Risk MAP Questionnaire: None submitted

Community Representatives: Geneva Phelps Miller, Village Clerk

425 Mary Street

PO Box 250

Clayton, NY 13624

Village of Clayton Stream Study Requests:

- No stream study requests were submitted during the Pre-Discovery web-ex meeting and a Risk MAP questionnaire was not submitted. Absent different information it is assumed the Village of Clayton is satisfied with the existing Flood Insurance Rate Maps and no new studies are required.
- Representatives from the County that attended the meeting requested the flowing areas be restudied:
 1. French Creek should be an updated detailed study within the Village limits due to development within the Village.
 2. Lake Ontario should have a new detailed study with a Base Flood Elevation determined due to lake front development.

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

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 in FEMA's mapping needs database as requiring 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 details provided
- Community Plans and Projects
 - No information provided
 - No additional assistance requested

- Additional Comments
 - None provided

St Lawrence County, CID# 36089C
Pre- Discovery Session: August 2013
Discovery Meeting: November 2013
Risk MAP Questionnaire: November 2013

County Representatives:

John Condino
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120 Washington Street, Suite 201
Watertown, NY
315-701-9810
icondina@bartonandloguidice.com

John Tenbush, Planner II
St Lawrence County Planning Department
Room 255, County Courthouse
48 Court Street
Canton, NY 13617

St Lawrence County Stream Study Requests:

1. There are many areas of waterfront development within the County including Waddington, Ogdensburg, and Morristown, which would benefit from updated detailed mapping of the St. Lawrence River.
2. Potsdam and Canton are also experiencing development due to the Universities and would benefit from updated mapping.

Other Information of Interest:

- Other Stakeholders
 - None Listed
- GIS Users
 - Jim Reese, St Lawrence County
- Existing Mapping Data
 - Transportation data is available in a digital format for bridges and roads. The Highway department may have additional information on culverts.
 - Land Use and Soil data is available in a digital format
 - Parcel and Zoning data is available in a digital format
 - Essential and Critical facilities data is under development.
 - There is no complete data set for historical flood inundation areas but the County could provide a map for flooding in smaller communities.
- Coastal Data
 - Does not apply
- Other Data
 - There is no specific data available on flood control structures in the county, however some may exist in some of the more populated and floodprone communities:
 - Canton
 - Gouverneur
 - Potsdam
 - Massena

- No information is available on dam locations.
 - County would like any dam safety information that is available.
- There may be limited local survey data. Contact Jim Reese for details.
- There are local flood and rain gages. Point of Contact is unknown, perhaps contact Barton and Loguidice for details.
- There may be piped or underground streams in the County. These streams would be in developed areas and there would only be a few.
 - In Potsdam there is an extensive tunnel system developed in conjunction with the College.
- There may be some reports with relevant hydrologic and hydraulic studies developed by the DOT.
 - DOT replace the Canton Main Street
 - DOT County Highway projects
 - New bridge crossing in DeGrasse
- Flood Mitigation Planning, Mapping Needs and Historical Data
 - There current FEMA floodplain maps are not accurate in the major communities.
 - City of Ogdensburg
 - Town/Village of Potsdam
 - Town/Village of Gouverneur
 - Town/Village of Massena
 - Town/Village of Canton
 - Town of Waddington which has a growing population, low tax rate, single family and waterfront development.
 - The County does not have experience with flood disasters or flood disaster recovery.
 - There is localized flooding and Emergency Management may have some experience with response.
 - County has no previous mitigation activities
 - It is unknown if there are any verifiable high water marks
 - There are areas within the County with repeated flooding. County was to provide details at a later date. No data received as of Dec 2014.
- Community Plans and Projects
 - No information provided on the Hazard Mitigation Plan
 - There is development in the following communities:
 - Primarily waterfront development or development associated with the colleges and universities
 - Waddington
 - Morristown
 - Ogdensburg
 - Potsdam
 - Canton
 - County can provide information on Land Use and Development plan communities have adopted in the future.
 - Canton has a Local Waterfront Development Plan and is a BoA community.
 - Potsdam has a Comprehensive Plan
 - The County participates in two watershed management plans.
 - St Lawrence River Watershed Partnership – Mostly with County Soil and Water Conservation District
 - Raquette River Blueway Corridor group.

- The County would like training
 - Floodplain Management training
 - Codes training
 - Contact Jason Pfothauer, Keith Zimmerman or Heidi Ames at County Planning to set up training sessions.
- Additional Comments
 - None provided

Town of Hammond, St Lawrence County CID# 360700 (Participating)

Pre- Discovery Session: Did not attend

Discovery Meeting: November 2013

Risk MAP Questionnaire: November 25, 2013

Community Representatives: Douglas Delosh

23 Hamilton Smith Road

Hammond, NY 13646

315-324-5188

djdelosh@gmail.com

Town of Hammond Stream Study Requests:

1. The Black Creek should be an updated approximate study due to potential development and hydraulic changes such as bridge replacements.
2. The St. Lawrence River should be an updated approximate study due to development along the shore line.
3. Chippewa Creek should be an updated approximate study due to bridge and culvert replacements.

Other Information of Interest:

- Other Stakeholders
 - Ron Bertram, Supervisor; 1698 County Route 6 Hammond, NY 13646; 315-324-5753; townsupervisor@townofhammondny.com
 - Don Greene, Highway Superintendent; 1637 County Route 6 Hammond, NY 13646; 315-324-5611 or 315-528-1078
- GIS Users
 - None Listed
- Existing Mapping Data
 - Information on Political boundaries is available in hard copy format. No additional details were provided.
 - The following information is not available:
 - Transportation layers
 - Land use and soil data
 - Parcel and zoning data
 - Building footprints
 - Essential and Critical facilities
 - Historical flood inundation areas
- Coastal Data
 - No information is available.
- Other Data:
 - No information is available.
 - All projects are completed.
- Flood Mitigation Planning, Mapping Needs and Historical Data
 - The current FEMA Special Flood Hazard Areas are accurate for the Town.
 - The Town has no experience with flood disasters or flood disaster recovery.
 - The Town of Hammond has no prior mitigation activities.
 - There are no verifiable high water marks with in the community.
 - There are no areas with repeated flooding.
- Community Plans and Projects

- The Town of Hammond has a Hazard Mitigation Plan. The Town participates in the County Plan which is currently being updated.
- There are no areas of development or future development in the Town.
- The Town of Hammond has a Land Use and Development Plan.
 - The plan is currently (November 2013) being reviewed by a Lawyer and hopefully will be completed in the near future.
 - The POC is Ron Papke at 78 Fitton Rod, Hammond, NY 13646
- The Town does not have an open space plan
- The Town does not have a storm water program.
- The Town has a Comprehensive Plan dated November 2012
 - POC is Ron Papke, Planning board chairman, 78 Fitton Rod, Hammond, NY 13646
- Town does not participate in a watershed management plan.
- No additional assistance or training is required.
- Other Comments
 - None provided.

Town of Morristown, St Lawrence County, CID#360706 (Participating)

Pre- Discovery Session: Did not attend

Discovery Meeting: Did not attend

Risk MAP Questionnaire: None submitted

Community Representatives: N/A

Town of Morristown Stream Study Requests:

- The Town of Morristown 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.

Village of Morristown, St Lawrence County, CID#361557 (Participating)

Pre- Discovery Session: Did not attend

Discovery Meeting: Did not attend

Risk MAP Questionnaire: None submitted

Community Representatives: N/A

Village of Morristown Stream Study Requests:

- The Village of Morristown 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.

City of Ogdensburg, St Lawrence County, CID#360707 (Participating)

Pre- Discovery Session: September 2013

Discovery Meeting: November 2013

Risk MAP Questionnaire: November 2013

Community Representatives: Andrea Smith, Director of Planning
330 Ford Street, Room 11
Ogdensburg, NY
315-393-7150
asmith@ogdensburg.org

City of Ogdensburg, Stream Study Requests:

1. The St. Lawrence should be a new detailed study through the entire city limits. The floodplain along the river appears to be over stated and is impacting development along the river front. There are also many flood control structures located along the river.
2. The Oswegatchie River should be an updated detailed study due to changes in hydraulic conditions.

Other Information of Interest:

- Other Stakeholders
 - None Listed
- GIS Users
 - City of Ogdensburg officials
 - County officials
- Existing Mapping Data
 - Bridge data is available in digital format from the City. No culvert data is available.
 - Land Use and Soil data is available in a digital format. No further details provided.
 - Parcel and Zoning data is available in digital format. No further details provided.
 - Building footprint data is not available.
 - Essential and Critical facilities data is available in a digital format. This is based on parcel data.
 - Historical flood inundation areas are available in a digital format. There are limited shape files and point data with the information.
 - **Note: The City would love digital flood maps.**
- Coastal Data (St Lawrence River)
 - Bathymetric data of the St Lawrence River is available in digital format. There is also topography for the City. The topography has two foot intervals and not all is along the river.
 - There are coastal structures within the City.
 - Seawall on the St Lawrence Seaway and marked A on the work map (near downstream corporate limits) is owned by the City
 - Seawall on the St Lawrence River and marked B on the work map (near tank farm) is privately owned.
 - Rip-rap on the St Lawrence River and marked C on the work maps is at the marina and is municipally owned.
 - Seawall on the St Lawrence River and marked D on the work maps is owned by the Port Authority.

- There is timber piling at the confluence of the Oswegatchie River and the St. Lawrence Seaway.
 - There is no wave or tidal gage data available.
 - Other data
 - The location of flood control structures is not available digitally.
 - There are flood control structures along the Oswegatchie River that need repair. The structures are owned by the City on the east bank and are privately owned on the west bank.
 - The location of dam within the community is not available.
 - There is an Algonquin Power owned dam in the City, marked E on the work map. The dam and historic power house are located on the Oswegatchie River near Mill Street.
 - There may be some digital and hard copy survey information available in specific locations.
 - The City has surveys along the St Lawrence River water front (A & B on the work map) and at the point.
 - The Port Authority may have survey data for their property at the upstream corporate limits. (Marked D on the work map)
 - Local rain and flood gage data is not available
 - There is no information on piped or underground streams within the community.
 - There may be an underground stream off of Champlain Street but there is no mapping available.
 - There are relevant reports in both hard copy and digital format that may have useful hydrologic and hydraulic studies.
 - The NYSDOT is replacing the Patterson Street Bridge.
 - There are brownfield development projects along the waterfront. The development plan is available upon request.
 - Local waterfront Revitalization Program (LWRP) communities are going through a plan update now. The approved plan is from 1986 and is under review city wide.
 - Flood Mitigation Planning, Mapping Needs and Historical Data
 - The current FEMA Special Flood Hazard Areas are not accurate for the City of Ogdensburg.
 - Floodplain boundaries are overstated along the St Lawrence River.
 - City has no experience with flood disasters or flood disaster recovery
 - There are no previous mitigation activities to reduce flood risk in the community.
 - There are no verifiable high water marks within the community.
 - There are areas of the community with repeated flooding.
 - A shape file is available upon request of these isolated areas.
 - Community Plans and Projects
 - City of Ogdensburg is participating in the St Lawrence County Hazard Mitigation Plan which is under development.
 - There is development pressure within the community.
 - Primary mixed use with open space
 - Along the Oswegatchie River there is some redevelopment
 - There are Brownfield project along both the St Lawrence River and Oswegatchie River.
 - The City has a Land Use and Development Plan.
 - The City has an Open Space Plan
 - Designates parks and open space
 - The City does not have a storm water plan or program.

- The City of Ogdensburg has a Local waterfront Revitalization Plan which serves as a Comprehensive plan.
 - The City does not have a Watershed Management Plan.
 - The City would like Floodplain Management Training and Building and Enforcement Guidance.
- Additional Comments
 - None provided